



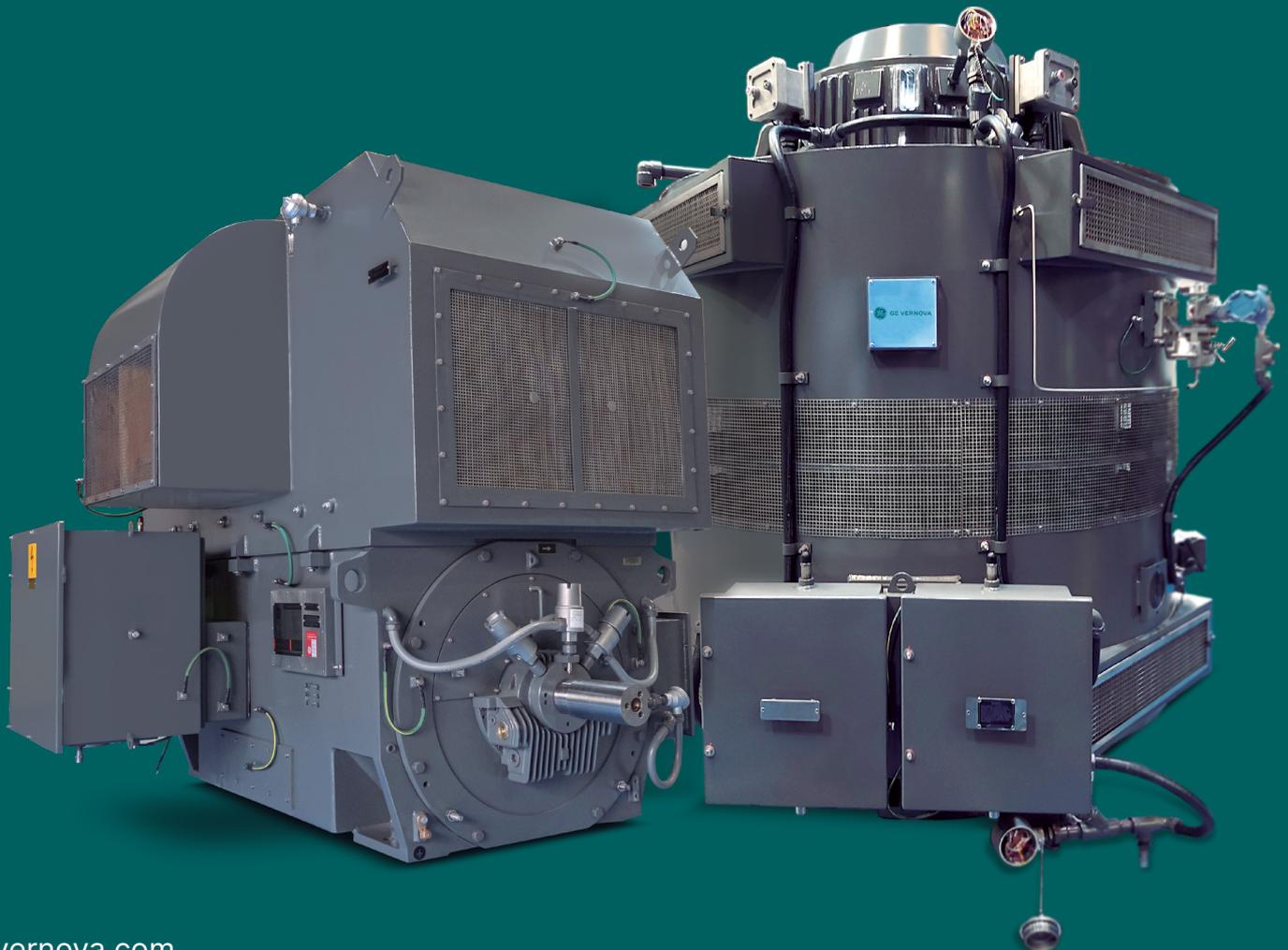
GE VERNOVA

Power Conversion & Storage

C7 SERIES

MV INDUCTION VERTICAL AND HORIZONTAL MOTORS

2-12 poles, 50/60Hz, up to 10500 HP



THE ENERGY TO CHANGE THE WORLD

GE Vernova Power Conversion & Storage

As innovators in advanced energy conversion and storage systems, we empower our utility and industrial customers by solving their most challenging electrification problems and accelerating their transition to a sustainable, decarbonized future.





MORE POWER IN A SMALLER PACKAGE



High power density



High efficiency



Low vibration



Low noise

Built on extensive rotating machine experience.

GE Vernova's manufactured motors and generators for some of the first commercial and industrial electrical applications.

We continue to deliver innovative electrical and mechanical power solutions to the world.

Our machines efficiently operate in challenging applications and severe environments where reliability and ease of maintenance is critical.

Fast builds with pre-engineered components.

The C7 features a standard set of frame, rotor and stator components that can fit into the majority of common application configurations. This means a faster cycle time to build and more consistent performance results during operation.

Innovations pack more power in a smaller frame.

A specially-designed frame and stator in the C7 that cools so effectively, that higher power ratings are easily achieved by smaller frame sizes. This motor is ideally suited in applications where space is at a premium and in platforms where less weight is required.

Quick selection with catalogue product.

Standard-built C7 squirrel-cage induction motors operate at 50/60 Hz, with outputs ranging up to 7830kW (10500HP).

- Designed for direct-on-line or VFD applications
- Rated Ex for use in a hazardous location
- Welded totally enclosed frame construction with air, water and blower-mounted cooling. WP11 enclosure also available
- IP55/ IP56 standard protection for TEAAC (CACA) or TEWAC (CACW)
- IP23/IP24 standard protection for WP11 enclosures

MV INDUCTION



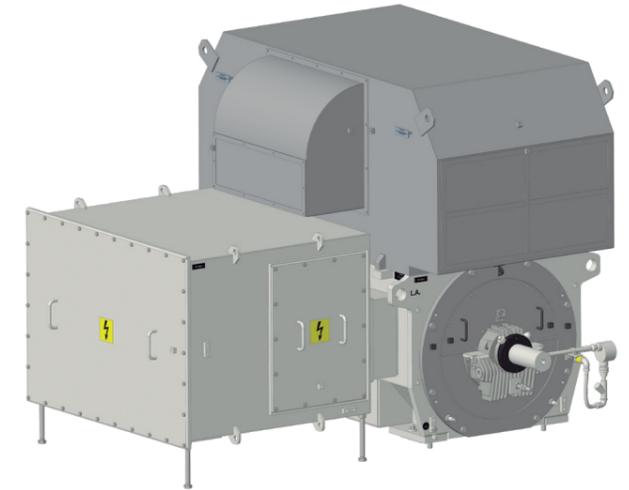
Innovative electro-mechanical design

Benefits

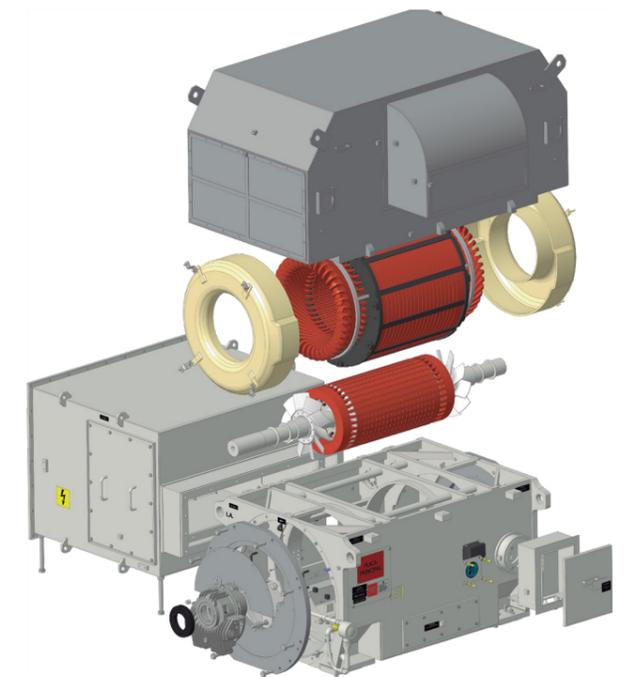
- Small footprint due to high power density
- High efficiency to assist with energy savings
- Low vibration enables high reliability and MTBF
- Low noise level to reduce environmental impact

Technical features

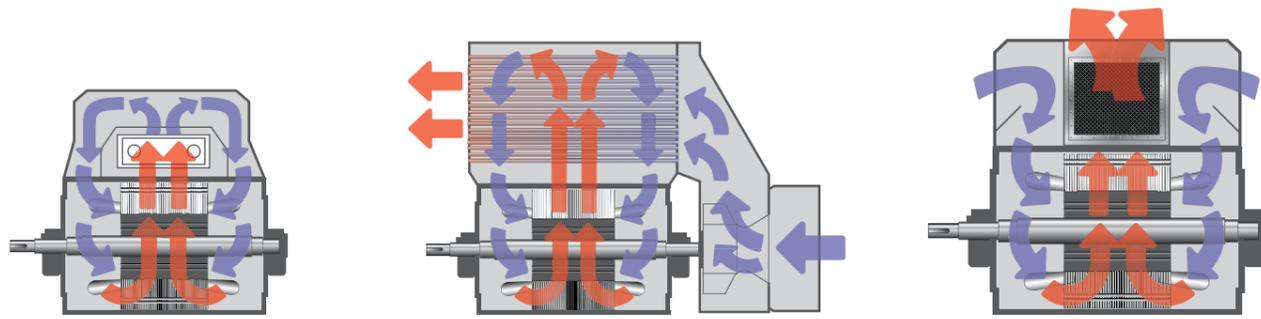
- NEMA MG1 or IEC 60034
- Available for API 541 5th Edition
- S1 duty (S2 to S9 duty types optional)
- 50/60 Hz frequency
- 2,300 to 13,800 V (other voltages optional)
Note: Other voltages will require engineering evaluation and design customization.
- Class F insulation
- ≤ 1000 meter altitude. Above 1000 meters altitude are available upon request
- -18°C to $+40^{\circ}\text{C}$ ambient. Lower and higher temperatures are available upon request
- Class B winding temperature rise by RTD method
- Maximum torque limitation – Bi-phase short circuit condition is considered for the winding, shaft and frame. (Fast bus transfer torque may be verified upon request)
- Vibration levels compliant to American Petroleum Institute (API), IEC 60034 Grade B and NEMA specifications
- Low Noise
TEWAC: Average sound pressure of 80 dB(A) max at 1 m no load
TEAAC/WPII: Average sound pressure of 85 dB(A) max at 1 m no load
Lower dB(A) levels are available upon request



Innovative cooling tops quickly exchanges heat away from the core. Rigid frame construction helps keep noise levels low. IEC 60034 Grade B.



COOLING & POWER RANGE



Totally enclosed water-to-air cooled TEWAC / CACW

Totally enclosed air-to-air cooled TEAAC / CACA

Weather protected WPII, IC0A1

NEMA horizontal copper cage

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz WP-II or TEWAC enclosure											
2-pole											
2250	6811	8311	Sleeve	Oil self-cooled	95,6%	96,0%	95,8%	89,3%	88,1%	85,6%	H04WPII##60Cu02p2250
2500	6811	8311	Sleeve	Oil self-cooled	95,8%	96,1%	95,9%	89,4%	88,1%	85,6%	H04WPII##60Cu02p2500
3000	6812	8312	Sleeve	Oil self-cooled	96,0%	96,4%	96,2%	89,5%	88,1%	85,6%	H04WPII##60Cu02p3000
3500	6812	8312	Sleeve	Oil self-cooled	96,3%	96,6%	96,5%	89,6%	88,2%	85,5%	H04WPII##60Cu02p3500
4000	6812	8312	Sleeve	Oil self-cooled	96,6%	96,9%	96,8%	89,7%	88,2%	85,5%	H04WPII##60Cu02p4000
4500	n.a.	8411	Sleeve	Oil forced	96,6%	96,6%	96,2%	88,9%	86,6%	82,5%	H04WPII##60Cu02p4500
5000	n.a.	8411E	Sleeve	Oil forced	96,7%	96,7%	96,3%	89,9%	88,2%	85,3%	H04WPII##60Cu02p5000
5500	n.a.	8411E	Sleeve	Oil forced	96,7%	96,8%	96,5%	91,0%	89,8%	88,0%	H04WPII##60Cu02p5500
6000	n.a.	8511	Sleeve	Oil forced	96,3%	96,3%	95,8%	89,5%	89,6%	87,3%	H04WPII##60Cu02p6000
7000	n.a.	8512	Sleeve	Oil forced	96,4%	96,4%	96,0%	89,7%	89,8%	87,5%	H04WPII##60Cu02p7000
8000	n.a.	8512	Sleeve	Oil forced	96,5%	96,6%	96,2%	90,0%	90,0%	87,7%	H04WPII##60Cu02p8000
9000	n.a.	8512	Sleeve	Oil forced	96,7%	96,7%	96,3%	90,2%	90,2%	87,9%	H04WPII##60Cu02p9000
10500	n.a.	8513	Sleeve	Oil forced	96,7%	96,8%	96,5%	91,6%	92,6%	92,1%	H04WPII##60Cu02p10500
10000	n.a.	8513	Sleeve	Oil forced	96,7%	96,8%	96,4%	91,1%	91,8%	90,7%	H04WPII##60Cu02p10000
4-pole											
2250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,0%	95,8%	86,0%	82,1%	75,0%	H04WPII##60Cu04p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,1%	96,0%	86,3%	82,8%	76,2%	H04WPII##60Cu04p2500
3000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	96,3%	86,9%	84,1%	78,5%	H04WPII##60Cu04p3000
3500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,5%	96,5%	87,6%	85,4%	80,8%	H04WPII##60Cu04p3500
4000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,4%	96,0%	85,8%	82,0%	75,0%	H04WPII##60Cu04p4000
4500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,4%	96,1%	85,9%	82,1%	75,0%	H04WPII##60Cu04p4500
5000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,5%	96,1%	86,0%	82,1%	75,0%	H04WPII##60Cu04p5000
6000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,6%	96,7%	96,5%	86,6%	85,5%	80,5%	H04WPII##60Cu04p6000
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,6%	96,8%	96,7%	87,1%	86,3%	81,9%	H04WPII##60Cu04p7000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz WP-II or TEWAC enclosure											
8000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,7%	96,9%	96,8%	87,6%	87,2%	83,4%	H04WPII##60Cu04p8000
9000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,7%	97,0%	96,9%	88,1%	88,0%	84,8%	H04WPII##60Cu04p9000
10000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	96,8%	97,0%	96,9%	88,3%	87,6%	83,7%	H04WPII##60Cu04p10000
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,6%	82,0%	79,2%	71,1%	H04WPII##60Cu06p1500
1750	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,7%	95,7%	82,0%	79,3%	71,3%	H04WPII##60Cu06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,8%	95,8%	82,1%	79,4%	71,5%	H04WPII##60Cu06p2000
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,9%	95,9%	82,1%	79,5%	71,7%	H04WPII##60Cu06p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,6%	96,0%	96,0%	82,1%	79,6%	71,9%	H04WPII##60Cu06p2500
3000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,4%	96,4%	96,3%	84,8%	85,6%	81,2%	H04WPII##60Cu06p3000
3500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	96,5%	96,4%	85,2%	85,8%	81,2%	H04WPII##60Cu06p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	96,6%	96,5%	85,7%	86,0%	81,1%	H04WPII##60Cu06p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,6%	96,4%	82,9%	81,2%	74,8%	H04WPII##60Cu06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,7%	96,5%	83,8%	82,5%	76,8%	H04WPII##60Cu06p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,8%	96,7%	84,7%	83,8%	78,8%	H04WPII##60Cu06p5500
6000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,9%	96,8%	85,6%	85,1%	80,8%	H04WPII##60Cu06p6000
6500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,7%	97,0%	96,9%	86,4%	86,3%	82,7%	H04WPII##60Cu06p6500
8-pole											
1100	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,1%	95,1%	80,3%	78,5%	70,8%	H04WPII##60Cu08p1100
1250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,2%	95,2%	80,3%	78,5%	70,8%	H04WPII##60Cu08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,3%	95,4%	80,3%	78,6%	70,9%	H04WPII##60Cu08p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,5%	95,5%	80,2%	78,6%	71,0%	H04WPII##60Cu08p1750
1850	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,6%	95,6%	80,2%	78,6%	71,0%	H04WPII##60Cu08p1850
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,7%	95,5%	83,5%	81,4%	74,3%	H04WPII##60Cu08p2000
2250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,8%	95,6%	83,7%	81,7%	74,8%	H04WPII##60Cu08p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,9%	95,8%	83,9%	82,1%	75,4%	H04WPII##60Cu08p2500
2900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,5%	96,1%	95,9%	84,3%	82,6%	76,2%	H04WPII##60Cu08p2900
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,3%	96,1%	84,3%	81,7%	74,2%	H04WPII##60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,3%	96,2%	84,2%	81,8%	74,6%	H04WPII##60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,3%	84,1%	81,9%	75,0%	H04WPII##60Cu08p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,3%	83,9%	82,1%	75,4%	H04WPII##60Cu08p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,4%	83,8%	82,2%	75,8%	H04WPII##60Cu08p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,5%	83,7%	82,3%	76,2%	H04WPII##60Cu08p5500
6000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,5%	96,6%	84,9%	84,2%	79,5%	H04WPII##60Cu08p6000
10-pole											
800	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,1%	76,5%	74,7%	64,5%	H04WPII##60Cu10p800
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,2%	76,8%	75,3%	65,4%	H04WPII##60Cu10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,3%	77,2%	75,9%	66,3%	H04WPII##60Cu10p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	94,6%	78,1%	77,4%	68,6%	H04WPII##60Cu10p1250
1500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,5%	95,3%	80,7%	78,6%	70,8%	H04WPII##60Cu10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,6%	95,4%	80,8%	78,7%	71,1%	H04WPII##60Cu10p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,7%	95,5%	80,9%	78,9%	71,3%	H04WPII##60Cu10p2000
2200	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,7%	95,6%	81,0%	79,0%	71,5%	H04WPII##60Cu10p2200
2500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,1%	96,1%	83,3%	81,4%	74,4%	H04WPII##60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,2%	96,1%	83,2%	81,5%	74,7%	H04WPII##60Cu10p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,2%	96,2%	83,1%	81,6%	75,1%	H04WPII##60Cu10p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,2%	96,2%	82,9%	81,7%	75,4%	H04WPII##60Cu10p4000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz WP-II or TEWAC enclosure											
12-pole											
550	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,2%	93,8%	93,4%	73,3%	69,9%	59,0%	H04WPII##60Cu12p550
600	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,9%	93,5%	73,4%	70,2%	59,4%	H04WPII##60Cu12p600
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,4%	94,1%	93,7%	73,8%	70,7%	60,1%	H04WPII##60Cu12p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,2%	93,9%	74,2%	71,2%	60,8%	H04WPII##60Cu12p800
900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,4%	94,1%	74,5%	71,7%	61,5%	H04WPII##60Cu12p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,6%	75,7%	71,9%	62,1%	H04WPII##60Cu12p1000
1250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,7%	75,8%	72,0%	62,3%	H04WPII##60Cu12p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	94,8%	76,0%	72,2%	62,4%	H04WPII##60Cu12p1500
1600	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	94,8%	76,0%	72,2%	62,5%	H04WPII##60Cu12p1600
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,6%	75,4%	69,6%	57,8%	H04WPII##60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,7%	75,6%	70,1%	58,6%	H04WPII##60Cu12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,8%	75,9%	70,6%	59,4%	H04WPII##60Cu12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	94,9%	76,1%	71,1%	60,1%	H04WPII##60Cu12p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,3%	95,1%	76,6%	72,1%	61,7%	H04WPII##60Cu12p3000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Hz WP-II or TEWAC enclosure											
2-pole											
2250	6811	8311	Sleeve	Oil self-cooled	95,8%	96,0%	95,7%	89,6%	87,7%	84,2%	H06WPII##60Cu02p2250
2500	6811	8311	Sleeve	Oil self-cooled	95,9%	96,2%	95,9%	89,8%	88,1%	85,0%	H06WPII##60Cu02p2500
3000	6812	8312	Sleeve	Oil self-cooled	96,2%	96,5%	96,4%	90,2%	88,9%	86,6%	H06WPII##60Cu02p3000
3500	6812	8312	Sleeve	Oil self-cooled	96,5%	96,8%	96,8%	90,5%	89,7%	88,2%	H06WPII##60Cu02p3500
4000	n.a.	8411	Sleeve	Oil forced	96,5%	96,5%	96,1%	90,1%	88,6%	85,9%	H06WPII##60Cu02p4000
4500	n.a.	8411E	Sleeve	Oil forced	96,6%	96,5%	96,1%	90,1%	88,3%	85,2%	H06WPII##60Cu02p4500
5000	n.a.	8411E	Sleeve	Oil forced	96,6%	96,6%	96,1%	90,1%	88,0%	84,4%	H06WPII##60Cu02p5000
5500	n.a.	8411E	Sleeve	Oil forced	96,7%	96,6%	96,1%	90,0%	87,7%	83,7%	H06WPII##60Cu02p5500
6000	n.a.	8511	Sleeve	Oil forced	96,4%	96,4%	95,9%	88,8%	88,6%	85,6%	H06WPII##60Cu02p6000
7000	n.a.	8512	Sleeve	Oil forced	96,5%	96,5%	96,1%	89,1%	89,4%	87,1%	H06WPII##60Cu02p7000
8000	n.a.	8512	Sleeve	Oil forced	96,6%	96,7%	96,3%	89,5%	90,2%	88,7%	H06WPII##60Cu02p8000
9000	n.a.	8512	Sleeve	Oil forced	96,7%	96,8%	96,5%	89,8%	91,0%	90,2%	H06WPII##60Cu02p9000
10250	n.a.	8513	Sleeve	Oil forced	96,7%	96,8%	96,4%	90,5%	91,3%	90,3%	H06WPII##60Cu02p10250
10000	n.a.	8513	Sleeve	Oil forced	96,7%	96,8%	96,4%	90,4%	91,2%	90,3%	H06WPII##60Cu02p10000
4-pole											
2250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,0%	95,9%	87,6%	84,3%	78,1%	H06WPII##60Cu04p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,1%	95,9%	87,5%	84,4%	78,4%	H06WPII##60Cu04p2500
3000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,3%	96,1%	87,4%	84,6%	79,1%	H06WPII##60Cu04p3000
3500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,6%	85,0%	80,4%	72,2%	H06WPII##60Cu04p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,2%	95,8%	85,3%	81,3%	73,8%	H06WPII##60Cu04p4000
4500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,0%	85,7%	82,1%	75,4%	H06WPII##60Cu04p4500
5000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,4%	96,1%	86,1%	83,0%	77,0%	H06WPII##60Cu04p5000
6000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,6%	96,8%	96,6%	88,2%	87,4%	83,2%	H06WPII##60Cu04p6000
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,6%	96,9%	96,7%	88,5%	87,7%	83,6%	H06WPII##60Cu04p7000
8000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,7%	96,9%	96,8%	88,7%	87,9%	83,9%	H06WPII##60Cu04p8000
9000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	96,8%	97,0%	96,9%	89,8%	89,5%	86,7%	H06WPII##60Cu04p9000
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	94,9%	78,0%	73,6%	63,3%	H06WPII##60Cu06p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,4%	95,1%	79,1%	75,2%	65,6%	H06WPII##60Cu06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,5%	95,3%	80,2%	76,9%	68,0%	H06WPII##60Cu06p2000
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,7%	95,6%	81,3%	78,5%	70,3%	H06WPII##60Cu06p2250
2500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,3%	96,3%	96,1%	82,6%	82,5%	76,4%	H06WPII##60Cu06p2500
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	96,4%	96,2%	83,4%	83,2%	77,1%	H06WPII##60Cu06p3000
3500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	96,6%	96,3%	84,1%	83,9%	77,8%	H06WPII##60Cu06p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	96,7%	96,7%	84,2%	84,9%	80,3%	H06WPII##60Cu06p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,6%	96,3%	83,6%	81,9%	75,5%	H06WPII##60Cu06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,7%	96,4%	84,1%	82,7%	76,8%	H06WPII##60Cu06p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,7%	96,6%	84,5%	83,5%	78,2%	H06WPII##60Cu06p5500
6000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,8%	96,7%	84,9%	84,3%	79,5%	H06WPII##60Cu06p6000
6500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,9%	96,7%	85,4%	84,5%	79,5%	H06WPII##60Cu06p6500
8-pole											
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,0%	95,0%	80,3%	77,9%	69,4%	H06WPII##60Cu08p1000
1250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,2%	95,3%	81,0%	79,1%	71,3%	H06WPII##60Cu08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,4%	95,5%	81,8%	80,3%	73,3%	H06WPII##60Cu08p1500
1700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,5%	95,7%	82,3%	81,3%	74,8%	H06WPII##60Cu08p1700
1800	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,6%	95,6%	84,7%	83,3%	77,5%	H06WPII##60Cu08p1800
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,7%	95,6%	84,6%	83,1%	77,0%	H06WPII##60Cu08p2000



Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Hz WP-II or TEWAC enclosure											
2250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,8%	95,7%	84,5%	82,8%	76,5%	H06WPII##60Cu08p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,9%	95,7%	84,4%	82,4%	75,9%	H06WPII##60Cu08p2500
2700	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	96,0%	95,8%	84,3%	82,2%	75,4%	H06WPII##60Cu08p2700
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,2%	84,7%	82,5%	75,7%	H06WPII##60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,3%	84,5%	82,5%	75,9%	H06WPII##60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,4%	84,2%	82,5%	76,1%	H06WPII##60Cu08p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,7%	96,4%	96,4%	84,0%	82,4%	76,3%	H06WPII##60Cu08p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,7%	96,4%	96,5%	83,7%	82,4%	76,5%	H06WPII##60Cu08p5000
6000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,5%	96,6%	84,2%	83,0%	77,2%	H06WPII##60Cu08p6000
5500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,7%	96,4%	96,5%	84,0%	82,7%	76,9%	H06WPII##60Cu08p5500
10-pole											
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,1%	94,0%	78,9%	78,3%	69,4%	H06WPII##60Cu10p700
800	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,3%	94,2%	78,9%	78,3%	69,5%	H06WPII##60Cu10p800
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,4%	94,4%	78,9%	78,4%	69,6%	H06WPII##60Cu10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,6%	94,5%	78,9%	78,4%	69,7%	H06WPII##60Cu10p1000
1200	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,9%	94,9%	78,9%	78,5%	69,9%	H06WPII##60Cu10p1200
1300	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,4%	95,1%	80,7%	77,8%	69,0%	H06WPII##60Cu10p1300
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,5%	95,2%	80,8%	78,0%	69,4%	H06WPII##60Cu10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	95,3%	80,9%	78,3%	69,8%	H06WPII##60Cu10p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,6%	95,3%	81,0%	78,5%	70,3%	H06WPII##60Cu10p2000
2250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	96,0%	96,0%	83,1%	81,6%	75,0%	H06WPII##60Cu10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	96,0%	96,0%	83,0%	81,4%	74,8%	H06WPII##60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,1%	96,0%	82,7%	81,1%	74,4%	H06WPII##60Cu10p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,1%	96,1%	82,4%	80,8%	73,9%	H06WPII##60Cu10p3500
3750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,2%	96,1%	82,2%	80,6%	73,7%	H06WPII##60Cu10p3750
12-pole											
500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,7%	93,0%	70,7%	65,5%	53,2%	H06WPII##60Cu12p500
600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,9%	93,2%	71,2%	66,2%	54,1%	H06WPII##60Cu12p600
700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,0%	93,4%	71,7%	66,9%	54,9%	H06WPII##60Cu12p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,2%	93,7%	72,2%	67,6%	55,8%	H06WPII##60Cu12p800
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,7%	94,1%	75,0%	70,3%	59,5%	H06WPII##60Cu12p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,8%	94,3%	75,3%	70,8%	60,2%	H06WPII##60Cu12p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,6%	76,1%	72,1%	62,1%	H06WPII##60Cu12p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	94,9%	76,9%	73,4%	63,9%	H06WPII##60Cu12p1500
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,5%	75,8%	70,2%	58,6%	H06WPII##60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,0%	94,6%	76,1%	70,8%	59,4%	H06WPII##60Cu12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,8%	76,4%	71,3%	60,3%	H06WPII##60Cu12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,9%	76,6%	71,9%	61,1%	H06WPII##60Cu12p2500
2750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	95,0%	76,9%	72,4%	61,9%	H06WPII##60Cu12p2750

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz WP-II or TEWAC enclosure											
2-pole											
2250	6812	8312	Sleeve	Oil self-cooled	95,6%	95,8%	95,5%	90,7%	88,7%	85,4%	H13WPII##60Cu02p2250
2500	n.a.	8411	Sleeve	Oil forced	95,7%	95,6%	94,9%	91,7%	89,4%	85,9%	H13WPII##60Cu02p2500
3000	n.a.	8411E	Sleeve	Oil forced	95,9%	95,8%	95,1%	92,0%	90,1%	87,2%	H13WPII##60Cu02p3000
3500	n.a.	8411E	Sleeve	Oil forced	96,0%	96,0%	95,4%	92,4%	90,7%	88,4%	H13WPII##60Cu02p3500
4000	n.a.	8512	Sleeve	Oil forced	95,6%	95,5%	94,7%	93,0%	93,8%	93,5%	H13WPII##60Cu02p4000
4500	n.a.	8512	Sleeve	Oil forced	95,7%	95,6%	94,9%	92,4%	92,9%	92,0%	H13WPII##60Cu02p4500
5000	n.a.	8512	Sleeve	Oil forced	95,9%	95,8%	95,1%	91,7%	92,0%	90,6%	H13WPII##60Cu02p5000
5500	n.a.	8512	Sleeve	Oil forced	96,0%	96,0%	95,3%	91,1%	91,1%	89,1%	H13WPII##60Cu02p5500
6000	n.a.	8512	Sleeve	Oil forced	96,2%	96,1%	95,5%	90,4%	90,2%	87,6%	H13WPII##60Cu02p6000
6750	n.a.	8513	Sleeve	Oil forced	96,2%	96,1%	95,5%	91,3%	91,7%	90,5%	H13WPII##60Cu02p6750
4-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,5%	93,9%	84,1%	78,7%	69,2%	H13WPII##60Cu04p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,9%	94,5%	86,6%	82,4%	75,0%	H13WPII##60Cu04p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,3%	95,1%	89,0%	86,1%	80,8%	H13WPII##60Cu04p2000
2250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,4%	94,9%	83,2%	77,6%	67,9%	H13WPII##60Cu04p2250
2500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,6%	95,1%	84,3%	79,3%	70,6%	H13WPII##60Cu04p2500
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,6%	86,4%	82,7%	75,9%	H13WPII##60Cu04p3000
3500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,0%	96,2%	95,8%	88,3%	86,8%	81,8%	H13WPII##60Cu04p3500
4000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,1%	96,2%	95,9%	88,5%	87,1%	82,3%	H13WPII##60Cu04p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,2%	96,3%	96,0%	88,7%	87,4%	82,8%	H13WPII##60Cu04p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,3%	96,4%	96,1%	88,8%	87,7%	83,2%	H13WPII##60Cu04p5000
6000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	95,1%	94,8%	93,6%	89,1%	88,1%	84,0%	H13WPII##60Cu04p6000
6-pole											
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,5%	93,8%	78,6%	73,3%	62,1%	H13WPII##60Cu06p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,7%	94,3%	81,2%	77,5%	68,5%	H13WPII##60Cu06p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,8%	94,8%	83,7%	81,7%	74,8%	H13WPII##60Cu06p1500
1750	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,4%	95,3%	95,0%	83,1%	82,2%	75,0%	H13WPII##60Cu06p1750
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,5%	95,5%	95,3%	83,9%	83,3%	76,8%	H13WPII##60Cu06p2000
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,8%	95,9%	95,7%	85,5%	85,6%	80,3%	H13WPII##60Cu06p2500
2750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,9%	95,5%	83,3%	81,2%	74,3%	H13WPII##60Cu06p2750
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,9%	95,5%	83,5%	81,5%	74,7%	H13WPII##60Cu06p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,1%	95,7%	84,0%	82,1%	75,5%	H13WPII##60Cu06p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,2%	95,8%	84,4%	82,7%	76,4%	H13WPII##60Cu06p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,3%	96,0%	84,9%	83,3%	77,2%	H13WPII##60Cu06p4500
5000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	96,0%	85,0%	83,0%	76,6%	H13WPII##60Cu06p5000
8-pole											
1200	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,4%	94,0%	82,1%	78,6%	69,6%	H13WPII##60Cu08p1200
1250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,4%	94,0%	82,1%	78,5%	69,5%	H13WPII##60Cu08p1250
1500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,5%	94,1%	82,0%	78,3%	69,1%	H13WPII##60Cu08p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,2%	81,8%	78,0%	68,6%	H13WPII##60Cu08p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,7%	94,2%	81,7%	77,7%	68,2%	H13WPII##60Cu08p2000
2250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,3%	95,4%	86,9%	85,6%	80,2%	H13WPII##60Cu08p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,4%	95,4%	86,6%	85,2%	79,6%	H13WPII##60Cu08p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,5%	95,5%	86,0%	84,4%	78,4%	H13WPII##60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,6%	95,6%	85,4%	83,6%	77,1%	H13WPII##60Cu08p3500

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz WP-II or TEWAC enclosure											
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,8%	95,7%	84,8%	82,8%	75,9%	H13WPII##60Cu08p4000
4250	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,8%	95,8%	86,2%	84,5%	78,5%	H13WPII##60Cu08p4250
10-pole											
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,6%	94,0%	94,0%	82,8%	80,7%	73,2%	H13WPII##60Cu10p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,7%	94,1%	94,1%	82,9%	80,9%	73,5%	H13WPII##60Cu10p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,1%	94,5%	94,4%	83,2%	81,5%	74,4%	H13WPII##60Cu10p1250
1400	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,4%	94,7%	94,6%	83,4%	81,8%	74,9%	H13WPII##60Cu10p1400
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,9%	94,4%	79,3%	75,2%	64,9%	H13WPII##60Cu10p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,0%	94,6%	79,8%	75,9%	66,0%	H13WPII##60Cu10p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,1%	94,7%	80,2%	76,6%	67,0%	H13WPII##60Cu10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,3%	94,9%	80,6%	77,3%	68,1%	H13WPII##60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,5%	95,2%	81,4%	78,7%	70,2%	H13WPII##60Cu10p3000
12-pole											
600	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,4%	92,5%	74,4%	67,9%	55,6%	H13WPII##60Cu12p600
700	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,5%	92,7%	74,7%	68,4%	56,3%	H13WPII##60Cu12p700
800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,6%	92,9%	75,0%	68,9%	57,0%	H13WPII##60Cu12p800
900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,8%	93,1%	75,2%	69,4%	57,6%	H13WPII##60Cu12p900
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,9%	93,3%	75,5%	69,9%	58,3%	H13WPII##60Cu12p1000
1100	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,1%	93,5%	75,8%	70,4%	59,0%	H13WPII##60Cu12p1100
1250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,9%	93,4%	76,7%	71,0%	59,4%	H13WPII##60Cu12p1250
1500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,0%	93,6%	77,4%	72,0%	60,7%	H13WPII##60Cu12p1500
1750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,1%	93,8%	78,0%	72,9%	62,0%	H13WPII##60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,2%	94,0%	78,7%	73,9%	63,3%	H13WPII##60Cu12p2000



Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz TEAAC enclosure											
2-pole											
2000	6811	8311	Sleeve	Oil self-cooled	95,1%	95,1%	94,4%	90,6%	88,8%	85,9%	H04TEAAC#60Cu02p2000
2250	6811	8311	Sleeve	Oil self-cooled	95,3%	95,4%	94,7%	90,5%	88,7%	85,8%	H04TEAAC#60Cu02p2250
2500	6812	8312	Sleeve	Oil self-cooled	95,5%	95,6%	95,0%	90,3%	88,5%	85,6%	H04TEAAC#60Cu02p2500
3000	6812	8312	Sleeve	Oil self-cooled	95,9%	96,0%	95,5%	89,9%	88,3%	85,4%	H04TEAAC#60Cu02p3000
3500	6812	8312	Sleeve	Oil self-cooled	96,3%	96,4%	96,0%	89,5%	88,0%	85,1%	H04TEAAC#60Cu02p3500
4000	n.a.	8411	Sleeve	Oil forced	95,5%	95,1%	94,0%	89,8%	88,7%	86,6%	H04TEAAC#60Cu02p4000
4500	n.a.	8411E	Sleeve	Oil forced	95,8%	95,4%	94,4%	91,2%	89,7%	87,6%	H04TEAAC#60Cu02p4500
5000	n.a.	8511	Sleeve	Oil forced	94,6%	94,1%	92,4%	88,3%	88,0%	84,8%	H04TEAAC#60Cu02p5000
6000	n.a.	8512	Sleeve	Oil forced	95,1%	94,6%	93,3%	89,3%	89,3%	86,9%	H04TEAAC#60Cu02p6000
7000	n.a.	8512	Sleeve	Oil forced	95,6%	95,2%	94,1%	90,3%	90,6%	89,0%	H04TEAAC#60Cu02p7000
7500	n.a.	8512	Sleeve	Oil forced	95,8%	95,5%	94,5%	90,8%	91,3%	90,0%	H04TEAAC#60Cu02p7500
8750	n.a.	8513	Sleeve	Oil forced	96,1%	95,9%	95,2%	92,1%	93,3%	93,4%	H04TEAAC#60Cu02p8750
8000	n.a.	8513	Sleeve	Oil forced	95,9%	95,7%	94,8%	91,3%	92,1%	91,4%	H04TEAAC#60Cu02p8000
4-pole											
2000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,1%	94,4%	84,7%	80,5%	72,6%	H04TEAAC#60Cu04p2000
2250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,4%	94,8%	85,7%	82,1%	75,4%	H04TEAAC#60Cu04p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,2%	86,6%	83,7%	78,2%	H04TEAAC#60Cu04p2500
3000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	96,1%	88,4%	86,9%	83,7%	H04TEAAC#60Cu04p3000
3500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,7%	95,0%	85,6%	81,5%	74,2%	H04TEAAC#60Cu04p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,6%	96,3%	89,5%	87,0%	82,4%	H04TEAAC#60Cu04p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	94,7%	94,1%	92,5%	86,7%	85,1%	79,5%	H04TEAAC#60Cu04p4500
5000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	94,8%	94,4%	92,9%	87,1%	85,9%	81,0%	H04TEAAC#60Cu04p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,0%	94,6%	93,3%	87,5%	86,7%	82,5%	H04TEAAC#60Cu04p5500
6000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,2%	94,9%	93,7%	88,0%	87,5%	83,9%	H04TEAAC#60Cu04p6000
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,6%	95,4%	94,5%	88,8%	89,1%	86,9%	H04TEAAC#60Cu04p7000
8000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	95,8%	95,7%	95,0%	89,2%	89,4%	87,1%	H04TEAAC#60Cu04p8000
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,4%	80,9%	77,7%	69,1%	H04TEAAC#60Cu06p1500
1750	6811	8312	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	94,7%	80,4%	77,0%	68,1%	H04TEAAC#60Cu06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,3%	94,9%	79,9%	76,3%	67,0%	H04TEAAC#60Cu06p2000
2250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,8%	95,4%	83,0%	82,5%	76,0%	H04TEAAC#60Cu06p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,3%	96,1%	95,6%	83,6%	82,8%	76,1%	H04TEAAC#60Cu06p2500
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,8%	96,6%	96,2%	84,6%	83,5%	76,2%	H04TEAAC#60Cu06p3000
3500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,8%	96,6%	85,2%	85,1%	79,5%	H04TEAAC#60Cu06p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,2%	95,8%	85,3%	83,9%	78,2%	H04TEAAC#60Cu06p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	96,0%	85,7%	84,5%	79,2%	H04TEAAC#60Cu06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,5%	96,2%	86,1%	85,2%	80,3%	H04TEAAC#60Cu06p5000
5500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,6%	96,4%	86,9%	86,4%	82,4%	H04TEAAC#60Cu06p5500
8-pole											
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,1%	94,8%	81,3%	79,5%	71,8%	H04TEAAC#60Cu08p1000
1250	6811	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,2%	95,1%	81,5%	79,9%	72,6%	H04TEAAC#60Cu08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,4%	95,3%	81,7%	80,3%	73,4%	H04TEAAC#60Cu08p1500
1600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	95,4%	81,7%	80,5%	73,7%	H04TEAAC#60Cu08p1600
1800	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,9%	95,7%	84,1%	81,7%	74,4%	H04TEAAC#60Cu08p1800
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,5%	96,0%	95,8%	84,1%	81,6%	74,2%	H04TEAAC#60Cu08p2000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz TEAAC enclosure											
2250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,5%	96,0%	95,8%	84,0%	81,5%	74,0%	H04TEAAC#60Cu08p2250
2400	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	96,0%	95,8%	84,0%	81,4%	73,9%	H04TEAAC#60Cu08p2400
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,3%	95,9%	81,2%	77,6%	68,5%	H04TEAAC#60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,4%	96,0%	81,4%	78,1%	69,3%	H04TEAAC#60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,4%	96,1%	81,5%	78,5%	70,2%	H04TEAAC#60Cu08p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,5%	96,2%	81,7%	79,0%	71,0%	H04TEAAC#60Cu08p4500
5000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,6%	96,5%	83,7%	82,1%	75,9%	H04TEAAC#60Cu08p5000
10-pole											
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,1%	93,6%	78,1%	77,4%	68,7%	H04TEAAC#60Cu10p700
800	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,2%	93,7%	77,9%	77,1%	68,2%	H04TEAAC#60Cu10p800
900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,3%	93,8%	77,8%	76,8%	67,7%	H04TEAAC#60Cu10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,4%	93,9%	77,7%	76,5%	67,2%	H04TEAAC#60Cu10p1000
1150	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,5%	94,0%	77,5%	76,1%	66,4%	H04TEAAC#60Cu10p1150
1300	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,4%	95,0%	79,8%	76,4%	67,0%	H04TEAAC#60Cu10p1300
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,6%	95,2%	80,5%	77,7%	69,2%	H04TEAAC#60Cu10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,7%	95,5%	81,4%	79,4%	71,9%	H04TEAAC#60Cu10p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,9%	95,8%	82,3%	81,0%	74,6%	H04TEAAC#60Cu10p2000
2250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,8%	95,6%	81,1%	78,7%	70,7%	H04TEAAC#60Cu10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,9%	95,6%	80,9%	78,5%	70,5%	H04TEAAC#60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,9%	95,6%	80,4%	78,0%	70,0%	H04TEAAC#60Cu10p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,0%	95,7%	79,8%	77,5%	69,5%	H04TEAAC#60Cu10p3500
12-pole											
500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,2%	93,5%	92,6%	69,6%	64,2%	51,8%	H04TEAAC#60Cu12p500
600	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,7%	93,0%	70,9%	66,0%	54,1%	H04TEAAC#60Cu12p600
700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,0%	93,3%	72,1%	67,9%	56,4%	H04TEAAC#60Cu12p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,2%	93,7%	73,3%	69,7%	58,7%	H04TEAAC#60Cu12p800
850	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,4%	93,9%	74,0%	70,6%	59,8%	H04TEAAC#60Cu12p850
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,1%	94,6%	75,6%	70,9%	60,2%	H04TEAAC#60Cu12p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	94,7%	76,1%	71,7%	61,3%	H04TEAAC#60Cu12p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,4%	95,0%	77,3%	73,5%	63,9%	H04TEAAC#60Cu12p1250
1300	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,4%	95,1%	77,5%	73,9%	64,4%	H04TEAAC#60Cu12p1300
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,6%	75,4%	69,6%	57,8%	H04TEAAC#60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,7%	75,4%	69,8%	58,1%	H04TEAAC#60Cu12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	94,8%	75,5%	70,0%	58,5%	H04TEAAC#60Cu12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	94,9%	75,5%	70,1%	58,8%	H04TEAAC#60Cu12p2500
2750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,3%	95,0%	75,5%	70,3%	59,1%	H04TEAAC#60Cu12p2750

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Hz TEAAC enclosure											
2-pole											
2000	6811	8311	Sleeve	Oil self-cooled	95,2%	95,1%	94,4%	90,0%	87,7%	83,7%	H06TEAAC#60Cu02p2000
2250	6811	8311	Sleeve	Oil self-cooled	95,4%	95,4%	94,7%	90,4%	88,3%	84,7%	H06TEAAC#60Cu02p2250
2500	6812	8312	Sleeve	Oil self-cooled	95,7%	95,7%	95,1%	90,8%	88,8%	85,6%	H06TEAAC#60Cu02p2500
3000	6812	8312	Sleeve	Oil self-cooled	96,2%	96,2%	95,8%	91,6%	89,9%	87,5%	H06TEAAC#60Cu02p3000
3500	n.a.	8411	Sleeve	Oil forced	95,3%	94,8%	93,4%	90,6%	89,2%	86,9%	H06TEAAC#60Cu02p3500
4000	n.a.	8411E	Sleeve	Oil forced	95,5%	95,1%	93,8%	90,6%	89,1%	86,6%	H06TEAAC#60Cu02p4000
4500	n.a.	8411E	Sleeve	Oil forced	95,8%	95,4%	94,3%	90,5%	88,9%	86,2%	H06TEAAC#60Cu02p4500
5000	n.a.	8511	Sleeve	Oil forced	94,8%	94,3%	92,7%	90,7%	90,8%	88,9%	H06TEAAC#60Cu02p5000
5500	n.a.	8512	Sleeve	Oil forced	95,0%	94,5%	93,1%	90,5%	90,6%	88,6%	H06TEAAC#60Cu02p5500
6000	n.a.	8512	Sleeve	Oil forced	95,2%	94,8%	93,5%	90,2%	90,3%	88,2%	H06TEAAC#60Cu02p6000
7500	n.a.	8512	Sleeve	Oil forced	95,9%	95,6%	94,5%	89,5%	89,6%	87,2%	H06TEAAC#60Cu02p7500
8250	n.a.	8513	Sleeve	Oil forced	96,0%	95,9%	95,0%	91,7%	92,8%	92,6%	H06TEAAC#60Cu02p8250
8000	n.a.	8513	Sleeve	Oil forced	96,0%	95,8%	94,9%	91,0%	91,7%	90,8%	H06TEAAC#60Cu02p8000
4-pole											
1750	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,0%	94,2%	87,3%	83,9%	77,5%	H06TEAAC#60Cu04p1750
2000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,2%	94,6%	87,8%	84,7%	78,9%	H06TEAAC#60Cu04p2000
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,5%	95,0%	88,4%	85,6%	80,4%	H06TEAAC#60Cu04p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,8%	95,4%	88,9%	86,4%	81,8%	H06TEAAC#60Cu04p2500
3000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,6%	94,9%	86,9%	83,6%	77,5%	H06TEAAC#60Cu04p3000
3500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,8%	95,1%	86,5%	83,0%	76,5%	H06TEAAC#60Cu04p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,9%	95,3%	86,1%	82,3%	75,5%	H06TEAAC#60Cu04p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	94,6%	94,1%	92,4%	86,5%	84,9%	79,4%	H06TEAAC#60Cu04p4500
5000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	94,8%	94,3%	92,8%	86,8%	85,4%	80,4%	H06TEAAC#60Cu04p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,0%	94,6%	93,2%	87,1%	86,0%	81,3%	H06TEAAC#60Cu04p5500
6000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,2%	94,8%	93,6%	87,4%	86,5%	82,3%	H06TEAAC#60Cu04p6000
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,6%	95,3%	94,4%	88,0%	87,6%	84,2%	H06TEAAC#60Cu04p7000
8000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	95,9%	95,7%	94,8%	88,1%	87,0%	82,3%	H06TEAAC#60Cu04p8000
6-pole											
1250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,6%	94,0%	81,7%	78,6%	70,2%	H06TEAAC#60Cu06p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,9%	94,4%	81,4%	78,3%	69,9%	H06TEAAC#60Cu06p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	94,7%	81,2%	78,1%	69,5%	H06TEAAC#60Cu06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,5%	95,1%	80,9%	77,8%	69,2%	H06TEAAC#60Cu06p2000
2250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,8%	95,4%	85,2%	85,5%	80,3%	H06TEAAC#60Cu06p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,9%	95,6%	85,2%	85,4%	80,1%	H06TEAAC#60Cu06p2500
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	96,3%	95,9%	85,2%	85,2%	79,6%	H06TEAAC#60Cu06p3000
3500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,2%	95,7%	85,7%	84,9%	80,2%	H06TEAAC#60Cu06p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	95,9%	85,9%	85,1%	80,4%	H06TEAAC#60Cu06p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,5%	96,1%	86,0%	85,2%	80,6%	H06TEAAC#60Cu06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,6%	96,3%	86,2%	85,4%	80,8%	H06TEAAC#60Cu06p5000
5500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,7%	96,4%	86,6%	85,9%	81,5%	H06TEAAC#60Cu06p5500
8-pole											
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,0%	94,9%	79,4%	76,5%	67,3%	H06TEAAC#60Cu08p900
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,1%	95,0%	79,8%	77,1%	68,2%	H06TEAAC#60Cu08p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,3%	95,2%	80,7%	78,5%	70,5%	H06TEAAC#60Cu08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	95,5%	81,6%	80,0%	72,7%	H06TEAAC#60Cu08p1500
1600	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,8%	95,7%	84,8%	83,1%	77,0%	H06TEAAC#60Cu08p1600

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Hz TEAAC enclosure											
1750	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,8%	95,7%	84,6%	82,6%	76,1%	H06TEAAC#60Cu08p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,8%	95,6%	84,2%	81,8%	74,6%	H06TEAAC#60Cu08p2000
2250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,9%	95,6%	83,9%	81,0%	73,1%	H06TEAAC#60Cu08p2250
2500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,4%	96,2%	85,2%	83,5%	77,3%	H06TEAAC#60Cu08p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,5%	96,3%	85,1%	83,7%	77,9%	H06TEAAC#60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,6%	96,4%	85,0%	83,9%	78,4%	H06TEAAC#60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,6%	96,5%	84,9%	84,1%	79,0%	H06TEAAC#60Cu08p4000
4500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,6%	96,4%	84,0%	82,2%	75,7%	H06TEAAC#60Cu08p4500
10-pole											
600	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,4%	94,2%	78,1%	76,9%	67,4%	H06TEAAC#60Cu10p600
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,4%	78,6%	77,6%	68,6%	H06TEAAC#60Cu10p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,7%	94,6%	79,0%	78,4%	69,7%	H06TEAAC#60Cu10p800
900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,8%	94,7%	79,4%	79,1%	70,9%	H06TEAAC#60Cu10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,9%	94,9%	79,8%	79,8%	72,0%	H06TEAAC#60Cu10p1000
1050	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,0%	95,0%	80,0%	80,2%	72,6%	H06TEAAC#60Cu10p1050
1100	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,4%	95,1%	81,1%	78,4%	70,0%	H06TEAAC#60Cu10p1100
1250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,5%	95,2%	81,6%	79,2%	71,4%	H06TEAAC#60Cu10p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,6%	95,4%	82,3%	80,6%	73,6%	H06TEAAC#60Cu10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,7%	95,6%	83,0%	81,9%	75,9%	H06TEAAC#60Cu10p1750
2000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,8%	95,7%	83,0%	80,4%	72,4%	H06TEAAC#60Cu10p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,9%	95,8%	83,3%	81,1%	73,7%	H06TEAAC#60Cu10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	96,0%	96,0%	83,5%	81,8%	75,0%	H06TEAAC#60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,2%	96,3%	84,0%	83,2%	77,6%	H06TEAAC#60Cu10p3000
12-pole											
450	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,8%	93,1%	71,6%	66,6%	54,4%	H06TEAAC#60Cu12p450
500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,8%	93,1%	71,2%	66,1%	53,8%	H06TEAAC#60Cu12p500
600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,9%	93,2%	70,5%	65,1%	52,7%	H06TEAAC#60Cu12p600
700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,0%	93,2%	69,8%	64,1%	51,5%	H06TEAAC#60Cu12p700
800	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,8%	94,4%	77,9%	74,1%	64,3%	H06TEAAC#60Cu12p800
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,4%	77,7%	73,7%	63,7%	H06TEAAC#60Cu12p900
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,9%	94,5%	77,5%	73,3%	63,2%	H06TEAAC#60Cu12p1000
1200	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,5%	77,0%	72,4%	62,0%	H06TEAAC#60Cu12p1200
1500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,0%	94,8%	78,4%	74,0%	63,6%	H06TEAAC#60Cu12p1500
1750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,0%	94,8%	77,7%	73,1%	62,5%	H06TEAAC#60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,1%	94,8%	77,1%	72,2%	61,3%	H06TEAAC#60Cu12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,8%	76,4%	71,2%	60,2%	H06TEAAC#60Cu12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	94,8%	75,7%	70,3%	59,0%	H06TEAAC#60Cu12p2500

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz TEAAC enclosure											
2-pole											
1750	6812	8312	Sleeve	Oil self-cooled	94,8%	94,8%	94,0%	92,6%	91,0%	89,1%	H13TEAAC#60Cu02p1750
2000	n.a.	8411	Sleeve	Oil forced	93,0%	92,1%	90,0%	93,0%	91,7%	90,3%	H13TEAAC#60Cu02p2000
2250	n.a.	8411	Sleeve	Oil forced	93,4%	92,6%	90,6%	92,8%	91,5%	89,9%	H13TEAAC#60Cu02p2250
2500	n.a.	8411E	Sleeve	Oil forced	93,8%	93,1%	91,2%	92,6%	91,3%	89,6%	H13TEAAC#60Cu02p2500
3000	n.a.	8411E	Sleeve	Oil forced	94,6%	94,0%	92,4%	92,3%	90,8%	88,8%	H13TEAAC#60Cu02p3000
3500	n.a.	8512	Sleeve	Oil forced	93,6%	92,8%	90,8%	92,8%	93,6%	93,4%	H13TEAAC#60Cu02p3500
4000	n.a.	8512	Sleeve	Oil forced	94,0%	93,3%	91,5%	92,3%	92,8%	92,0%	H13TEAAC#60Cu02p4000
4500	n.a.	8512	Sleeve	Oil forced	94,5%	93,9%	92,1%	91,7%	92,0%	90,6%	H13TEAAC#60Cu02p4500
5000	n.a.	8513	Sleeve	Oil forced	94,7%	94,2%	92,7%	92,6%	93,3%	92,9%	H13TEAAC#60Cu02p5000
4-pole											
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,3%	93,6%	89,6%	86,7%	81,7%	H13TEAAC#60Cu04p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,7%	94,0%	87,3%	83,7%	77,2%	H13TEAAC#60Cu04p1750
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,5%	93,4%	85,5%	81,0%	72,9%	H13TEAAC#60Cu04p2000
2250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,8%	93,7%	85,1%	80,5%	72,4%	H13TEAAC#60Cu04p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,1%	94,0%	84,6%	80,0%	71,8%	H13TEAAC#60Cu04p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	93,3%	92,4%	90,2%	91,9%	91,8%	89,9%	H13TEAAC#60Cu04p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil Forced	93,7%	93,0%	91,1%	91,3%	91,2%	89,0%	H13TEAAC#60Cu04p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	94,2%	93,6%	91,9%	90,7%	90,5%	88,1%	H13TEAAC#60Cu04p4000
4700	n.a.	8513	AF / Sleeve	Grease / Oil Forced	94,6%	94,2%	92,8%	91,2%	91,0%	88,6%	H13TEAAC#60Cu04p4700
4500	n.a.	8513	AF / Sleeve	Grease / Oil Forced	94,5%	94,0%	92,5%	91,1%	90,9%	88,5%	H13TEAAC#60Cu04p4500
6-pole											
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,3%	92,1%	80,7%	75,9%	65,5%	H13TEAAC#60Cu06p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,6%	92,5%	80,6%	75,9%	65,6%	H13TEAAC#60Cu06p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,3%	93,6%	80,4%	75,9%	65,7%	H13TEAAC#60Cu06p1250
1500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,3%	95,0%	94,4%	85,0%	84,5%	78,3%	H13TEAAC#60Cu06p1500
1750	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,4%	95,2%	94,7%	84,7%	84,0%	77,4%	H13TEAAC#60Cu06p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,6%	95,4%	94,9%	84,4%	83,5%	76,4%	H13TEAAC#60Cu06p2000
2500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,1%	94,3%	84,0%	82,1%	75,6%	H13TEAAC#60Cu06p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,5%	94,8%	85,1%	83,5%	77,5%	H13TEAAC#60Cu06p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,9%	95,3%	86,2%	84,8%	79,4%	H13TEAAC#60Cu06p3500
3750	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,0%	95,5%	87,2%	86,0%	81,0%	H13TEAAC#60Cu06p3750
8-pole											
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,6%	94,4%	85,4%	83,4%	76,8%	H13TEAAC#60Cu08p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,7%	94,4%	85,2%	82,9%	75,9%	H13TEAAC#60Cu08p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,8%	94,5%	85,0%	82,4%	75,0%	H13TEAAC#60Cu08p1500
2000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,1%	94,7%	83,8%	80,5%	72,1%	H13TEAAC#60Cu08p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,2%	94,8%	83,5%	80,2%	71,8%	H13TEAAC#60Cu08p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,3%	94,9%	83,3%	80,0%	71,5%	H13TEAAC#60Cu08p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,5%	95,1%	82,7%	79,4%	70,8%	H13TEAAC#60Cu08p3000
3500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,8%	95,4%	82,2%	78,9%	70,2%	H13TEAAC#60Cu08p3500
10-pole											
850	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,1%	94,1%	93,6%	81,4%	77,7%	68,0%	H13TEAAC#60Cu10p850
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,2%	94,2%	93,7%	81,6%	78,0%	68,5%	H13TEAAC#60Cu10p900
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,3%	94,3%	93,9%	82,0%	78,6%	69,4%	H13TEAAC#60Cu10p1000
1200	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,6%	94,3%	82,7%	79,7%	71,2%	H13TEAAC#60Cu10p1200

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz TEAAC enclosure											
1500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,4%	95,1%	83,1%	81,1%	73,7%	H13TEAAC#60Cu10p1500
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,5%	95,2%	82,4%	79,9%	72,0%	H13TEAAC#60Cu10p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	95,2%	82,0%	79,3%	71,1%	H13TEAAC#60Cu10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,6%	95,2%	81,6%	78,7%	70,2%	H13TEAAC#60Cu10p2500
12-pole											
600	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,4%	92,5%	74,4%	67,9%	55,6%	H13TEAAC#60Cu12p600
700	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,6%	92,8%	75,1%	68,9%	57,0%	H13TEAAC#60Cu12p700
800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,9%	93,1%	75,8%	70,0%	58,3%	H13TEAAC#60Cu12p800
900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,1%	93,5%	76,5%	71,0%	59,7%	H13TEAAC#60Cu12p900
1250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,0%	93,6%	78,5%	73,8%	63,2%	H13TEAAC#60Cu12p1250
1500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,1%	93,8%	78,5%	73,8%	63,2%	H13TEAAC#60Cu12p1500
1750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,2%	93,9%	78,4%	73,8%	63,2%	H13TEAAC#60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,3%	94,1%	78,4%	73,8%	63,2%	H13TEAAC#60Cu12p2000

IEC horizontal cooper cage

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 01 or IC 81W cooling method										
2-pole										
1407	450G	Sleeve	Oil self-cooled	96,4%	96,3%	96,1%	91,5%	90,3%	88,5%	H04WP11#50Cu02p1887
1491	450G	Sleeve	Oil self-cooled	96,5%	96,3%	96,2%	91,5%	90,5%	88,9%	H04WP11#50Cu02p2000
1678	450F	Sleeve	Oil self-cooled	96,5%	96,4%	96,3%	91,7%	90,9%	89,7%	H04WP11#50Cu02p2250
1864	450F	Sleeve	Oil self-cooled	96,6%	96,5%	96,4%	91,9%	91,3%	90,6%	H04WP11#50Cu02p2500
2204	450F	Sleeve	Oil self-cooled	96,7%	96,7%	96,7%	92,2%	92,1%	92,1%	H04WP11#50Cu02p2955
2240	500G	Sleeve	Oil forced	96,6%	96,1%	95,6%	89,6%	88,1%	85,1%	H04WP11#50Cu02p3004
2610	500G	Sleeve	Oil forced	96,7%	96,3%	95,8%	90,0%	88,5%	85,8%	H04WP11#50Cu02p3500
2983	500F	Sleeve	Oil forced	96,8%	96,4%	95,9%	90,4%	89,0%	86,5%	H04WP11#50Cu02p4000
3356	500F	Sleeve	Oil forced	96,9%	96,5%	96,1%	90,7%	89,4%	87,2%	H04WP11#50Cu02p4500
3700	500F	Sleeve	Oil forced	97,1%	96,7%	96,2%	91,1%	89,8%	87,8%	H04WP11#50Cu02p4962
3800	560G	Sleeve	Oil forced	96,8%	96,4%	95,8%	90,2%	90,5%	88,4%	H04WP11#50Cu02p5096
4474	560F	Sleeve	Oil forced	96,9%	96,5%	95,9%	90,1%	90,4%	88,2%	H04WP11#50Cu02p6000
5220	560F	Sleeve	Oil forced	97,0%	96,6%	96,1%	89,9%	90,2%	88,0%	H04WP11#50Cu02p7000
5966	560F	Sleeve	Oil forced	97,1%	96,8%	96,3%	89,7%	90,0%	87,9%	H04WP11#50Cu02p8000
6200	560F	Sleeve	Oil forced	97,1%	96,8%	96,3%	89,7%	90,0%	87,8%	H04WP11#50Cu02p8314
7000	560E	Sleeve	Oil forced	97,3%	96,9%	96,4%	91,4%	92,1%	91,0%	H04WP11#50Cu02p9387
6711	560E	Sleeve	Oil forced	97,2%	96,9%	96,4%	90,8%	91,3%	89,8%	H04WP11#50Cu02p9000
4-pole										
1400	450G	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,7%	95,5%	85,5%	82,4%	76,0%	H04WP11#50Cu04p1877
1491	450G	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,8%	95,6%	85,8%	82,8%	76,7%	H04WP11#50Cu04p2000
1678	450F	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,9%	95,7%	86,4%	83,6%	78,0%	H04WP11#50Cu04p2250
1864	450F	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,0%	95,8%	86,9%	84,5%	79,3%	H04WP11#50Cu04p2500
2100	450F	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,1%	96,0%	87,7%	85,5%	81,0%	H04WP11#50Cu04p2816
2200	500G	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,0%	95,4%	85,1%	81,2%	73,9%	H04WP11#50Cu04p2950
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,0%	95,4%	85,1%	81,3%	74,1%	H04WP11#50Cu04p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,1%	95,7%	85,7%	82,4%	76,0%	H04WP11#50Cu04p3500
2983	500F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,2%	95,9%	86,2%	83,4%	77,9%	H04WP11#50Cu04p4000
3250	500F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,3%	96,0%	86,6%	84,2%	79,2%	H04WP11#50Cu04p4358
3400	560G	AF / Sleeve	Grease / Oil Forced	96,8%	96,6%	96,3%	87,8%	87,2%	83,1%	H04WP11#50Cu04p4559
3729	560G	AF / Sleeve	Grease / Oil Forced	96,8%	96,6%	96,4%	88,0%	87,6%	83,9%	H04WP11#50Cu04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,9%	96,7%	96,5%	88,1%	88,0%	84,7%	H04WP11#50Cu04p5500
4474	560F	AF / Sleeve	Grease / Oil Forced	96,9%	96,8%	96,6%	88,3%	88,4%	85,6%	H04WP11#50Cu04p6000
5220	560F	AF / Sleeve	Grease / Oil Forced	97,0%	96,9%	96,8%	88,7%	89,3%	87,3%	H04WP11#50Cu04p7000
5500	560F	AF / Sleeve	Grease / Oil Forced	97,0%	97,0%	96,9%	88,8%	89,6%	88,0%	H04WP11#50Cu04p7376
6300	560E	AF / Sleeve	Grease / Oil Forced	97,2%	97,1%	96,9%	89,0%	89,4%	87,2%	H04WP11#50Cu04p8448
5966	560E	AF / Sleeve	Grease / Oil Forced	97,1%	97,0%	96,9%	88,9%	89,5%	87,5%	H04WP11#50Cu04p8000
6-pole										
1000	450G	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,3%	95,1%	83,4%	81,5%	74,6%	H04WP11#50Cu06p1341
1119	450F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,3%	95,2%	82,8%	80,7%	73,5%	H04WP11#50Cu06p1500
1305	450F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,5%	95,3%	81,8%	79,4%	71,8%	H04WP11#50Cu06p1750
1491	450F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,6%	95,4%	80,8%	78,2%	70,0%	H04WP11#50Cu06p2000
1550	450F	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,6%	95,4%	80,5%	77,8%	69,5%	H04WP11#50Cu06p2079
1800	500G	AF / Sleeve	Grease / Oil self-cooled	94,7%	96,0%	95,8%	83,7%	84,0%	78,5%	H04WP11#50Cu06p2414



Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 01 or IC 81W cooling method										
1864	500G	AF / Sleeve	Grease / Oil self-cooled	94,7%	96,0%	95,8%	83,7%	84,1%	78,7%	H04WP11##50Cu06p2500
2237	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	96,2%	96,0%	83,8%	84,5%	79,6%	H04WP11##50Cu06p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,3%	96,2%	83,8%	84,9%	80,5%	H04WP11##50Cu06p3500
2700	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,4%	96,2%	83,8%	85,0%	80,7%	H04WP11##50Cu06p3621
2983	560G	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,4%	96,0%	83,9%	82,7%	77,0%	H04WP11##50Cu06p4000
3356	560F	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,4%	96,1%	84,1%	83,1%	77,5%	H04WP11##50Cu06p4500
3729	560F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,4%	96,1%	84,4%	83,4%	78,1%	H04WP11##50Cu06p5000
4100	560F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,5%	96,1%	84,6%	83,7%	78,6%	H04WP11##50Cu06p5498
4500	560E	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,6%	96,3%	85,4%	84,8%	80,3%	H04WP11##50Cu06p6034
4474	560E	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,6%	96,3%	85,3%	84,7%	80,2%	H04WP11##50Cu06p6000
8-pole										
710	450G	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,4%	78,8%	76,1%	67,0%	H04WP11##50Cu08p952
746	450G	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,4%	78,9%	76,2%	67,2%	H04WP11##50Cu08p1000
932	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,8%	94,6%	79,2%	77,0%	68,4%	H04WP11##50Cu08p1250
1119	450F	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,0%	94,8%	79,6%	77,7%	69,6%	H04WP11##50Cu08p1500
1150	450F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,9%	79,6%	77,8%	69,8%	H04WP11##50Cu08p1542
1250	500G	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,6%	95,6%	83,3%	81,3%	74,4%	H04WP11##50Cu08p1676
1305	500G	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,6%	95,6%	83,3%	81,3%	74,3%	H04WP11##50Cu08p1750
1491	500F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,7%	95,7%	83,3%	81,2%	74,1%	H04WP11##50Cu08p2000
1678	500F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,7%	95,7%	83,3%	81,1%	73,9%	H04WP11##50Cu08p2250
1800	500F	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,7%	83,3%	81,0%	73,8%	H04WP11##50Cu08p2414
1900	560G	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,7%	82,9%	79,8%	71,4%	H04WP11##50Cu08p2548
2237	560F	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,0%	95,7%	82,9%	80,1%	72,1%	H04WP11##50Cu08p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,0%	95,8%	83,0%	80,5%	72,9%	H04WP11##50Cu08p3500
2983	560F	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,0%	95,8%	83,0%	80,9%	73,6%	H04WP11##50Cu08p4000
3400	560F	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,0%	95,9%	83,1%	81,3%	74,5%	H04WP11##50Cu08p4559
3800	560E	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,1%	96,1%	84,3%	83,5%	78,1%	H04WP11##50Cu08p5096
10-pole										
500	450G	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,1%	93,6%	78,1%	77,5%	68,6%	H04WP11##50Cu10p671
522	450G	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,1%	93,7%	78,2%	77,6%	68,8%	H04WP11##50Cu10p700
597	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,2%	93,8%	78,4%	78,1%	69,4%	H04WP11##50Cu10p800
671	450F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,3%	93,9%	78,7%	78,5%	70,1%	H04WP11##50Cu10p900
746	450F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,4%	94,0%	78,9%	78,9%	70,7%	H04WP11##50Cu10p1000
780	450F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,4%	94,1%	79,0%	79,1%	71,0%	H04WP11##50Cu10p1046
900	500G	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,2%	95,1%	80,8%	78,3%	70,2%	H04WP11##50Cu10p1207
932	500G	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,2%	95,1%	80,8%	78,3%	70,1%	H04WP11##50Cu10p1250
1119	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,1%	80,6%	78,0%	69,7%	H04WP11##50Cu10p1500
1305	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,4%	95,2%	80,4%	77,8%	69,3%	H04WP11##50Cu10p1750
1350	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,4%	95,2%	80,3%	77,7%	69,2%	H04WP11##50Cu10p1810
1500	560G	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,6%	95,4%	83,1%	81,3%	74,1%	H04WP11##50Cu10p2012
1678	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,6%	95,4%	83,0%	81,3%	74,2%	H04WP11##50Cu10p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,6%	95,5%	82,8%	81,2%	74,3%	H04WP11##50Cu10p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,7%	95,5%	82,5%	81,2%	74,6%	H04WP11##50Cu10p3000
2600	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,7%	95,6%	82,2%	81,1%	74,8%	H04WP11##50Cu10p3487

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 01 or IC 81W cooling method										
12-pole										
355	450G	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,0%	92,0%	71,1%	66,4%	54,4%	H04WP11##50Cu12p476
373	450G	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,0%	92,1%	71,3%	66,7%	54,9%	H04WP11##50Cu12p500
447	450F	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,3%	92,4%	72,3%	68,2%	56,7%	H04WP11##50Cu12p600
522	450F	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,5%	92,8%	73,2%	69,7%	58,6%	H04WP11##50Cu12p700
560	450F	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,6%	93,0%	73,7%	70,4%	59,8%	H04WP11##50Cu12p751
630	500G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,7%	94,5%	77,7%	74,4%	65,2%	H04WP11##50Cu12p845
671	500G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,7%	94,5%	77,6%	74,3%	65,0%	H04WP11##50Cu12p900
746	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,7%	94,5%	77,5%	74,0%	64,6%	H04WP11##50Cu12p1000
932	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,8%	94,5%	77,1%	73,3%	63,8%	H04WP11##50Cu12p1250
970	500F	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,8%	94,5%	77,0%	73,2%	63,4%	H04WP11##50Cu12p1301
1100	560G	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,3%	77,7%	73,6%	63,5%	H04WP11##50Cu12p1475
1119	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,3%	77,7%	73,6%	63,5%	H04WP11##50Cu12p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,4%	77,5%	73,6%	63,8%	H04WP11##50Cu12p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,4%	77,4%	73,6%	63,7%	H04WP11##50Cu12p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,8%	94,5%	77,2%	73,5%	63,8%	H04WP11##50Cu12p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,8%	94,6%	77,1%	73,5%	63,9%	H04WP11##50Cu12p2500
1950	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,8%	94,6%	77,0%	73,5%	64,0%	H04WP11##50Cu12p2615

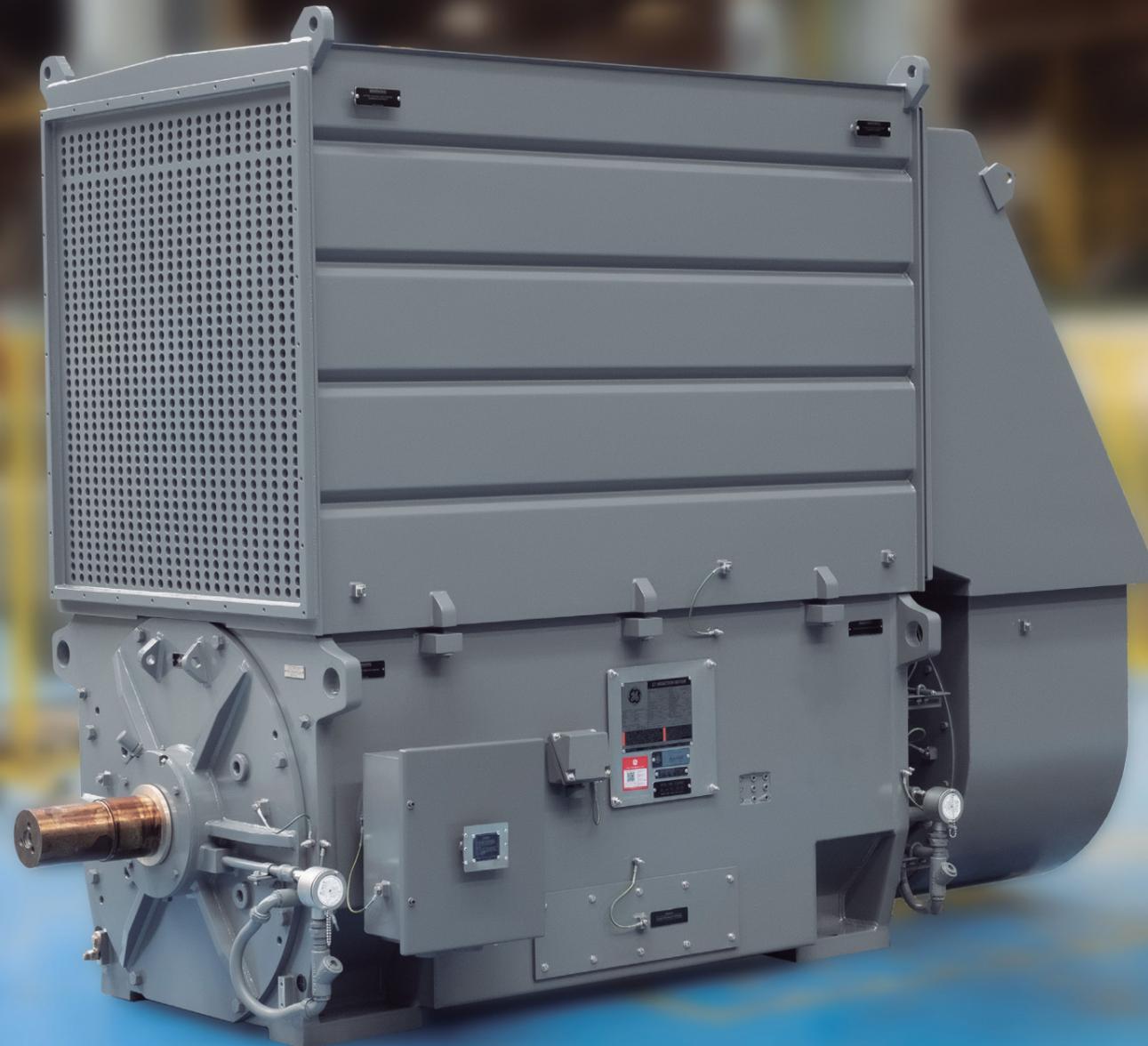


Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 01 or IC 81W cooling method										
2-pole										
1400	450G	Sleeve	Oil self-cooled	96,1%	95,9%	95,6%	89,7%	88,6%	86,2%	H06WPII##50Cu02p1877
1491	450G	Sleeve	Oil self-cooled	96,2%	96,0%	95,7%	89,7%	88,6%	86,3%	H06WPII##50Cu02p2000
1678	450F	Sleeve	Oil self-cooled	96,3%	96,1%	95,8%	89,7%	88,7%	86,5%	H06WPII##50Cu02p2250
1864	450F	Sleeve	Oil self-cooled	96,4%	96,2%	96,0%	89,7%	88,8%	86,8%	H06WPII##50Cu02p2500
2237	450F	Sleeve	Oil self-cooled	96,6%	96,5%	96,3%	89,7%	89,0%	87,2%	H06WPII##50Cu02p3000
2400	450F	Sleeve	Oil self-cooled	96,7%	96,6%	96,5%	89,7%	89,1%	87,4%	H06WPII##50Cu02p3218
2500	500G	Sleeve	Oil forced	96,8%	96,3%	95,8%	90,4%	89,2%	86,9%	H06WPII##50Cu02p3353
2983	500F	Sleeve	Oil forced	96,9%	96,5%	96,1%	90,9%	90,0%	88,3%	H06WPII##50Cu02p4000
3356	500F	Sleeve	Oil forced	97,0%	96,6%	96,3%	91,2%	90,6%	89,5%	H06WPII##50Cu02p4500
3500	500F	Sleeve	Oil forced	97,0%	96,7%	96,4%	91,4%	90,8%	89,9%	H06WPII##50Cu02p4694
3600	560G	Sleeve	Oil forced	96,6%	96,1%	95,5%	90,4%	90,7%	88,7%	H06WPII##50Cu02p4828
3729	560F	Sleeve	Oil forced	96,6%	96,2%	95,5%	90,4%	90,7%	88,7%	H06WPII##50Cu02p5000
4101	560F	Sleeve	Oil forced	96,7%	96,3%	95,6%	90,3%	90,6%	88,6%	H06WPII##50Cu02p5500
4474	560F	Sleeve	Oil forced	96,8%	96,3%	95,8%	90,2%	90,5%	88,5%	H06WPII##50Cu02p6000
5220	560F	Sleeve	Oil forced	96,9%	96,5%	96,0%	90,1%	90,3%	88,3%	H06WPII##50Cu02p7000
5900	560F	Sleeve	Oil forced	97,0%	96,7%	96,2%	90,0%	90,2%	88,1%	H06WPII##50Cu02p7912
6800	560E	Sleeve	Oil forced	97,2%	96,8%	96,2%	90,9%	91,3%	89,6%	H06WPII##50Cu02p9119
6711	560E	Sleeve	Oil forced	97,1%	96,8%	96,2%	90,8%	91,2%	89,5%	H06WPII##50Cu02p9000
5966	560E	Sleeve	Oil forced	97,0%	96,7%	96,2%	90,1%	90,3%	88,2%	H06WPII##50Cu02p8000
4-pole										
1400	450G	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,6%	95,2%	85,0%	81,6%	74,7%	H06WPII##50Cu04p1877
1491	450G	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,6%	95,3%	85,2%	82,1%	75,6%	H06WPII##50Cu04p2000
1678	450F	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,8%	95,5%	85,8%	83,1%	77,4%	H06WPII##50Cu04p2250
1864	450F	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,9%	95,8%	86,4%	84,2%	79,2%	H06WPII##50Cu04p2500
2100	450F	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,1%	96,0%	87,2%	85,5%	81,5%	H06WPII##50Cu04p2816
2150	500G	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,2%	95,8%	86,3%	82,7%	75,9%	H06WPII##50Cu04p2883
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,2%	95,8%	86,3%	82,9%	76,2%	H06WPII##50Cu04p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,3%	96,0%	86,7%	83,5%	77,4%	H06WPII##50Cu04p3500
2983	500F	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,4%	96,1%	87,0%	84,1%	78,6%	H06WPII##50Cu04p4000
3250	500F	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,5%	96,3%	87,2%	84,6%	79,5%	H06WPII##50Cu04p4358
3400	560G	AF / Sleeve	Grease / Oil Forced	96,9%	96,6%	96,4%	87,9%	87,5%	83,8%	H06WPII##50Cu04p4559
3729	560G	AF / Sleeve	Grease / Oil Forced	96,9%	96,7%	96,4%	88,0%	87,8%	84,3%	H06WPII##50Cu04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,9%	96,8%	96,5%	88,2%	88,1%	84,9%	H06WPII##50Cu04p5500
4474	560F	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,6%	88,4%	88,4%	85,5%	H06WPII##50Cu04p6000
5200	560F	AF / Sleeve	Grease / Oil Forced	97,1%	96,9%	96,7%	88,7%	89,0%	86,7%	H06WPII##50Cu04p6973
5900	560E	AF / Sleeve	Grease / Oil Forced	97,2%	97,0%	96,7%	88,8%	88,6%	85,6%	H06WPII##50Cu04p7912
5220	560E	AF / Sleeve	Grease / Oil Forced	97,1%	96,9%	96,7%	88,7%	89,0%	86,7%	H06WPII##50Cu04p7000
6-pole										
950	450G	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,0%	94,7%	80,4%	77,1%	68,0%	H06WPII##50Cu06p1274
1119	450F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,0%	94,7%	80,3%	77,1%	68,1%	H06WPII##50Cu06p1500
1305	450F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,1%	94,8%	80,2%	77,1%	68,3%	H06WPII##50Cu06p1750
1491	450F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,2%	94,9%	80,1%	77,1%	68,4%	H06WPII##50Cu06p2000
1500	450F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,2%	94,9%	80,1%	77,1%	68,4%	H06WPII##50Cu06p2012
1600	500G	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,8%	95,7%	83,5%	84,2%	79,1%	H06WPII##50Cu06p2146
1678	500G	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,8%	95,7%	83,6%	84,3%	79,3%	H06WPII##50Cu06p2250
1864	500G	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,9%	95,7%	83,7%	84,5%	79,7%	H06WPII##50Cu06p2500
2237	500F	AF / Sleeve	Grease / Oil self-cooled	94,7%	96,1%	95,9%	84,0%	84,9%	80,4%	H06WPII##50Cu06p3000
2450	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	96,2%	96,0%	84,1%	85,2%	80,9%	H06WPII##50Cu06p3285

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 01 or IC 81W cooling method										
8-pole										
2600	560G	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,3%	95,9%	83,9%	82,6%	76,7%	H06WPII##50Cu06p3487
2610	560G	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,3%	95,9%	83,9%	82,6%	76,7%	H06WPII##50Cu06p3500
2983	560F	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,4%	96,1%	84,0%	83,0%	77,4%	H06WPII##50Cu06p4000
3729	560F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,5%	96,3%	84,3%	83,7%	78,8%	H06WPII##50Cu06p5000
4000	560F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,6%	96,4%	84,4%	84,0%	79,3%	H06WPII##50Cu06p5364
4400	560E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,7%	96,5%	85,3%	85,1%	81,1%	H06WPII##50Cu06p5900
4101	560E	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,6%	96,4%	84,6%	84,3%	79,8%	H06WPII##50Cu06p5500
10-pole										
450	450G	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,8%	93,3%	77,5%	75,9%	65,8%	H06WPII##50Cu10p603
522	450G	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,0%	93,6%	77,1%	75,5%	65,4%	H06WPII##50Cu10p700
597	450F	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,2%	93,9%	76,7%	75,1%	65,0%	H06WPII##50Cu10p800
671	450F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,4%	94,2%	76,3%	74,8%	64,7%	H06WPII##50Cu10p900
740	450F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,5%	94,4%	75,9%	74,4%	64,3%	H06WPII##50Cu10p992
800	500G	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,9%	94,8%	80,5%	77,9%	69,6%	H06WPII##50Cu10p1073
932	500G	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,1%	95,0%	80,9%	78,5%	70,5%	H06WPII##50Cu10p1250
1119	500F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,2%	95,2%	81,5%	79,3%	71,7%	H06WPII##50Cu10p1500
1250	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,4%	95,3%	81,8%	79,9%	72,5%	H06WPII##50Cu10p1676
1400	560G	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,2%	82,0%	79,5%	71,4%	H06WPII##50Cu10p1877
1491	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,2%	82,0%	79,6%	71,6%	H06WPII##50Cu10p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,3%	82,0%	79,7%	72,0%	H06WPII##50Cu10p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,6%	95,3%	81,9%	79,9%	72,3%	H06WPII##50Cu10p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,6%	95,4%	81,9%	80,2%	73,1%	H06WPII##50Cu10p3000
2400	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,6%	95,5%	81,8%	80,3%	73,4%	H06WPII##50Cu10p3218
12-pole										
315	450G	AF / Sleeve	Grease / Oil self-cooled	93,4%	92,7%	91,4%	68,1%	61,8%	49,0%	H06WPII##50Cu12p422
336	450F	AF / Sleeve	Grease / Oil self-cooled	93,4%	92,7%	91,5%	68,4%	62,2%	49,5%	H06WPII##50Cu12p450
373	450F	AF / Sleeve	Grease / Oil self-cooled	93,5%	92,8%	91,7%	68,9%	63,0%	50,3%	H06WPII##50Cu12p500
447	450F	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,1%	92,0%	69,9%	64,4%	52,0%	H06WPII##50Cu12p600
500	450F	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,2%	92,3%	70,6%	65,5%	53,2%	H06WPII##50Cu12p671
560	500G	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,4%	94,2%	76,3%	72,2%	62,1%	H06WPII##50Cu12p751
597	500G	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,5%	94,2%	76,2%	72,1%	61,9%	H06WPII##50Cu12p800

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 01 or IC 81W cooling method										
671	500G	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,5%	94,2%	76,0%	71,7%	61,5%	H06WPII##50Cu12p900
746	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,5%	94,2%	75,8%	71,4%	61,1%	H06WPII##50Cu12p1000
930	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,6%	94,2%	75,3%	70,7%	60,1%	H06WPII##50Cu12p1247
1100	560G	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,1%	93,6%	76,3%	70,9%	59,5%	H06WPII##50Cu12p1475
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,1%	93,6%	76,3%	71,0%	59,6%	H06WPII##50Cu12p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,2%	93,8%	76,5%	71,5%	60,3%	H06WPII##50Cu12p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,2%	93,9%	76,7%	72,0%	61,1%	H06WPII##50Cu12p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,3%	94,0%	77,0%	72,5%	61,9%	H06WPII##50Cu12p2250
1800	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,3%	94,1%	77,1%	72,8%	62,4%	H06WPII##50Cu12p2414

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 Hz IC 01 or IC 81W cooling method										
2-pole										
1530	450F	Sleeve	Oil self-cooled	96,0%	95,8%	95,6%	92,6%	91,5%	90,2%	H11WPII##50Cu02p2052
1600	500G	Sleeve	Oil forced	96,3%	95,7%	95,0%	91,4%	89,6%	86,7%	H11WPII##50Cu02p2146
1678	500G	Sleeve	Oil forced	96,3%	95,7%	95,0%	91,3%	89,6%	86,6%	H11WPII##50Cu02p2250
1864	500G	Sleeve	Oil forced	96,4%	95,8%	95,1%	91,3%	89,5%	86,4%	H11WPII##50Cu02p2500
2237	500F	Sleeve	Oil forced	96,4%	95,9%	95,2%	91,2%	89,3%	86,1%	H11WPII##50Cu02p3000
2550	500F	Sleeve	Oil forced	96,5%	96,0%	95,4%	91,2%	89,1%	85,8%	H11WPII##50Cu02p3420
2700	560G	Sleeve	Oil forced	96,3%	95,8%	95,0%	88,8%	88,5%	85,4%	H11WPII##50Cu02p3621
2983	560G	Sleeve	Oil forced	96,4%	95,9%	95,2%	88,9%	88,7%	85,7%	H11WPII##50Cu02p4000
3356	560F	Sleeve	Oil forced	96,5%	96,0%	95,3%	89,1%	88,9%	86,1%	H11WPII##50Cu02p4500
3729	560F	Sleeve	Oil forced	96,6%	96,1%	95,5%	89,3%	89,2%	86,5%	H11WPII##50Cu02p5000
4101	560F	Sleeve	Oil forced	96,7%	96,3%	95,7%	89,5%	89,5%	86,9%	H11WPII##50Cu02p5500
4474	560F	Sleeve	Oil forced	96,8%	96,4%	95,9%	89,6%	89,7%	87,4%	H11WPII##50Cu02p6000
4600	560F	Sleeve	Oil forced	96,8%	96,5%	95,9%	89,7%	89,8%	87,5%	H11WPII##50Cu02p6169
5000	560E	Sleeve	Oil forced	96,7%	96,3%	95,7%	90,9%	91,4%	89,9%	H11WPII##50Cu02p6705
4-pole										
900	450G	AF / Sleeve	Grease / Oil self-cooled	95,5%	94,9%	94,5%	89,0%	85,9%	80,1%	H11WPII##50Cu04p1207
932	450G	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,0%	94,6%	89,0%	85,9%	80,2%	H11WPII##50Cu04p1250
1119	450G	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,1%	94,8%	88,9%	86,0%	80,6%	H11WPII##50Cu04p1500
1491	450F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,5%	95,3%	88,6%	86,2%	81,5%	H11WPII##50Cu04p2000
1600	450F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,6%	95,4%	88,5%	86,2%	81,7%	H11WPII##50Cu04p2146
1800	500F	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,7%	95,1%	88,0%	84,8%	78,8%	H11WPII##50Cu04p2414
1864	500F	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,7%	95,2%	88,0%	84,8%	78,9%	H11WPII##50Cu04p2500
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,8%	95,3%	87,9%	85,1%	79,7%	H11WPII##50Cu04p3000
2400	500F	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,8%	95,4%	87,8%	85,2%	80,0%	H11WPII##50Cu04p3218
2500	560G	AF / Sleeve	Grease / Oil Forced	96,5%	96,1%	95,5%	87,7%	86,4%	81,2%	H11WPII##50Cu04p3353
2983	560G	AF / Sleeve	Grease / Oil Forced	96,6%	96,2%	95,8%	88,0%	87,0%	82,3%	H11WPII##50Cu04p4000
3356	560F	AF / Sleeve	Grease / Oil Forced	96,6%	96,3%	96,0%	88,3%	87,5%	83,2%	H11WPII##50Cu04p4500
3729	560F	AF / Sleeve	Grease / Oil Forced	96,7%	96,5%	96,1%	88,5%	87,9%	84,1%	H11WPII##50Cu04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,8%	96,6%	96,3%	88,7%	88,4%	85,0%	H11WPII##50Cu04p5500
4200	560F	AF / Sleeve	Grease / Oil Forced	96,8%	96,6%	96,4%	88,8%	88,5%	85,2%	H11WPII##50Cu04p5632
4550	560E	AF / Sleeve	Grease / Oil Forced	96,4%	96,0%	95,4%	89,1%	89,3%	86,7%	H11WPII##50Cu04p6101
4474	560E	AF / Sleeve	Grease / Oil Forced	96,5%	96,1%	95,6%	89,0%	89,1%	86,4%	H11WPII##50Cu04p6000
6-pole										
630	450G	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	93,6%	81,2%	76,9%	66,9%	H11WPII##50Cu06p845
671	450F	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	93,7%	81,0%	76,8%	66,8%	H11WPII##50Cu06p900
746	450F	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,4%	93,8%	80,7%	76,6%	66,8%	H11WPII##50Cu06p1000
932	450F	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,6%	94,1%	80,0%	76,1%	66,5%	H11WPII##50Cu06p1250
1100	450F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,4%	79,3%	75,7%	66,3%	H11WPII##50Cu06p1475
1250	500G	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,2%	94,9%	83,6%	83,5%	77,3%	H11WPII##50Cu06p1676
1305	500G	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,2%	94,9%	83,7%	83,5%	77,3%	H11WPII##50Cu06p1750
1491	500G	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,3%	95,0%	83,9%	83,7%	77,4%	H11WPII##50Cu06p2000
1678	500F	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,4%	95,1%	84,0%	83,8%	77,6%	H11WPII##50Cu06p2250
1750	500F	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,5%	95,2%	84,1%	83,9%	77,6%	H11WPII##50Cu06p2347
2000	560G	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,7%	95,4%	84,0%	82,5%	76,3%	H11WPII##50Cu06p2682
2237	560G	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,8%	95,5%	84,4%	83,1%	77,3%	H11WPII##50Cu06p3000

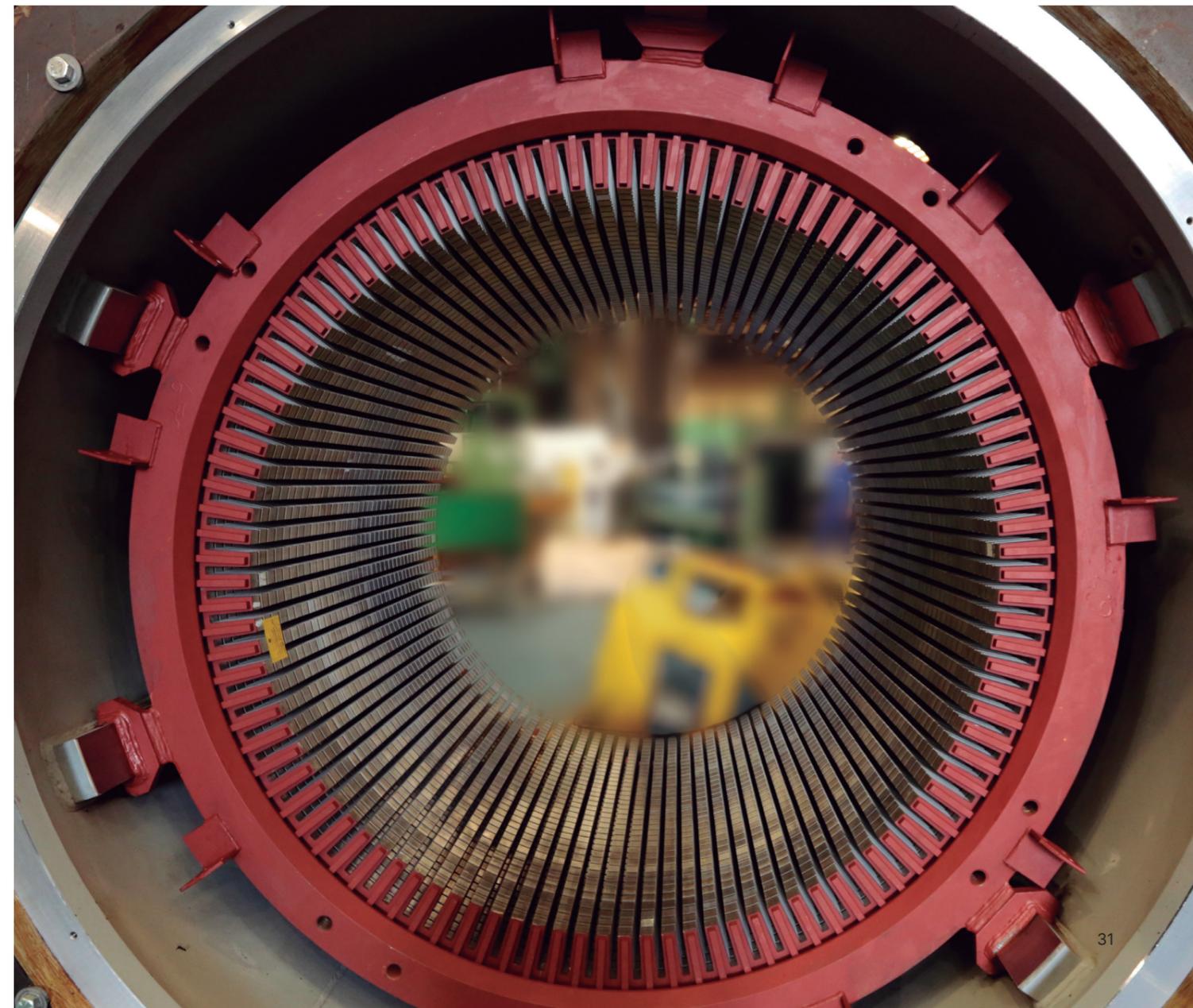


Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 Hz IC 01 or IC 81W cooling method										
2610	560F	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,7%	85,0%	84,0%	78,8%	H11WPII##50Cu06p3500
2983	560F	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,9%	85,6%	85,0%	80,3%	H11WPII##50Cu06p4000
3200	560F	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,2%	96,0%	85,9%	85,5%	81,2%	H11WPII##50Cu06p4291
3700	560E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,3%	96,0%	85,0%	83,6%	77,7%	H11WPII##50Cu06p4962
3356	560E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,3%	96,0%	85,6%	84,9%	80,1%	H11WPII##50Cu06p4500
8-pole										
710	500G	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,3%	94,4%	85,5%	83,5%	76,9%	H11WPII##50Cu08p952
746	500G	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,3%	94,4%	85,4%	83,4%	76,7%	H11WPII##50Cu08p1000
932	500G	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,5%	94,5%	85,2%	82,7%	75,5%	H11WPII##50Cu08p1250
1119	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,8%	94,6%	84,9%	82,1%	74,3%	H11WPII##50Cu08p1500
1250	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,7%	94,6%	84,7%	81,6%	73,4%	H11WPII##50Cu08p1676
1400	560G	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,1%	95,0%	86,4%	85,1%	79,6%	H11WPII##50Cu08p1877
1491	560G	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,2%	95,1%	86,2%	84,9%	79,2%	H11WPII##50Cu08p2000
1678	560G	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,2%	95,1%	85,8%	84,3%	78,5%	H11WPII##50Cu08p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,3%	95,2%	85,4%	83,8%	77,7%	H11WPII##50Cu08p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,4%	95,2%	84,7%	82,8%	76,3%	H11WPII##50Cu08p3000
2500	560F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,5%	95,3%	84,1%	82,1%	75,2%	H11WPII##50Cu08p3353
2900	560E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,6%	95,6%	85,9%	85,3%	80,6%	H11WPII##50Cu08p3889
2610	560E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,5%	95,4%	84,6%	83,0%	76,7%	H11WPII##50Cu08p3500
10-pole										
560	500G	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,1%	93,6%	79,6%	75,2%	64,7%	H11WPII##50Cu10p751
597	500G	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,2%	93,7%	79,7%	75,2%	64,7%	H11WPII##50Cu10p800
671	500G	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,3%	93,8%	79,7%	75,3%	64,8%	H11WPII##50Cu10p900
746	500F	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,4%	93,8%	79,8%	75,3%	64,8%	H11WPII##50Cu10p1000
850	500F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,5%	94,0%	79,8%	75,4%	64,9%	H11WPII##50Cu10p1140
1000	560G	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,8%	94,1%	80,7%	76,8%	66,9%	H11WPII##50Cu10p1341
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,9%	94,2%	81,0%	77,4%	67,9%	H11WPII##50Cu10p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,4%	81,4%	78,3%	69,5%	H11WPII##50Cu10p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,6%	81,8%	79,2%	71,1%	H11WPII##50Cu10p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,1%	94,8%	82,2%	80,2%	72,8%	H11WPII##50Cu10p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,2%	95,0%	82,5%	81,1%	74,4%	H11WPII##50Cu10p2500
1950	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,3%	95,1%	82,7%	81,5%	75,1%	H11WPII##50Cu10p2615
12-pole										
400	500G	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,3%	92,5%	73,7%	67,2%	55,0%	H11WPII##50Cu12p536
447	500G	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,5%	92,7%	74,3%	68,1%	56,1%	H11WPII##50Cu12p600
522	500F	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,8%	93,1%	75,2%	69,4%	57,8%	H11WPII##50Cu12p700
630	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,2%	93,7%	76,6%	71,4%	60,2%	H11WPII##50Cu12p845
800	560G	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,1%	93,4%	77,9%	73,2%	62,5%	H11WPII##50Cu12p1073
932	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,2%	93,6%	78,3%	73,9%	63,5%	H11WPII##50Cu12p1250
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,3%	93,9%	78,9%	75,0%	65,0%	H11WPII##50Cu12p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,5%	94,2%	79,6%	76,0%	66,5%	H11WPII##50Cu12p1750
1320	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,5%	94,2%	79,6%	76,1%	66,6%	H11WPII##50Cu12p1770

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 611 cooling method										
2-pole										
1250	450G	Sleeve	Oil self-cooled	95,5%	94,7%	93,8%	91,4%	89,6%	86,8%	H04TEAAC#50Cu02p1676
1305	450G	Sleeve	Oil self-cooled	95,5%	94,8%	93,9%	91,4%	89,7%	87,0%	H04TEAAC#50Cu02p1750
1491	450F	Sleeve	Oil self-cooled	95,7%	95,1%	94,2%	91,6%	90,1%	87,6%	H04TEAAC#50Cu02p2000
1678	450F	Sleeve	Oil self-cooled	95,9%	95,4%	94,6%	91,9%	90,4%	88,2%	H04TEAAC#50Cu02p2250
1864	450F	Sleeve	Oil self-cooled	96,1%	95,8%	95,0%	92,1%	90,8%	88,8%	H04TEAAC#50Cu02p2500
2100	450F	Sleeve	Oil self-cooled	96,4%	96,0%	95,4%	92,4%	91,2%	89,6%	H04TEAAC#50Cu02p2816
2200	500G	Sleeve	Oil forced	96,4%	95,7%	94,8%	90,6%	88,7%	85,5%	H04TEAAC#50Cu02p2950
2237	500F	Sleeve	Oil forced	96,5%	95,7%	94,9%	90,7%	88,8%	85,6%	H04TEAAC#50Cu02p3000
2983	500F	Sleeve	Oil forced	96,9%	96,3%	95,6%	91,5%	89,9%	87,5%	H04TEAAC#50Cu02p4000
3100	500F	Sleeve	Oil forced	96,9%	96,4%	95,7%	91,7%	90,1%	87,8%	H04TEAAC#50Cu02p4157
3150	560G	Sleeve	Oil forced	95,7%	94,8%	93,5%	89,1%	89,0%	86,3%	H04TEAAC#50Cu02p4224
3729	560F	Sleeve	Oil forced	96,0%	95,1%	93,9%	89,4%	89,3%	86,7%	H04TEAAC#50Cu02p5000
4474	560F	Sleeve	Oil forced	96,3%	95,8%	94,6%	89,7%	89,6%	87,1%	H04TEAAC#50Cu02p6000
5200	560F	Sleeve	Oil forced	96,6%	96,0%	95,1%	90,0%	90,0%	87,6%	H04TEAAC#50Cu02p6973
6000	560E	Sleeve	Oil forced	97,0%	96,5%	95,8%	91,6%	92,3%	91,5%	H04TEAAC#50Cu02p8046
5220	560E	Sleeve	Oil forced	96,7%	96,0%	95,2%	90,0%	90,1%	87,7%	H04TEAAC#50Cu02p7000
4-pole										
1250	450G	AF / Sleeve	Grease / Oil self-cooled	95,7%	94,8%	94,0%	85,6%	81,6%	74,2%	H04TEAAC#50Cu04p1676
1305	450G	AF / Sleeve	Grease / Oil self-cooled	95,7%	94,9%	94,1%	85,9%	82,1%	75,0%	H04TEAAC#50Cu04p1750
1491	450F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,1%	94,5%	86,9%	83,7%	77,7%	H04TEAAC#50Cu04p2000
1678	450F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,4%	94,8%	88,0%	85,4%	80,4%	H04TEAAC#50Cu04p2250
1750	450F	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,5%	95,0%	88,4%	86,0%	81,4%	H04TEAAC#50Cu04p2347
1800	500G	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,4%	94,5%	86,3%	82,4%	75,2%	H04TEAAC#50Cu04p2414
1864	500G	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,4%	94,6%	86,3%	82,5%	75,5%	H04TEAAC#50Cu04p2500
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,7%	95,0%	86,7%	83,4%	77,0%	H04TEAAC#50Cu04p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,0%	95,4%	87,1%	84,2%	78,6%	H04TEAAC#50Cu04p3500
2750	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,1%	95,6%	87,2%	84,5%	79,2%	H04TEAAC#50Cu04p3688
2900	560G	AF / Sleeve	Grease / Oil Forced	96,2%	95,5%	94,6%	88,9%	88,6%	85,4%	H04TEAAC#50Cu04p3889
2983	560G	AF / Sleeve	Grease / Oil Forced	96,2%	95,5%	94,7%	88,9%	88,6%	85,5%	H04TEAAC#50Cu04p4000
3356	560G	AF / Sleeve	Grease / Oil Forced	96,3%	95,7%	94,9%	89,0%	88,8%	85,8%	H04TEAAC#50Cu04p4500
3729	560F	AF / Sleeve	Grease / Oil Forced	96,4%	95,9%	95,2%	89,2%	89,0%	86,1%	H04TEAAC#50Cu04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,5%	96,0%	95,4%	89,3%	89,2%	86,5%	H04TEAAC#50Cu04p5500
4474	560F	AF / Sleeve	Grease / Oil Forced	96,6%	96,2%	95,6%	89,4%	89,4%	86,8%	H04TEAAC#50Cu04p6000
4800	560F	AF / Sleeve	Grease / Oil Forced	96,7%	96,4%	95,9%	89,5%	89,6%	87,1%	H04TEAAC#50Cu04p6437
5300	560E	AF / Sleeve	Grease / Oil Forced	96,9%	96,5%	96,0%	89,5%	89,0%	85,6%	H04TEAAC#50Cu04p7107
5220	560E	AF / Sleeve	Grease / Oil Forced	96,9%	96,5%	96,0%	89,5%	89,1%	85,8%	H04TEAAC#50Cu04p7000
6-pole										
900	450G	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,9%	94,4%	83,2%	81,2%	74,2%	H04TEAAC#50Cu06p1207
932	450F	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,9%	94,5%	83,2%	81,2%	74,2%	H04TEAAC#50Cu06p1250
1119	450F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,1%	94,8%	82,9%	81,2%	74,5%	H04TEAAC#50Cu06p1500
1305	450F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,4%	95,1%	82,7%	81,2%	74,8%	H04TEAAC#50Cu06p1750
1400	450F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,5%	95,3%	82,6%	81,2%	74,9%	H04TEAAC#50Cu06p1878
1491	500G	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,3%	94,7%	83,2%	82,8%	76,4%	H04TEAAC#50Cu06p2000
1500	500G	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,4%	94,7%	83,2%	82,8%	76,4%	H04TEAAC#50Cu06p2012
1678	500G	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	94,9%	83,3%	82,9%	76,6%	H04TEAAC#50Cu06p2250

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 611 cooling method										
1864	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,7%	95,1%	83,4%	83,0%	76,7%	H04TEAAC#50Cu06p2500
2237	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,0%	95,5%	83,6%	83,3%	77,1%	H04TEAAC#50Cu06p3000
2250	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,0%	95,5%	83,6%	83,3%	77,1%	H04TEAAC#50Cu06p3017
2300	560G	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,3%	95,8%	85,6%	85,2%	81,0%	H04TEAAC#50Cu06p3084
2610	560F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,4%	95,9%	85,7%	85,4%	81,3%	H04TEAAC#50Cu06p3500
2983	560F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,5%	96,1%	85,8%	85,6%	81,7%	H04TEAAC#50Cu06p4000
3356	560F	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,6%	96,3%	85,9%	85,8%	82,1%	H04TEAAC#50Cu06p4500
3500	560F	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,7%	96,4%	85,9%	85,9%	82,2%	H04TEAAC#50Cu06p4694
3900	560E	AF / Sleeve	Grease / Oil self-cooled	97,1%	96,8%	96,5%	86,4%	86,4%	82,8%	H04TEAAC#50Cu06p5230
3729	560E	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,8%	96,4%	86,2%	86,2%	82,5%	H04TEAAC#50Cu06p5000
8-pole										
710	450G	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,3%	93,9%	81,9%	80,1%	72,5%	H04TEAAC#50Cu08p952
746	450F	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,4%	94,0%	81,9%	80,1%	72,5%	H04TEAAC#50Cu08p1000
932	450F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,8%	94,4%	81,5%	80,0%	72,7%	H04TEAAC#50Cu08p1250
1000	450F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,9%	94,6%	81,4%	80,0%	72,8%	H04TEAAC#50Cu08p1341
1120	500G	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,7%	95,7%	84,6%	83,0%	76,8%	H04TEAAC#50Cu08p1502
1305	500F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,8%	95,8%	84,6%	83,0%	76,7%	H04TEAAC#50Cu08p1750
1491	500F	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,8%	95,8%	84,6%	82,9%	76,6%	H04TEAAC#50Cu08p2000
1500	500F	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,8%	95,8%	84,6%	82,9%	76,6%	H04TEAAC#50Cu08p2012
1600	560G	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,9%	95,5%	84,4%	81,6%	73,7%	H04TEAAC#50Cu08p2146
1864	560F	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,9%	95,5%	84,1%	81,4%	73,5%	H04TEAAC#50Cu08p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,6%	83,7%	81,1%	73,3%	H04TEAAC#50Cu08p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,7%	83,3%	80,8%	73,1%	H04TEAAC#50Cu08p3500
2900	560F	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,1%	95,8%	83,0%	80,6%	72,9%	H04TEAAC#50Cu08p3889
3300	560E	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,2%	96,1%	84,7%	83,4%	77,5%	H04TEAAC#50Cu08p4425
2983	560E	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,1%	95,8%	83,4%	81,2%	73,9%	H04TEAAC#50Cu08p4000
10-pole										
450	450G	AF / Sleeve	Grease / Oil self-cooled	94,4%	93,9%	93,3%	77,3%	75,7%	65,6%	H04TEAAC#50Cu10p603
522	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,1%	93,5%	77,7%	76,4%	66,7%	H04TEAAC#50Cu10p700
597	450F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,2%	93,7%	78,1%	77,2%	67,9%	H04TEAAC#50Cu10p800
671	450F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,3%	93,9%	78,5%	77,9%	69,1%	H04TEAAC#50Cu10p900
710	450F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,4%	94,0%	78,7%	78,3%	69,7%	H04TEAAC#50Cu10p952
800	500G	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,2%	81,7%	79,5%	71,7%	H04TEAAC#50Cu10p1073
932	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,4%	95,3%	81,8%	79,6%	71,8%	H04TEAAC#50Cu10p1250
1119	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,5%	95,4%	81,9%	79,7%	71,9%	H04TEAAC#50Cu10p1500
1150	500F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,5%	95,4%	81,9%	79,7%	71,9%	H04TEAAC#50Cu10p1542
1300	560G	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,2%	82,4%	80,0%	72,1%	H04TEAAC#50Cu10p1743
1491	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,3%	82,4%	80,2%	72,7%	H04TEAAC#50Cu10p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,7%	95,3%	82,4%	80,5%	73,2%	H04TEAAC#50Cu10p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,7%	95,4%	82,3%	80,7%	73,8%	H04TEAAC#50Cu10p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,8%	95,6%	82,2%	81,2%	74,9%	H04TEAAC#50Cu10p3000
2300	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,8%	95,6%	82,2%	81,3%	75,1%	H04TEAAC#50Cu10p3084
12-pole										
315	450G	AF / Sleeve	Grease / Oil self-cooled	93,3%	92,9%	92,1%	72,7%	68,6%	57,2%	H04TEAAC#50Cu12p422
336	450G	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,0%	92,2%	72,7%	68,6%	57,3%	H04TEAAC#50Cu12p450
373	450G	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,1%	92,3%	72,8%	68,7%	57,4%	H04TEAAC#50Cu12p500

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 611 cooling method										
447	450F	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,3%	92,6%	72,9%	68,9%	57,6%	H04TEAAC#50Cu12p600
522	450F	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,6%	92,8%	73,0%	69,1%	57,8%	H04TEAAC#50Cu12p700
530	450F	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,6%	92,8%	73,0%	69,1%	57,8%	H04TEAAC#50Cu12p711
560	500G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,8%	94,7%	78,5%	75,3%	66,3%	H04TEAAC#50Cu12p751
597	500G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,8%	94,7%	78,5%	75,3%	66,3%	H04TEAAC#50Cu12p800
671	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,9%	94,7%	78,5%	75,4%	66,4%	H04TEAAC#50Cu12p900
746	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,9%	94,8%	78,6%	75,4%	66,5%	H04TEAAC#50Cu12p1000
850	500F	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,0%	94,9%	78,6%	75,5%	66,6%	H04TEAAC#50Cu12p1140
1000	560G	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,6%	93,9%	75,7%	70,7%	59,7%	H04TEAAC#50Cu12p1341
1119	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,6%	94,0%	75,8%	70,9%	60,0%	H04TEAAC#50Cu12p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,6%	94,1%	76,0%	71,3%	60,5%	H04TEAAC#50Cu12p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,2%	76,2%	71,6%	61,1%	H04TEAAC#50Cu12p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,3%	76,4%	72,0%	61,6%	H04TEAAC#50Cu12p2250
1800	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,8%	94,4%	76,5%	72,2%	61,9%	H04TEAAC#50Cu12p2414



Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 611 cooling method										
2-pole										
1250	450G	Sleeve	Oil self-cooled	95,3%	94,5%	93,5%	89,8%	88,0%	84,6%	H06TEAAC#50Cu02p1676
1305	450G	Sleeve	Oil self-cooled	95,3%	94,6%	93,6%	89,9%	88,1%	84,8%	H06TEAAC#50Cu02p1750
1491	450F	Sleeve	Oil self-cooled	95,5%	94,9%	94,0%	90,3%	88,5%	85,3%	H06TEAAC#50Cu02p2000
1678	450F	Sleeve	Oil self-cooled	95,8%	95,1%	94,3%	90,7%	88,9%	85,8%	H06TEAAC#50Cu02p2250
1864	450F	Sleeve	Oil self-cooled	96,0%	95,4%	94,6%	91,1%	89,2%	86,3%	H06TEAAC#50Cu02p2500
2000	450F	Sleeve	Oil self-cooled	96,1%	95,6%	94,9%	91,4%	89,5%	86,7%	H06TEAAC#50Cu02p2682
2100	500G	Sleeve	Oil forced	96,3%	95,6%	94,8%	91,6%	90,3%	88,3%	H06TEAAC#50Cu02p2816
2237	500F	Sleeve	Oil forced	96,4%	95,7%	94,9%	91,5%	90,2%	88,0%	H06TEAAC#50Cu02p3000
2610	500F	Sleeve	Oil forced	96,6%	96,0%	95,2%	91,3%	89,8%	87,3%	H06TEAAC#50Cu02p3500
2983	500F	Sleeve	Oil forced	96,8%	96,2%	95,5%	91,2%	89,4%	86,6%	H06TEAAC#50Cu02p4000
3000	500F	Sleeve	Oil forced	96,8%	96,2%	95,5%	91,2%	89,4%	86,6%	H06TEAAC#50Cu02p4023
3100	560G	Sleeve	Oil forced	95,7%	94,7%	93,3%	88,2%	87,8%	84,2%	H06TEAAC#50Cu02p4157
3356	560G	Sleeve	Oil forced	95,8%	94,9%	93,6%	88,4%	88,1%	84,8%	H06TEAAC#50Cu02p4500
3729	560F	Sleeve	Oil forced	96,0%	95,1%	93,9%	88,8%	88,6%	85,6%	H06TEAAC#50Cu02p5000
4101	560F	Sleeve	Oil forced	96,2%	95,4%	94,3%	89,2%	89,1%	86,4%	H06TEAAC#50Cu02p5500
4474	560F	Sleeve	Oil forced	96,4%	95,7%	94,7%	89,5%	89,6%	87,2%	H06TEAAC#50Cu02p6000
5100	560F	Sleeve	Oil forced	96,7%	96,1%	95,3%	90,1%	90,4%	88,6%	H06TEAAC#50Cu02p6839
6000	560E	Sleeve	Oil forced	97,0%	96,5%	95,8%	91,2%	91,8%	90,8%	H06TEAAC#50Cu02p8046
5966	560E	Sleeve	Oil forced	96,9%	96,4%	95,7%	91,2%	91,7%	90,7%	H06TEAAC#50Cu02p8000
5220	560E	Sleeve	Oil forced	96,7%	96,2%	95,4%	90,2%	90,6%	88,9%	H06TEAAC#50Cu02p7000
4-pole										
1120	450G	AF / Sleeve	Grease / Oil self-cooled	95,5%	94,6%	93,6%	86,4%	82,6%	75,5%	H06TEAAC#50Cu04p1502
1305	450G	AF / Sleeve	Grease / Oil self-cooled	95,7%	94,9%	94,1%	86,8%	83,6%	77,3%	H06TEAAC#50Cu04p1750
1491	450F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,2%	94,5%	87,3%	84,6%	79,2%	H06TEAAC#50Cu04p2000
1678	450F	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,5%	95,0%	87,8%	85,6%	81,1%	H06TEAAC#50Cu04p2250
1720	450F	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,5%	95,1%	87,9%	85,8%	81,5%	H06TEAAC#50Cu04p2307
1800	500G	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,5%	94,8%	86,2%	82,7%	76,0%	H06TEAAC#50Cu04p2414
1864	500G	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,5%	94,8%	86,3%	83,0%	76,4%	H06TEAAC#50Cu04p2500
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,5%	95,9%	95,3%	87,3%	84,5%	79,1%	H06TEAAC#50Cu04p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,2%	95,7%	88,2%	86,0%	81,7%	H06TEAAC#50Cu04p3500
2700	500F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,2%	95,9%	88,4%	86,4%	82,3%	H06TEAAC#50Cu04p3621
2800	560G	AF / Sleeve	Grease / Oil Forced	96,0%	95,3%	94,3%	87,4%	86,6%	82,2%	H06TEAAC#50Cu04p3755
2983	560G	AF / Sleeve	Grease / Oil Forced	96,1%	95,4%	94,5%	87,5%	86,9%	82,8%	H06TEAAC#50Cu04p4000
3356	560F	AF / Sleeve	Grease / Oil Forced	96,2%	95,6%	94,8%	87,8%	87,4%	83,9%	H06TEAAC#50Cu04p4500
3729	560F	AF / Sleeve	Grease / Oil Forced	96,3%	95,8%	95,1%	88,0%	88,0%	85,0%	H06TEAAC#50Cu04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,5%	96,0%	95,4%	88,2%	88,6%	86,2%	H06TEAAC#50Cu04p5500
4500	560F	AF / Sleeve	Grease / Oil Forced	96,6%	96,2%	95,7%	88,5%	89,2%	87,4%	H06TEAAC#50Cu04p6035
5000	560E	AF / Sleeve	Grease / Oil Forced	96,8%	96,4%	95,9%	88,9%	89,2%	86,8%	H06TEAAC#50Cu04p6705
6-pole										
800	450G	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,4%	93,6%	78,7%	73,9%	63,2%	H06TEAAC#50Cu06p1073
932	450G	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,7%	94,0%	79,9%	75,9%	66,2%	H06TEAAC#50Cu06p1250
1119	450F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,0%	94,6%	81,5%	78,6%	70,5%	H06TEAAC#50Cu06p1500
1301	450F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,4%	95,2%	83,1%	81,3%	74,6%	H06TEAAC#50Cu06p1744
1400	500G	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,2%	94,5%	83,6%	83,6%	77,7%	H06TEAAC#50Cu06p1877
1491	500G	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,3%	94,7%	83,8%	83,8%	78,0%	H06TEAAC#50Cu06p2000

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 611 cooling method										
1678	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	94,9%	84,0%	84,2%	78,6%	H06TEAAC#50Cu06p2250
1864	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,7%	95,1%	84,3%	84,6%	79,2%	H06TEAAC#50Cu06p2500
2050	500F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,9%	95,4%	84,6%	85,0%	79,8%	H06TEAAC#50Cu06p2749
2200	560G	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,9%	95,3%	84,1%	82,9%	77,3%	H06TEAAC#50Cu06p2950
2237	560G	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,9%	95,3%	84,1%	82,9%	77,3%	H06TEAAC#50Cu06p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,1%	95,6%	84,2%	83,1%	77,6%	H06TEAAC#50Cu06p3500
2983	560F	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,3%	95,8%	84,2%	83,3%	78,0%	H06TEAAC#50Cu06p4000
3356	560F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,5%	96,1%	84,3%	83,5%	78,3%	H06TEAAC#50Cu06p4500
3400	560F	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,5%	96,1%	84,3%	83,5%	78,3%	H06TEAAC#50Cu06p4559
3800	560E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,8%	96,3%	85,3%	85,0%	80,8%	H06TEAAC#50Cu06p5096
3729	560E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,6%	96,3%	85,1%	84,7%	80,4%	H06TEAAC#50Cu06p5000
8-pole										
630	450G	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,4%	94,1%	79,7%	76,8%	67,7%	H06TEAAC#50Cu08p845
671	450G	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,5%	94,2%	79,9%	77,0%	68,0%	H06TEAAC#50Cu08p900
746	450F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,4%	80,2%	77,4%	68,4%	H06TEAAC#50Cu08p1000
900	450F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,7%	80,7%	78,1%	69,4%	H06TEAAC#50Cu08p1207
1000	500G	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,5%	95,5%	84,4%	82,2%	75,3%	H06TEAAC#50Cu08p1341
1119	500F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,5%	95,5%	84,2%	81,7%	74,4%	H06TEAAC#50Cu08p1500
1305	500F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,6%	95,4%	83,9%	81,0%	73,1%	H06TEAAC#50Cu08p1750
1400	500F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,6%	95,4%	83,7%	80,6%	72,4%	H06TEAAC#50Cu08p1877
1500	560G	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,6%	85,7%	83,8%	77,5%	H06TEAAC#50Cu08p2012
1678	560F	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,7%	85,4%	83,5%	77,2%	H06TEAAC#50Cu08p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	95,7%	85,1%	83,3%	76,9%	H06TEAAC#50Cu08p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	95,8%	84,6%	82,7%	76,3%	H06TEAAC#50Cu08p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,2%	95,9%	84,0%	82,2%	75,6%	H06TEAAC#50Cu08p3500
2750	560F	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,2%	95,9%	83,8%	82,0%	75,4%	H06TEAAC#50Cu08p3688
3100	560E	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,3%	96,2%	85,2%	84,6%	79,8%	H06TEAAC#50Cu08p4157
2983	560E	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	96,1%	84,7%	83,7%	78,3%	H06TEAAC#50Cu08p4000
10-pole										
400	450G	AF / Sleeve	Grease / Oil self-cooled	94,3%	93,7%	93,0%	76,0%	73,4%	62,1%	H06TEAAC#50Cu10p536
447	450G	AF / Sleeve	Grease / Oil self-cooled	94,3%	93,8%	93,2%	76,7%	74,5%	63,8%	H06TEAAC#50Cu10p600
522	450F	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,0%	93,5%	77,7%	76,3%	66,5%	H06TEAAC#50Cu10p700
597	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,2%	93,8%	78,8%	78,1%	69,3%	H06TEAAC#50Cu10p800
650	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,3%	94,1%	79,5%	79,4%	71,2%	H06TEAAC#50Cu10p872
710	500G	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,2%	95,2%	82,6%	80,7%	73,5%	H06TEAAC#50Cu10p952
746	500G	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,2%	95,2%	82,7%	80,8%	73,7%	H06TEAAC#50Cu10p1000
932	500F	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,4%	95,4%	82,9%	81,4%	74,9%	H06TEAAC#50Cu10p1250
1100	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,5%	95,5%	83,1%	82,0%	75,9%	H06TEAAC#50Cu10p1475
1200	560G	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,0%	81,7%	78,9%	70,4%	H06TEAAC#50Cu10p1609
1305	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,1%	81,8%	79,2%	70,9%	H06TEAAC#50Cu10p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,7%	95,2%	81,9%	79,6%	71,8%	H06TEAAC#50Cu10p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,7%	95,3%	82,0%	80,1%	72,7%	H06TEAAC#50Cu10p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,7%	95,4%	82,1%	80,5%	73,6%	H06TEAAC#50Cu10p2500
2050	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,8%	95,5%	82,2%	81,0%	74,5%	H06TEAAC#50Cu10p2749

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 611 cooling method										
746	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,3%	75,8%	71,0%	60,2%	H06TEAAC#50Cu12p1000
280	450G	AF / Sleeve	Grease / Oil self-cooled	93,3%	92,4%	90,8%	65,2%	58,2%	45,1%	H06TEAAC#50Cu12p375
298	450F	AF / Sleeve	Grease / Oil self-cooled	93,3%	92,5%	91,0%	66,0%	59,2%	46,2%	H06TEAAC#50Cu12p400
336	450F	AF / Sleeve	Grease / Oil self-cooled	93,4%	92,7%	91,4%	67,5%	61,3%	48,5%	H06TEAAC#50Cu12p450
373	450F	AF / Sleeve	Grease / Oil self-cooled	93,5%	92,9%	91,8%	69,0%	63,3%	50,7%	H06TEAAC#50Cu12p500
450	450F	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,4%	92,6%	72,2%	67,5%	55,4%	H06TEAAC#50Cu12p603
500	500G	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,4%	93,9%	75,0%	69,9%	58,7%	H06TEAAC#50Cu12p671
522	500G	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,4%	93,9%	75,1%	70,0%	58,8%	H06TEAAC#50Cu12p700
597	500G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,5%	94,0%	75,3%	70,3%	59,3%	H06TEAAC#50Cu12p800
671	500F	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,6%	94,1%	75,6%	70,7%	59,7%	H06TEAAC#50Cu12p900
800	500F	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,8%	94,3%	76,0%	71,3%	60,5%	H06TEAAC#50Cu12p1073
900	560G	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,1%	93,5%	75,5%	69,5%	57,6%	H06TEAAC#50Cu12p1207
932	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,1%	93,5%	75,5%	69,5%	57,7%	H06TEAAC#50Cu12p1250
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,2%	93,6%	75,5%	69,7%	58,0%	H06TEAAC#50Cu12p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,2%	93,7%	75,6%	69,9%	58,3%	H06TEAAC#50Cu12p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,3%	93,8%	75,6%	70,1%	58,6%	H06TEAAC#50Cu12p2000
1600	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,3%	93,8%	75,6%	70,2%	58,8%	H06TEAAC#50Cu12p2146

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 Hz IC 611 cooling method										
2-pole										
1280	450F	Sleeve	Oil self-cooled	95,2%	94,6%	93,7%	93,3%	92,1%	90,7%	H11TEAAC#50Cu02p1717
1400	500G	Sleeve	Oil forced	95,5%	94,5%	93,2%	91,2%	89,3%	86,4%	H11TEAAC#50Cu02p1877
1491	500G	Sleeve	Oil forced	95,6%	94,6%	93,4%	91,2%	89,4%	86,7%	H11TEAAC#50Cu02p2000
1678	500G	Sleeve	Oil forced	95,7%	94,8%	93,7%	91,4%	89,7%	87,2%	H11TEAAC#50Cu02p2250
1864	500F	Sleeve	Oil forced	95,9%	95,1%	94,1%	91,5%	90,0%	87,8%	H11TEAAC#50Cu02p2500
2237	500F	Sleeve	Oil forced	96,2%	95,6%	94,7%	91,8%	90,6%	88,9%	H11TEAAC#50Cu02p3000
2300	500F	Sleeve	Oil forced	96,3%	95,6%	94,9%	91,9%	90,7%	89,1%	H11TEAAC#50Cu02p3084
2400	560G	Sleeve	Oil forced	95,0%	93,8%	92,2%	89,0%	88,2%	84,2%	H11TEAAC#50Cu02p3218
2610	560G	Sleeve	Oil forced	95,1%	94,0%	92,5%	89,1%	88,4%	84,7%	H11TEAAC#50Cu02p3500
2983	560F	Sleeve	Oil forced	95,4%	94,4%	93,0%	89,2%	88,8%	85,6%	H11TEAAC#50Cu02p4000
3356	560F	Sleeve	Oil forced	95,7%	94,8%	93,6%	89,3%	89,2%	86,5%	H11TEAAC#50Cu02p4500
3729	560F	Sleeve	Oil forced	96,0%	95,2%	94,1%	89,4%	89,6%	87,4%	H11TEAAC#50Cu02p5000
4000	560F	Sleeve	Oil forced	96,2%	95,5%	94,5%	89,5%	89,9%	88,1%	H11TEAAC#50Cu02p5364
4700	560E	Sleeve	Oil forced	96,4%	95,7%	94,8%	90,0%	90,0%	87,6%	H11TEAAC#50Cu02p6303
4474	560E	Sleeve	Oil forced	96,3%	95,6%	94,7%	89,8%	90,0%	87,8%	H11TEAAC#50Cu02p6000
4101	560E	Sleeve	Oil forced	96,2%	95,5%	94,5%	89,6%	89,9%	88,0%	H11TEAAC#50Cu02p5500
4-pole										
900	450G	AF / Sleeve	Grease / Oil self-cooled	94,6%	93,4%	92,0%	83,8%	78,8%	69,9%	H11TEAAC#50Cu04p1207
932	450G	AF / Sleeve	Grease / Oil self-cooled	94,7%	93,5%	92,2%	84,0%	79,2%	70,5%	H11TEAAC#50Cu04p1250
1119	450F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,0%	93,0%	85,3%	81,4%	74,3%	H11TEAAC#50Cu04p1500
1305	450F	AF / Sleeve	Grease / Oil self-cooled	95,4%	94,6%	93,8%	86,5%	83,7%	78,0%	H11TEAAC#50Cu04p1750
1400	450F	AF / Sleeve	Grease / Oil self-cooled	95,6%	94,9%	94,3%	87,1%	84,8%	79,9%	H11TEAAC#50Cu04p1878
1600	500G	AF / Sleeve	Grease / Oil self-cooled	95,8%	94,9%	94,0%	86,5%	82,6%	75,6%	H11TEAAC#50Cu04p2146
1678	500G	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,0%	94,1%	86,5%	82,8%	75,9%	H11TEAAC#50Cu04p2250
1864	500F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,2%	94,4%	86,7%	83,2%	76,6%	H11TEAAC#50Cu04p2500
2100	500F	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,4%	94,7%	86,9%	83,7%	77,5%	H11TEAAC#50Cu04p2816
2200	560G	AF / Sleeve	Grease / Oil Forced	95,4%	94,6%	93,4%	88,4%	87,6%	83,4%	H11TEAAC#50Cu04p2950
2237	560G	AF / Sleeve	Grease / Oil Forced	95,5%	94,6%	93,5%	88,4%	87,6%	83,4%	H11TEAAC#50Cu04p3000
2610	560G	AF / Sleeve	Grease / Oil Forced	95,7%	94,9%	93,8%	88,5%	87,7%	83,5%	H11TEAAC#50Cu04p3500
2983	560F	AF / Sleeve	Grease / Oil Forced	95,9%	95,2%	94,2%	88,6%	87,7%	83,6%	H11TEAAC#50Cu04p4000
3356	560F	AF / Sleeve	Grease / Oil Forced	96,1%	95,5%	94,6%	88,6%	87,8%	83,6%	H11TEAAC#50Cu04p4500
3700	560F	AF / Sleeve	Grease / Oil Forced	96,3%	95,7%	94,9%	88,7%	87,8%	83,7%	H11TEAAC#50Cu04p4962
4000	560E	AF / Sleeve	Grease / Oil Forced	96,4%	95,8%	95,1%	89,3%	88,7%	85,2%	H11TEAAC#50Cu04p5364
3729	560E	AF / Sleeve	Grease / Oil Forced	96,3%	95,8%	94,9%	88,8%	87,9%	83,8%	H11TEAAC#50Cu04p5000
6-pole										
533	450G	AF / Sleeve	Grease / Oil self-cooled	94,4%	93,6%	92,6%	83,3%	79,9%	71,1%	H11TEAAC#50Cu06p715
597	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	93,7%	92,8%	83,0%	79,6%	70,8%	H11TEAAC#50Cu06p800
671	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	93,8%	92,9%	82,6%	79,2%	70,4%	H11TEAAC#50Cu06p900
746	450F	AF / Sleeve	Grease / Oil self-cooled	94,6%	93,9%	93,1%	82,3%	78,9%	70,0%	H11TEAAC#50Cu06p1000
932	450F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,2%	93,5%	81,4%	77,9%	69,0%	H11TEAAC#50Cu06p1250
1000	450F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,3%	93,7%	81,1%	77,6%	68,6%	H11TEAAC#50Cu06p1341
1120	500G	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,4%	93,5%	83,1%	82,3%	75,1%	H11TEAAC#50Cu06p1502
1305	500G	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,7%	94,0%	83,8%	83,3%	76,6%	H11TEAAC#50Cu06p1750
1500	500F	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,0%	94,4%	84,6%	84,3%	78,1%	H11TEAAC#50Cu06p2012
1600	560G	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,0%	94,2%	83,6%	81,5%	74,5%	H11TEAAC#50Cu06p2146



Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 Hz IC 611 cooling method										
1678	560G	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,1%	94,3%	83,7%	81,6%	74,6%	H11TEAAC#50Cu06p2250
1864	560G	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,2%	94,5%	83,8%	81,8%	75,0%	H11TEAAC#50Cu06p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,5%	94,8%	84,1%	82,2%	75,7%	H11TEAAC#50Cu06p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,8%	95,2%	84,3%	82,6%	76,4%	H11TEAAC#50Cu06p3500
2850	560F	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,9%	95,4%	84,5%	82,9%	76,8%	H11TEAAC#50Cu06p3822
3200	560E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,1%	95,6%	85,1%	83,8%	78,1%	H11TEAAC#50Cu06p4291
2983	560E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,0%	95,5%	84,7%	83,2%	77,3%	H11TEAAC#50Cu06p4000
8-pole										
630	500G	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,6%	94,6%	85,5%	83,3%	76,4%	H11TEAAC#50Cu08p845
671	500G	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,8%	94,6%	85,5%	83,3%	76,4%	H11TEAAC#50Cu08p900
746	500G	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,7%	94,7%	85,5%	83,3%	76,4%	H11TEAAC#50Cu08p1000
932	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,9%	94,9%	85,6%	83,3%	76,3%	H11TEAAC#50Cu08p1250
1100	500F	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,0%	95,0%	85,6%	83,3%	76,3%	H11TEAAC#50Cu08p1475
1200	560G	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,5%	95,1%	86,3%	85,0%	79,5%	H11TEAAC#50Cu08p1609
1305	560F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,5%	95,1%	86,1%	84,7%	79,1%	H11TEAAC#50Cu08p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,6%	95,2%	85,7%	84,2%	78,4%	H11TEAAC#50Cu08p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,6%	95,2%	85,2%	83,7%	77,7%	H11TEAAC#50Cu08p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,3%	84,8%	83,2%	76,9%	H11TEAAC#50Cu08p2500
2240	560F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,8%	95,4%	84,0%	82,2%	75,5%	H11TEAAC#50Cu08p3004
2450	560E	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,7%	95,2%	83,1%	80,3%	72,3%	H11TEAAC#50Cu08p3285
10-pole										
530	500G	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,5%	94,1%	82,3%	79,2%	70,3%	H11TEAAC#50Cu10p711
597	500F	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,2%	81,9%	78,5%	69,4%	H11TEAAC#50Cu10p800
671	500F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,7%	94,3%	81,4%	77,8%	68,3%	H11TEAAC#50Cu10p900
746	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,8%	94,3%	81,0%	77,0%	67,2%	H11TEAAC#50Cu10p1000
770	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,4%	80,8%	76,8%	66,9%	H11TEAAC#50Cu10p1033
900	560G	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,7%	93,8%	79,4%	74,6%	63,7%	H11TEAAC#50Cu10p1207
932	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,7%	93,8%	79,5%	74,8%	64,0%	H11TEAAC#50Cu10p1250
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,8%	94,1%	80,2%	76,0%	65,9%	H11TEAAC#50Cu10p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,4%	80,8%	77,3%	67,8%	H11TEAAC#50Cu10p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,6%	81,5%	78,5%	69,8%	H11TEAAC#50Cu10p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	94,9%	82,1%	79,8%	71,7%	H11TEAAC#50Cu10p2250
1700	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	94,9%	82,2%	79,9%	71,9%	H11TEAAC#50Cu10p2280
12-pole										
355	500G	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,0%	91,9%	71,2%	63,8%	51,0%	H11TEAAC#50Cu12p476
373	500G	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,1%	92,0%	71,5%	64,2%	51,5%	H11TEAAC#50Cu12p500
447	500F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,5%	92,5%	72,8%	66,0%	53,5%	H11TEAAC#50Cu12p600
522	500F	AF / Sleeve	Grease / Oil self-cooled	94,4%	93,9%	93,1%	74,1%	67,7%	55,5%	H11TEAAC#50Cu12p700
560	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,1%	93,3%	74,8%	68,6%	56,5%	H11TEAAC#50Cu12p751
700	560G	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,1%	93,4%	78,1%	73,1%	62,1%	H11TEAAC#50Cu12p939
746	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,1%	93,5%	78,2%	73,3%	62,3%	H11TEAAC#50Cu12p1000
932	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,3%	93,7%	78,5%	73,9%	63,3%	H11TEAAC#50Cu12p1250
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,4%	94,0%	78,9%	74,5%	64,3%	H11TEAAC#50Cu12p1500
1250	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,5%	94,1%	79,1%	75,0%	65,0%	H11TEAAC#50Cu12p1676

NEMA horizontal aluminum cage

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz WP-II or TEWAC enclosure											
2-pole											
2250	6811	8311	Sleeve	Oil self-cooled	95,7%	96,0%	95,8%	89,3%	87,6%	84,5%	H04WP11##60AI02p2250
2500	6811	8311	Sleeve	Oil self-cooled	95,9%	96,2%	96,0%	89,5%	87,7%	84,5%	H04WP11##60AI02p2500
3000	6812	8312	Sleeve	Oil self-cooled	96,1%	96,4%	96,2%	89,9%	87,9%	84,5%	H04WP11##60AI02p3000
3500	6812	8312	Sleeve	Oil self-cooled	96,4%	96,6%	96,5%	90,3%	88,1%	84,6%	H04WP11##60AI02p3500
3800	6812	8312	Sleeve	Oil self-cooled	96,5%	96,8%	96,6%	90,5%	88,2%	84,6%	H04WP11##60AI02p3800
4200	n.a.	8411	Sleeve	Oil forced	96,5%	96,5%	96,1%	90,3%	88,2%	84,7%	H04WP11##60AI02p4200
5000	n.a.	8411E	Sleeve	Oil forced	96,6%	96,6%	96,2%	90,7%	88,8%	85,8%	H04WP11##60AI02p5000
5400	n.a.	8411E	Sleeve	Oil forced	96,6%	96,6%	96,2%	91,0%	89,1%	86,4%	H04WP11##60AI02p5400
6000	n.a.	8511	Sleeve	Oil forced	96,3%	96,4%	96,0%	89,1%	88,9%	86,0%	H04WP11##60AI02p6000
7000	n.a.	8512	Sleeve	Oil forced	96,4%	96,5%	96,0%	89,6%	89,3%	86,4%	H04WP11##60AI02p7000
8000	n.a.	8512	Sleeve	Oil forced	96,5%	96,5%	96,1%	90,2%	89,7%	86,8%	H04WP11##60AI02p8000
8600	n.a.	8512	Sleeve	Oil forced	96,6%	96,6%	96,1%	90,5%	90,0%	87,0%	H04WP11##60AI02p8600
9750	n.a.	8513	Sleeve	Oil forced	96,6%	96,7%	96,2%	92,8%	93,2%	92,3%	H04WP11##60AI02p9750
9000	n.a.	8513	Sleeve	Oil forced	96,6%	96,6%	96,1%	91,3%	91,1%	88,8%	H04WP11##60AI02p9000
4-pole											
2250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,6%	95,6%	85,4%	81,4%	74,1%	H04WP11##60AI04p2250
2500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,8%	95,7%	85,8%	82,0%	74,9%	H04WP11##60AI04p2500
3000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,0%	95,9%	86,7%	83,1%	76,6%	H04WP11##60AI04p3000
3200	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,1%	95,9%	87,1%	83,6%	77,3%	H04WP11##60AI04p3200
3900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,2%	96,0%	86,3%	82,5%	75,7%	H04WP11##60AI04p3900
4500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,3%	96,1%	87,1%	83,4%	76,8%	H04WP11##60AI04p4500
4800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,4%	96,1%	87,5%	83,9%	77,3%	H04WP11##60AI04p4800
6000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,4%	96,7%	96,6%	86,8%	86,1%	81,9%	H04WP11##60AI04p6000
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,5%	96,8%	96,7%	87,1%	86,1%	81,7%	H04WP11##60AI04p7000
8000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,6%	96,8%	96,7%	87,4%	86,2%	81,5%	H04WP11##60AI04p8000
9000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	96,6%	97,0%	97,0%	90,0%	90,2%	88,2%	H04WP11##60AI04p9000
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,3%	81,9%	78,8%	70,4%	H04WP11##60AI06p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,4%	95,4%	81,7%	78,4%	69,8%	H04WP11##60AI06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,4%	95,4%	81,6%	78,0%	69,1%	H04WP11##60AI06p2000
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,5%	95,4%	81,4%	77,6%	68,5%	H04WP11##60AI06p2250
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,5%	95,4%	81,4%	77,6%	68,5%	H04WP11##60AI06p2250
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	96,1%	96,0%	84,2%	83,9%	77,9%	H04WP11##60AI06p3000
3500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	96,1%	96,0%	84,8%	84,1%	77,5%	H04WP11##60AI06p3500
3600	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	96,1%	95,9%	84,9%	84,1%	77,4%	H04WP11##60AI06p3600
4500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,5%	96,5%	83,7%	82,1%	75,9%	H04WP11##60AI06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,6%	96,5%	84,5%	82,9%	77,0%	H04WP11##60AI06p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,7%	96,6%	85,2%	83,8%	78,1%	H04WP11##60AI06p5500
5800	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,7%	96,6%	85,7%	84,3%	78,8%	H04WP11##60AI06p5800
6500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,7%	96,7%	86,8%	86,0%	81,6%	H04WP11##60AI06p6500
6000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,7%	96,7%	86,0%	84,8%	79,6%	H04WP11##60AI06p6000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz WP-II or TEWAC enclosure											
8-pole											
1050	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,8%	94,8%	80,8%	78,1%	69,5%	H04WPII##60AI08p1050
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,9%	95,0%	80,1%	77,2%	68,3%	H04WPII##60AI08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,1%	95,1%	79,3%	76,1%	66,9%	H04WPII##60AI08p1500
1600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,1%	95,2%	78,9%	75,6%	66,3%	H04WPII##60AI08p1600
1650	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,2%	95,2%	78,7%	75,4%	66,0%	H04WPII##60AI08p1650
1050	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,8%	94,8%	80,8%	78,1%	69,5%	H04WPII##60AI08p1050
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,9%	95,0%	80,1%	77,2%	68,3%	H04WPII##60AI08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,1%	95,1%	79,3%	76,1%	66,9%	H04WPII##60AI08p1500
1600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,1%	95,2%	78,9%	75,6%	66,3%	H04WPII##60AI08p1600
1650	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,2%	95,2%	78,7%	75,4%	66,0%	H04WPII##60AI08p1650
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,3%	96,2%	84,2%	81,8%	74,6%	H04WPII##60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,3%	84,1%	81,9%	75,0%	H04WPII##60Cu08p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,3%	83,9%	82,1%	75,4%	H04WPII##60Cu08p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,4%	83,8%	82,2%	75,8%	H04WPII##60Cu08p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,5%	83,7%	82,3%	76,2%	H04WPII##60Cu08p5500
5600	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,6%	96,3%	96,4%	84,7%	82,4%	75,4%	H04WPII##60AI08p5600
5500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,6%	96,3%	96,4%	84,8%	82,6%	75,7%	H04WPII##60AI08p5500
10-pole											
800	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,1%	93,8%	75,8%	73,5%	63,0%	H04WPII##60AI10p800
900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,3%	94,0%	76,4%	74,5%	64,4%	H04WPII##60AI10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,5%	94,3%	77,0%	75,4%	65,7%	H04WPII##60AI10p1000
1150	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,7%	94,7%	78,0%	76,9%	67,8%	H04WPII##60AI10p1150
1500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,1%	95,1%	79,9%	77,0%	68,6%	H04WPII##60AI10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,2%	95,1%	79,7%	76,5%	67,7%	H04WPII##60AI10p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,3%	95,1%	79,5%	76,0%	66,7%	H04WPII##60AI10p2000
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,3%	95,1%	79,5%	76,0%	66,7%	H04WPII##60AI10p2000
2500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,9%	95,9%	82,5%	80,3%	73,0%	H04WPII##60AI10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,9%	95,9%	82,3%	80,1%	72,8%	H04WPII##60AI10p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,9%	95,9%	82,1%	79,9%	72,5%	H04WPII##60AI10p3500
3800	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,9%	96,0%	82,0%	79,8%	72,4%	H04WPII##60AI10p3800
12-pole											
550	6811	8311	AF / Sleeve	Grease / Oil self-cooled	92,5%	93,5%	93,3%	74,2%	71,1%	60,7%	H04WPII##60AI12p550
600	6811	8311	AF / Sleeve	Grease / Oil self-cooled	92,7%	93,5%	93,3%	73,9%	70,5%	59,9%	H04WPII##60AI12p600
700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	92,9%	93,7%	93,3%	73,1%	69,2%	58,2%	H04WPII##60AI12p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,1%	93,8%	93,4%	72,3%	67,9%	56,5%	H04WPII##60AI12p800
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,1%	93,8%	93,4%	72,3%	67,9%	56,5%	H04WPII##60AI12p800
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,7%	94,5%	75,6%	71,2%	61,1%	H04WPII##60AI12p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,8%	94,4%	74,7%	69,9%	59,3%	H04WPII##60AI12p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,8%	94,4%	73,7%	68,5%	57,5%	H04WPII##60AI12p1500
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,8%	94,4%	73,7%	68,5%	57,5%	H04WPII##60AI12p1500
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,7%	94,4%	73,8%	67,5%	55,6%	H04WPII##60AI12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	94,5%	73,8%	67,6%	55,8%	H04WPII##60AI12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,0%	94,7%	73,8%	67,8%	56,0%	H04WPII##60AI12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,1%	94,8%	73,9%	67,9%	56,2%	H04WPII##60AI12p2500
2800	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	95,0%	73,9%	68,1%	56,5%	H04WPII##60AI12p2800

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Hz WP-II or TEWAC enclosure											
2-pole											
2250	6811	8311	Sleeve	Oil self-cooled	95,6%	95,9%	95,7%	89,1%	87,0%	83,3%	H06WPII##60AI02p2250
2500	6811	8311	Sleeve	Oil self-cooled	95,8%	96,1%	95,9%	89,6%	87,5%	84,0%	H06WPII##60AI02p2500
3000	6812	8312	Sleeve	Oil self-cooled	96,1%	96,4%	96,3%	90,5%	88,6%	85,5%	H06WPII##60AI02p3000
3500	6812	8312	Sleeve	Oil self-cooled	96,5%	96,7%	96,6%	91,5%	89,6%	86,9%	H06WPII##60AI02p3500
4000	n.a.	8411	Sleeve	Oil forced	96,4%	96,3%	95,8%	90,7%	88,7%	85,6%	H06WPII##60AI02p4000
4500	n.a.	8411E	Sleeve	Oil forced	96,4%	96,4%	95,9%	90,9%	88,5%	85,0%	H06WPII##60AI02p4500
5000	n.a.	8411E	Sleeve	Oil forced	96,5%	96,4%	95,9%	91,0%	88,4%	84,4%	H06WPII##60AI02p5000
5300	n.a.	8411E	Sleeve	Oil forced	96,5%	96,4%	95,9%	91,1%	88,3%	84,1%	H06WPII##60AI02p5300
6000	n.a.	8511	Sleeve	Oil forced	96,4%	96,4%	95,8%	89,4%	88,9%	85,6%	H06WPII##60AI02p6000
7000	n.a.	8512	Sleeve	Oil forced	96,5%	96,5%	96,0%	89,8%	89,7%	87,1%	H06WPII##60AI02p7000
8000	n.a.	8512	Sleeve	Oil forced	96,6%	96,6%	96,2%	90,3%	90,5%	88,6%	H06WPII##60AI02p8000
8800	n.a.	8512	Sleeve	Oil forced	96,6%	96,7%	96,3%	90,6%	91,1%	89,8%	H06WPII##60AI02p8800
10000	n.a.	8513	Sleeve	Oil forced	96,7%	96,7%	96,3%	92,2%	92,9%	92,4%	H06WPII##60AI02p10000
9000	n.a.	8513	Sleeve	Oil forced	96,6%	96,7%	96,3%	90,9%	91,4%	90,2%	H06WPII##60AI02p9000
4-pole											
2150	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,5%	95,2%	86,2%	81,8%	74,1%	H06WPII##60AI04p2150
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,8%	95,5%	86,5%	82,2%	74,7%	H06WPII##60AI04p2500
2800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,7%	86,8%	82,6%	75,2%	H06WPII##60AI04p2800
3500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,6%	85,1%	80,1%	71,4%	H06WPII##60AI04p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	95,7%	86,1%	81,6%	73,8%	H06WPII##60AI04p4000
4500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	95,8%	87,1%	83,1%	76,1%	H06WPII##60AI04p4500
4600	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	95,8%	87,3%	83,4%	76,6%	H06WPII##60AI04p4600
5700	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,5%	96,7%	96,5%	87,4%	85,7%	80,1%	H06WPII##60AI04p5700
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,6%	96,8%	96,6%	87,9%	86,3%	80,9%	H06WPII##60AI04p7000
7700	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,6%	96,8%	96,6%	88,2%	86,6%	81,4%	H06WPII##60AI04p7700
8500	n.a.	8513	AF / Sleeve	Grease / Oil Forced	96,7%	96,9%	96,8%	89,5%	88,5%	84,4%	H06WPII##60AI04p8500
8000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	96,6%	96,8%	96,7%	88,7%	87,3%	82,5%	H06WPII##60AI04p8000
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,1%	95,1%	81,6%	78,4%	69,9%	H06WPII##60AI06p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,1%	95,0%	81,2%	77,6%	68,5%	H06WPII##60AI06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	94,9%	80,8%	76,7%	67,1%	H06WPII##60AI06p2000
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	94,9%	80,8%	76,7%	67,1%	H06WPII##60AI06p2000
2500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	96,1%	96,1%	84,6%	84,5%	78,8%	H06WPII##60AI06p2500
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	96,2%	96,2%	84,4%	84,1%	78,2%	H06WPII##60AI06p3000
3600	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,3%	96,3%	96,3%	84,2%	83,7%	77,5%	H06WPII##60AI06p3600
3600	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,3%	96,3%	96,3%	84,2%	83,7%	77,5%	H06WPII##60AI06p3600
4000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,2%	96,0%	83,0%	80,3%	72,6%	H06WPII##60AI06p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,3%	96,1%	83,6%	81,2%	74,0%	H06WPII##60AI06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,4%	96,3%	84,2%	82,1%	75,4%	H06WPII##60AI06p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,5%	96,4%	84,8%	83,0%	76,8%	H06WPII##60AI06p5500
5700	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,6%	96,4%	85,0%	83,4%	77,4%	H06WPII##60AI06p5700
6300	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,6%	96,5%	85,4%	83,7%	77,8%	H06WPII##60AI06p6300
6000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,6%	96,5%	85,2%	83,6%	77,6%	H06WPII##60AI06p6000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Hz WP-II or TEWAC enclosure											
8-pole											
950	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,4%	94,5%	94,6%	78,2%	74,7%	64,9%	H06WPII##60AI08p950
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,8%	94,9%	79,5%	76,6%	67,7%	H06WPII##60AI08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	95,0%	95,1%	80,6%	78,2%	70,0%	H06WPII##60AI08p1500
1550	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,0%	95,2%	80,8%	78,5%	70,5%	H06WPII##60AI08p1550
1800	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,5%	95,7%	84,6%	83,2%	77,5%	H06WPII##60AI08p1800
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,6%	95,7%	84,5%	82,8%	76,7%	H06WPII##60AI08p2000
2250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,7%	95,8%	84,3%	82,2%	75,6%	H06WPII##60AI08p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,8%	95,8%	84,1%	81,6%	74,6%	H06WPII##60AI08p2500
2600	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,9%	95,8%	84,0%	81,4%	74,2%	H06WPII##60AI08p2600
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,6%	96,1%	96,1%	82,8%	79,5%	71,2%	H06WPII##60AI08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,5%	96,2%	96,2%	83,4%	80,7%	73,3%	H06WPII##60AI08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	96,2%	96,3%	83,9%	81,9%	75,3%	H06WPII##60AI08p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	96,2%	96,4%	84,5%	83,1%	77,4%	H06WPII##60AI08p4500
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	96,2%	96,4%	84,5%	83,1%	77,4%	H06WPII##60AI08p4500
5300	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,5%	96,3%	96,5%	85,3%	84,2%	79,1%	H06WPII##60AI08p5300
5000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,5%	96,3%	96,5%	85,0%	83,8%	78,5%	H06WPII##60AI08p5000
10-pole											
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,0%	93,8%	93,9%	79,3%	78,7%	70,3%	H06WPII##60AI10p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,2%	94,0%	94,0%	78,6%	77,6%	68,6%	H06WPII##60AI10p800
900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,2%	94,1%	78,0%	76,5%	67,0%	H06WPII##60AI10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,3%	94,2%	77,3%	75,4%	65,3%	H06WPII##60AI10p1000
1050	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,4%	94,3%	77,0%	74,8%	64,5%	H06WPII##60AI10p1050
1300	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,0%	94,8%	79,9%	76,4%	67,3%	H06WPII##60AI10p1300
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,1%	94,8%	79,6%	75,9%	66,5%	H06WPII##60AI10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,2%	94,9%	79,2%	75,2%	65,4%	H06WPII##60AI10p1750
1800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,2%	94,9%	79,1%	75,1%	65,2%	H06WPII##60AI10p1800
2250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,7%	95,8%	82,9%	80,9%	73,9%	H06WPII##60AI10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,7%	95,8%	82,7%	80,5%	73,3%	H06WPII##60AI10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,8%	95,8%	82,2%	79,7%	72,0%	H06WPII##60AI10p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,8%	95,8%	81,7%	78,9%	70,7%	H06WPII##60AI10p3500
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,8%	95,8%	81,7%	78,9%	70,7%	H06WPII##60AI10p3500
12-pole											
500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	92,6%	93,2%	92,6%	69,4%	63,9%	51,5%	H06WPII##60AI12p500
600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	92,8%	93,4%	92,8%	69,6%	64,1%	51,7%	H06WPII##60AI12p600
700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,0%	93,5%	93,0%	69,8%	64,2%	51,9%	H06WPII##60AI12p700
750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,0%	93,6%	93,1%	69,8%	64,3%	52,0%	H06WPII##60AI12p750
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,5%	94,2%	74,8%	69,7%	58,9%	H06WPII##60AI12p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,6%	94,2%	74,7%	69,6%	58,8%	H06WPII##60AI12p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,3%	74,6%	69,5%	58,8%	H06WPII##60AI12p1250
1350	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,3%	74,5%	69,4%	58,5%	H06WPII##60AI12p1350
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,5%	94,3%	74,7%	68,9%	57,3%	H06WPII##60AI12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,4%	74,6%	68,8%	57,2%	H06WPII##60AI12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,8%	94,5%	74,6%	68,8%	57,2%	H06WPII##60AI12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,6%	74,5%	68,7%	57,1%	H06WPII##60AI12p2500
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,6%	74,5%	68,7%	57,1%	H06WPII##60AI12p2500

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz WP-II or TEWAC enclosure											
2-pole											
2250	6812	8312	Sleeve	Oil self-cooled	95,2%	95,5%	95,2%	91,1%	88,6%	84,7%	H13WPII##60AI02p2250
2500	n.a.	8411	Sleeve	Oil forced	95,6%	95,4%	94,6%	91,1%	88,3%	84,1%	H13WPII##60AI02p2500
3000	n.a.	8411E	Sleeve	Oil forced	95,7%	95,6%	94,8%	91,4%	88,9%	85,2%	H13WPII##60AI02p3000
3400	n.a.	8411E	Sleeve	Oil forced	95,8%	95,7%	95,0%	91,7%	89,4%	86,1%	H13WPII##60AI02p3400
4000	n.a.	8512	Sleeve	Oil forced	95,5%	95,3%	94,4%	93,4%	93,9%	93,5%	H13WPII##60AI02p4000
4500	n.a.	8512	Sleeve	Oil forced	95,6%	95,5%	94,6%	92,6%	92,8%	91,7%	H13WPII##60AI02p4500
5000	n.a.	8512	Sleeve	Oil forced	95,8%	95,6%	94,8%	91,8%	91,7%	89,9%	H13WPII##60AI02p5000
5500	n.a.	8512	Sleeve	Oil forced	95,9%	95,8%	95,0%	91,0%	90,7%	88,1%	H13WPII##60AI02p5500
5900	n.a.	8512	Sleeve	Oil forced	96,0%	95,9%	95,2%	90,4%	89,8%	86,6%	H13WPII##60AI02p5900
6250	n.a.	8513	Sleeve	Oil forced	96,0%	95,9%	95,3%	92,9%	93,4%	92,8%	H13WPII##60AI02p6250
6000	n.a.	8513	Sleeve	Oil forced	96,0%	95,9%	95,2%	91,1%	90,8%	88,4%	H13WPII##60AI02p6000
4-pole											
1400	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,1%	93,4%	83,6%	77,5%	67,4%	H13WPII##60AI04p1400
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,7%	94,3%	86,3%	82,1%	74,8%	H13WPII##60AI04p1750
1900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,0%	94,7%	87,5%	84,1%	77,9%	H13WPII##60AI04p1900
2250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,4%	95,0%	87,9%	83,9%	77,1%	H13WPII##60AI04p2250
2500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,5%	95,1%	87,7%	83,7%	76,8%	H13WPII##60AI04p2500
2900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,2%	87,4%	83,3%	76,3%	H13WPII##60AI04p2900
3500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	95,9%	96,1%	95,7%	87,6%	85,6%	79,6%	H13WPII##60AI04p3500
4000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,0%	96,2%	95,8%	87,9%	85,9%	80,1%	H13WPII##60AI04p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,1%	96,2%	95,9%	88,1%	86,3%	80,7%	H13WPII##60AI04p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,2%	96,3%	96,0%	88,4%	86,6%	81,2%	H13WPII##60AI04p5000
5300	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,3%	96,4%	96,0%	88,5%	86,8%	81,5%	H13WPII##60AI04p5300
5700	n.a.	8513	AF / Sleeve	Grease / Oil Forced	96,3%	96,4%	96,2%	90,6%	89,8%	86,3%	H13WPII##60AI04p5700
5500	n.a.	8513	AF / Sleeve	Grease / Oil Forced	96,3%	96,4%	96,1%	89,6%	88,3%	83,9%	H13WPII##60AI04p5500
6-pole											
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,4%	92,6%	77,6%	71,9%	60,5%	H13WPII##60AI06p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,0%	93,6%	80,7%	76,8%	67,8%	H13WPII##60AI06p1250
1450	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,5%	94,5%	83,1%	80,7%	73,7%	H13WPII##60AI06p1450
1750	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,8%	95,1%	95,2%	85,9%	86,2%	81,4%	H13WPII##60AI06p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	92,9%	95,0%	94,9%	84,8%	84,1%	77,7%	H13WPII##60AI06p2000
2200	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,0%	94,9%	94,6%	83,9%	82,4%	74,8%	H13WPII##60AI06p2200
2750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,7%	95,3%	83,5%	81,0%	73,6%	H13WPII##60AI06p2750
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,7%	95,4%	83,7%	81,2%	73,9%	H13WPII##60AI06p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,9%	95,5%	84,2%	81,7%	74,5%	H13WPII##60AI06p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,0%	95,7%	84,7%	82,2%	75,1%	H13WPII##60AI06p4000
4300	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,0%	95,7%	85,0%	82,5%	75,5%	H13WPII##60AI06p4300
8-pole											
1200	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,1%	93,8%	81,3%	77,2%	67,6%	H13WPII##60AI08p1200
1250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,1%	93,8%	81,2%	77,0%	67,3%	H13WPII##60AI08p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,2%	93,8%	80,6%	76,0%	65,8%	H13WPII##60AI08p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,3%	93,8%	79,9%	74,9%	64,3%	H13WPII##60AI08p1750
1850	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,4%	93,8%	79,7%	74,5%	63,7%	H13WPII##60AI08p1850

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz WP-II or TEWAC enclosure											
2250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,1%	95,2%	86,2%	84,3%	78,1%	H13WPII##60AI08p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,2%	95,3%	85,6%	83,4%	76,7%	H13WPII##60AI08p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,3%	95,3%	84,5%	81,6%	74,0%	H13WPII##60AI08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,5%	95,4%	83,4%	79,8%	71,2%	H13WPII##60AI08p3500
3700	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,5%	95,4%	82,9%	79,1%	70,1%	H13WPII##60AI08p3700
4000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,6%	95,5%	84,9%	81,9%	74,0%	H13WPII##60AI08p4000
10-pole											
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,4%	93,8%	93,8%	82,5%	79,9%	72,2%	H13WPII##60AI10p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,6%	94,0%	93,9%	82,4%	79,8%	71,9%	H13WPII##60AI10p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,1%	94,3%	94,2%	82,2%	79,4%	71,2%	H13WPII##60AI10p1250
1300	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,2%	94,4%	94,2%	82,1%	79,3%	71,0%	H13WPII##60AI10p1300
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,6%	94,2%	79,1%	74,4%	63,8%	H13WPII##60AI10p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,8%	94,4%	79,5%	75,0%	64,7%	H13WPII##60AI10p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,9%	94,5%	79,8%	75,5%	65,5%	H13WPII##60AI10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,0%	94,7%	80,2%	76,1%	66,4%	H13WPII##60AI10p2500
2850	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,2%	94,9%	80,6%	76,9%	67,6%	H13WPII##60AI10p2850
12-pole											
600	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,8%	93,0%	92,2%	72,9%	66,2%	53,9%	H13WPII##60AI12p600
700	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,0%	93,1%	92,3%	72,9%	66,2%	53,9%	H13WPII##60AI12p700
800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,1%	93,3%	92,5%	72,8%	66,2%	54,0%	H13WPII##60AI12p800
900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,4%	92,7%	72,8%	66,1%	54,0%	H13WPII##60AI12p900
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,6%	92,8%	72,7%	66,1%	54,0%	H13WPII##60AI12p1000
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,6%	92,8%	72,7%	66,1%	54,0%	H13WPII##60AI12p1000
1250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	93,2%	93,6%	93,1%	75,8%	70,0%	58,5%	H13WPII##60AI12p1250
1500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,2%	93,7%	93,3%	76,3%	70,7%	59,4%	H13WPII##60AI12p1500
1750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,8%	93,5%	76,9%	71,5%	60,3%	H13WPII##60AI12p1750
1900	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,8%	93,6%	77,2%	71,9%	60,8%	H13WPII##60AI12p1900

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz TEAAC enclosure											
2-pole											
2000	6811	8311	Sleeve	Oil self-cooled	94,9%	94,9%	94,2%	90,7%	88,5%	85,0%	H04TEAAC#60AI02p2000
2250	6811	8311	Sleeve	Oil self-cooled	95,2%	95,2%	94,5%	90,8%	88,6%	85,1%	H04TEAAC#60AI02p2250
2500	6812	8312	Sleeve	Oil self-cooled	95,4%	95,4%	94,8%	90,9%	88,7%	85,2%	H04TEAAC#60AI02p2500
3000	6812	8312	Sleeve	Oil self-cooled	95,9%	95,9%	95,4%	91,1%	88,8%	85,4%	H04TEAAC#60AI02p3000
3300	6812	8312	Sleeve	Oil self-cooled	96,2%	96,2%	95,8%	91,2%	88,9%	85,5%	H04TEAAC#60AI02p3300
3700	n.a.	8411	Sleeve	Oil forced	95,2%	94,7%	93,4%	90,3%	88,2%	85,0%	H04TEAAC#60AI02p3700
4300	n.a.	8411E	Sleeve	Oil forced	95,6%	95,2%	94,0%	91,2%	89,0%	85,9%	H04TEAAC#60AI02p4300
5000	n.a.	8511	Sleeve	Oil forced	94,6%	94,0%	92,4%	89,2%	88,6%	85,3%	H04TEAAC#60AI02p5000
6000	n.a.	8512	Sleeve	Oil forced	95,1%	94,7%	93,3%	90,1%	89,8%	87,0%	H04TEAAC#60AI02p6000
7000	n.a.	8512	Sleeve	Oil forced	95,6%	95,3%	94,1%	91,0%	91,0%	88,8%	H04TEAAC#60AI02p7000
7200	n.a.	8512	Sleeve	Oil forced	95,7%	95,4%	94,3%	91,2%	91,2%	89,1%	H04TEAAC#60AI02p7200
8500	n.a.	8513	Sleeve	Oil forced	96,0%	95,8%	95,0%	92,7%	93,1%	92,2%	H04TEAAC#60AI02p8500
8000	n.a.	8513	Sleeve	Oil forced	95,9%	95,7%	94,7%	92,1%	92,4%	91,0%	H04TEAAC#60AI02p8000
4-pole											
2000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,9%	94,4%	87,9%	84,8%	79,3%	H04TEAAC#60AI04p2000
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,2%	94,8%	88,1%	85,1%	80,0%	H04TEAAC#60AI04p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,5%	95,1%	88,2%	85,5%	80,6%	H04TEAAC#60AI04p2500
2800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,8%	95,5%	88,4%	85,9%	81,4%	H04TEAAC#60AI04p2800
3250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,4%	94,6%	85,8%	80,9%	72,7%	H04TEAAC#60AI04p3250
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,2%	95,9%	89,2%	86,2%	81,1%	H04TEAAC#60AI04p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	94,5%	93,9%	92,3%	86,3%	84,1%	77,8%	H04TEAAC#60AI04p4500
5000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	94,7%	94,2%	92,7%	86,9%	85,1%	79,6%	H04TEAAC#60AI04p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil Forced	94,9%	94,5%	93,1%	87,6%	86,2%	81,3%	H04TEAAC#60AI04p5500
6000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,1%	94,7%	93,6%	88,2%	87,2%	83,1%	H04TEAAC#60AI04p6000
6700	n.a.	8512	AF / Sleeve	Grease / Oil Forced	95,3%	95,1%	94,2%	89,1%	88,7%	85,6%	H04TEAAC#60AI04p6700
7500	n.a.	8513	AF / Sleeve	Grease / Oil Forced	95,6%	95,4%	94,5%	89,5%	88,9%	85,6%	H04TEAAC#60AI04p7500
7000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	95,4%	95,2%	94,3%	89,3%	88,8%	85,6%	H04TEAAC#60AI04p7000
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,4%	83,2%	80,1%	72,1%	H04TEAAC#60AI06p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,7%	82,1%	78,5%	69,7%	H04TEAAC#60AI06p1750
1900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	94,8%	81,5%	77,6%	68,3%	H04TEAAC#60AI06p1900
2100	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,7%	95,6%	95,4%	85,3%	84,6%	78,3%	H04TEAAC#60AI06p2100
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,9%	95,7%	85,3%	84,5%	78,0%	H04TEAAC#60AI06p2500
3200	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	96,4%	96,3%	85,4%	84,4%	77,6%	H04TEAAC#60AI06p3200
3200	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	96,4%	96,3%	85,4%	84,4%	77,6%	H04TEAAC#60AI06p3200
3500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,9%	95,4%	84,4%	82,1%	75,3%	H04TEAAC#60AI06p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,0%	95,6%	84,9%	82,8%	76,3%	H04TEAAC#60AI06p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,2%	95,8%	85,5%	83,5%	77,2%	H04TEAAC#60AI06p4500
4700	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,3%	95,9%	85,7%	83,8%	77,6%	H04TEAAC#60AI06p4700
5200	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,4%	96,2%	86,7%	85,3%	80,2%	H04TEAAC#60AI06p5200
5000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	96,1%	86,3%	84,7%	79,2%	H04TEAAC#60AI06p5000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 KV 60 HZ TEAAC ENCLOSURE											
8-POLE											
1000	6811	8311	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,5%	94,6%	94,5%	80,0%	77,6%	69,5%	H04TEAAC#60AL08P1000
1250	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,8%	94,8%	94,7%	80,3%	77,7%	69,4%	H04TEAAC#60AL08P1250
1450	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,0%	95,0%	94,9%	80,4%	77,8%	69,4%	H04TEAAC#60AL08P1450
1800	N.A.	8411	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,2%	95,7%	95,6%	83,3%	80,2%	72,1%	H04TEAAC#60AL08P1800
2000	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,2%	95,7%	95,5%	82,9%	79,6%	71,0%	H04TEAAC#60AL08P2000
2250	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,3%	95,8%	95,5%	82,5%	78,8%	69,7%	H04TEAAC#60AL08P2250
2250	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,3%	95,8%	95,5%	82,5%	78,8%	69,7%	H04TEAAC#60AL08P2250
3000	N.A.	8511	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,7%	96,2%	96,1%	82,6%	79,6%	71,5%	H04TEAAC#60AL08P3000
3500	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,7%	96,3%	96,2%	82,9%	80,2%	72,5%	H04TEAAC#60AL08P3500
4000	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,8%	96,3%	96,3%	83,2%	80,7%	73,4%	H04TEAAC#60AL08P4000
4250	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,8%	96,4%	96,3%	83,4%	81,0%	73,9%	H04TEAAC#60AL08P4250
4750	N.A.	8513	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,9%	96,4%	96,3%	82,7%	79,6%	71,5%	H04TEAAC#60AL08P4750
4500	N.A.	8513	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,8%	96,4%	96,3%	83,1%	80,3%	72,7%	H04TEAAC#60AL08P4500
10-POLE											
700	6811	8311	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,0%	93,7%	93,7%	80,0%	80,1%	72,7%	H04TEAAC#60AL10P700
800	6811	8311	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,2%	93,9%	93,8%	79,4%	79,1%	71,2%	H04TEAAC#60AL10P800
900	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,5%	94,1%	93,9%	78,8%	78,2%	69,7%	H04TEAAC#60AL10P900
1000	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,7%	94,2%	94,0%	78,2%	77,2%	68,2%	H04TEAAC#60AL10P1000
1100	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,0%	94,4%	94,2%	77,6%	76,2%	66,7%	H04TEAAC#60AL10P1100
1300	N.A.	8411	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,1%	95,1%	94,8%	78,6%	74,6%	64,7%	H04TEAAC#60AL10P1300
1500	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,1%	95,2%	95,0%	79,7%	76,2%	67,1%	H04TEAAC#60AL10P1500
1750	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,2%	95,4%	95,3%	81,0%	78,2%	70,1%	H04TEAAC#60AL10P1750
1850	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,3%	95,5%	95,4%	81,5%	79,0%	71,3%	H04TEAAC#60AL10P1850
2250	N.A.	8511	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,4%	95,6%	95,4%	80,6%	77,8%	69,5%	H04TEAAC#60AL10P2250
2500	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,5%	95,6%	95,4%	80,2%	77,2%	68,7%	H04TEAAC#60AL10P2500
3000	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,6%	95,7%	95,3%	79,4%	76,0%	67,0%	H04TEAAC#60AL10P3000
3250	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,7%	95,7%	95,3%	78,9%	75,4%	66,2%	H04TEAAC#60AL10P3250
12-POLE											
500	6811	8311	AF / SLEEVE	GREASE / OIL SELF-COOLED	92,7%	93,5%	93,1%	73,1%	69,1%	57,9%	H04TEAAC#60AL12P500
600	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,0%	93,6%	93,2%	71,7%	67,3%	55,8%	H04TEAAC#60AL12P600
700	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,2%	93,8%	93,2%	70,4%	65,6%	53,8%	H04TEAAC#60AL12P700
800	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,4%	93,9%	93,3%	69,0%	63,8%	51,7%	H04TEAAC#60AL12P800
800	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,4%	93,9%	93,3%	69,0%	63,8%	51,7%	H04TEAAC#60AL12P800
900	N.A.	8411	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,6%	94,8%	94,4%	74,9%	69,6%	58,7%	H04TEAAC#60AL12P900
1000	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,6%	94,9%	94,5%	75,1%	70,0%	59,2%	H04TEAAC#60AL12P1000
1100	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,7%	94,9%	94,6%	75,4%	70,3%	59,7%	H04TEAAC#60AL12P1100
1200	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,7%	95,0%	94,6%	75,6%	70,7%	60,2%	H04TEAAC#60AL12P1200
1750	N.A.	8511	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,5%	94,7%	94,4%	73,8%	67,5%	55,6%	H04TEAAC#60AL12P1750
2000	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,6%	94,8%	94,4%	73,2%	66,8%	54,7%	H04TEAAC#60AL12P2000
2250	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,7%	94,9%	94,5%	72,5%	66,0%	53,9%	H04TEAAC#60AL12P2250
2500	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,8%	95,0%	94,5%	71,9%	65,3%	53,0%	H04TEAAC#60AL12P2500
2500	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,8%	95,0%	94,5%	71,9%	65,3%	53,0%	H04TEAAC#60AL12P2500

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 KV 60 HZ TEAAC ENCLOSURE											
2-POLE											
2000	6811	8311	SLEEVE	OIL SELF-COOLED	95,1%	95,1%	94,4%	90,4%	87,9%	84,1%	H06TEAAC#60AL02P2000
2250	6811	8311	SLEEVE	OIL SELF-COOLED	95,3%	95,3%	94,7%	90,8%	88,3%	84,6%	H06TEAAC#60AL02P2250
2500	6812	8312	SLEEVE	OIL SELF-COOLED	95,6%	95,6%	95,0%	91,1%	88,7%	85,1%	H06TEAAC#60AL02P2500
2900	6812	8312	SLEEVE	OIL SELF-COOLED	96,0%	96,0%	95,5%	91,6%	89,3%	85,9%	H06TEAAC#60AL02P2900
3500	N.A.	8411	SLEEVE	OIL FORCED	95,2%	94,6%	93,3%	90,9%	88,9%	86,0%	H06TEAAC#60AL02P3500
4000	N.A.	8411E	SLEEVE	OIL FORCED	95,4%	95,0%	93,7%	91,4%	89,2%	86,2%	H06TEAAC#60AL02P4000
4300	N.A.	8411E	SLEEVE	OIL FORCED	95,6%	95,2%	94,0%	91,7%	89,4%	86,3%	H06TEAAC#60AL02P4300
5000	N.A.	8511	SLEEVE	OIL FORCED	94,8%	94,3%	92,7%	89,9%	89,4%	86,5%	H06TEAAC#60AL02P5000
5500	N.A.	8512	SLEEVE	OIL FORCED	95,0%	94,5%	93,0%	90,0%	89,5%	86,6%	H06TEAAC#60AL02P5500
6000	N.A.	8512	SLEEVE	OIL FORCED	95,2%	94,8%	93,4%	90,1%	89,6%	86,8%	H06TEAAC#60AL02P6000
7400	N.A.	8512	SLEEVE	OIL FORCED	95,8%	95,5%	94,4%	90,3%	89,9%	87,2%	H06TEAAC#60AL02P7400
8250	N.A.	8513	SLEEVE	OIL FORCED	96,0%	95,8%	95,0%	92,6%	93,3%	92,9%	H06TEAAC#60AL02P8250
8000	N.A.	8513	SLEEVE	OIL FORCED	96,0%	95,7%	94,8%	91,9%	92,3%	91,2%	H06TEAAC#60AL02P8000
4-POLE											
1750	6811	8311	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,8%	94,7%	94,2%	87,4%	84,0%	78,1%	H06TEAAC#60AL04P1750
2000	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,1%	95,0%	94,5%	88,1%	84,9%	79,4%	H06TEAAC#60AL04P2000
2250	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,3%	95,2%	94,9%	88,8%	85,8%	80,7%	H06TEAAC#60AL04P2250
2300	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,3%	95,3%	95,0%	88,9%	86,0%	81,0%	H06TEAAC#60AL04P2300
3000	N.A.	8411	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,6%	95,3%	94,6%	88,2%	84,8%	79,0%	H06TEAAC#60AL04P3000
3500	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,8%	95,5%	94,8%	88,1%	84,3%	77,9%	H06TEAAC#60AL04P3500
3800	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,9%	95,6%	95,0%	88,0%	84,0%	77,3%	H06TEAAC#60AL04P3800
4500	N.A.	8511	AF / SLEEVE	GREASE / OIL FORCED	94,5%	94,0%	92,4%	86,2%	84,1%	77,9%	H06TEAAC#60AL04P4500
5000	N.A.	8511	AF / SLEEVE	GREASE / OIL FORCED	94,7%	94,2%	92,8%	86,7%	84,8%	79,0%	H06TEAAC#60AL04P5000
5500	N.A.	8512	AF / SLEEVE	GREASE / OIL FORCED	94,9%	94,5%	93,2%	87,1%	85,5%	80,1%	H06TEAAC#60AL04P5500
6000	N.A.	8512	AF / SLEEVE	GREASE / OIL FORCED	95,1%	94,8%	93,6%	87,6%	86,1%	81,2%	H06TEAAC#60AL04P6000
6700	N.A.	8512	AF / SLEEVE	GREASE / OIL FORCED	95,4%	95,1%	94,1%	88,2%	87,1%	82,7%	H06TEAAC#60AL04P6700
7500	N.A.	8513	AF / SLEEVE	GREASE / OIL FORCED	95,6%	95,5%	94,7%	89,6%	89,1%	86,1%	H06TEAAC#60AL04P7500
7000	N.A.	8513	AF / SLEEVE	GREASE / OIL FORCED	95,5%	95,3%	94,3%	88,7%	87,9%	84,0%	H06TEAAC#60AL04P7000
6-POLE											
1250	6811	8311	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,8%	93,9%	93,3%	80,6%	76,9%	68,0%	H06TEAAC#60AL06P1250
1500	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,2%	94,4%	93,8%	80,7%	76,9%	67,7%	H06TEAAC#60AL06P1500
1750	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,6%	94,8%	94,3%	80,9%	76,8%	67,4%	H06TEAAC#60AL06P1750
1800	6812	8312	AF / SLEEVE	GREASE / OIL SELF-COOLED	94,7%	94,9%	94,4%	80,9%	76,8%	67,3%	H06TEAAC#60AL06P1800
2100	N.A.	8411	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,3%	95,2%	95,0%	85,3%	84,9%	78,9%	H06TEAAC#60AL06P2100
2500	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,7%	95,6%	95,2%	85,2%	84,4%	77,9%	H06TEAAC#60AL06P2500
2700	N.A.	8411E	AF / SLEEVE	GREASE / OIL SELF-COOLED	93,9%	95,7%	95,4%	85,1%	84,1%	77,4%	H06TEAAC#60AL06P2700
3400	N.A.	8511	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,8%	95,9%	95,5%	85,8%	84,2%	78,6%	H06TEAAC#60AL06P3400
4000	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	95,9%	96,1%	95,7%	86,0%	84,3%	78,6%	H06TEAAC#60AL06P4000
4500	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	96,1%	96,3%	95,9%	86,1%	84,4%	78,7%	H06TEAAC#60AL06P4500
4700	N.A.	8512	AF / SLEEVE	GREASE / OIL SELF-COOLED	96,2%	96,3%	96,0%	86,2%	84,4%	78,7%	H06TEAAC#60AL06P4700
5200	N.A.	8513	AF / SLEEVE	GREASE / OIL SELF-COOLED	96,3%	96,5%	96,2%	86,7%	85,0%	79,5%	H06TEAAC#60AL06P5200
5000	N.A.	8513	AF / SLEEVE	GREASE / OIL SELF-COOLED	96,2%	96,4%	96,1%	86,5%	84,8%	79,2%	H06TEAAC#60AL06P5000

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Hz TEAAC enclosure											
8-pole											
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,8%	94,8%	80,4%	78,0%	69,7%	H06TEAAC#60AI08p900
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,8%	94,8%	80,3%	77,8%	69,5%	H06TEAAC#60AI08p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,9%	94,9%	80,0%	77,4%	68,9%	H06TEAAC#60AI08p1250
1400	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,0%	95,0%	79,8%	77,1%	68,5%	H06TEAAC#60AI08p1400
1600	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,5%	95,7%	85,5%	84,4%	79,4%	H06TEAAC#60AI08p1600
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,6%	95,6%	85,1%	83,5%	77,8%	H06TEAAC#60AI08p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,6%	95,6%	84,4%	82,1%	75,1%	H06TEAAC#60AI08p2000
2150	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,7%	95,5%	84,0%	81,2%	73,5%	H06TEAAC#60AI08p2150
2500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,2%	96,1%	85,2%	82,8%	75,9%	H06TEAAC#60AI08p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,3%	96,1%	85,2%	82,8%	76,1%	H06TEAAC#60AI08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,3%	96,2%	85,1%	82,9%	76,2%	H06TEAAC#60AI08p3500
3750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,3%	85,1%	82,9%	76,3%	H06TEAAC#60AI08p3750
4250	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,4%	86,3%	84,9%	79,8%	H06TEAAC#60AI08p4250
4000	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,4%	85,7%	83,9%	78,1%	H06TEAAC#60AI08p4000
10-pole											
600	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,9%	93,9%	77,4%	75,6%	65,8%	H06TEAAC#60AI10p600
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,1%	94,0%	77,6%	75,9%	66,2%	H06TEAAC#60AI10p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,3%	94,2%	77,9%	76,3%	66,6%	H06TEAAC#60AI10p800
900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,5%	94,4%	78,1%	76,6%	67,0%	H06TEAAC#60AI10p900
1100	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,1%	94,9%	81,2%	78,1%	69,6%	H06TEAAC#60AI10p1100
1250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,2%	95,0%	81,5%	78,6%	70,4%	H06TEAAC#60AI10p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,3%	95,2%	82,0%	79,3%	71,6%	H06TEAAC#60AI10p1500
1650	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,4%	95,3%	82,2%	79,8%	72,4%	H06TEAAC#60AI10p1650
2000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,6%	95,6%	82,1%	79,3%	71,1%	H06TEAAC#60AI10p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,7%	95,7%	82,5%	80,0%	72,3%	H06TEAAC#60AI10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,8%	95,8%	82,8%	80,7%	73,5%	H06TEAAC#60AI10p2500
2800	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	96,0%	96,0%	83,2%	81,5%	75,0%	H06TEAAC#60AI10p2800
12-pole											
450	6811	8311	AF / Sleeve	Grease / Oil self-cooled	92,7%	93,3%	92,7%	70,4%	65,1%	52,9%	H06TEAAC#60AI12p450
500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	92,8%	93,3%	92,6%	68,6%	62,7%	50,2%	H06TEAAC#60AI12p500
600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,1%	93,3%	92,2%	64,8%	57,8%	44,9%	H06TEAAC#60AI12p600
800	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,4%	94,2%	77,1%	72,7%	62,8%	H06TEAAC#60AI12p800
900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,4%	94,1%	76,3%	71,5%	61,1%	H06TEAAC#60AI12p900
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,5%	94,0%	75,6%	70,3%	59,4%	H06TEAAC#60AI12p1000
1100	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,5%	93,9%	74,8%	69,1%	57,7%	H06TEAAC#60AI12p1100
1500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,6%	77,5%	72,9%	62,5%	H06TEAAC#60AI12p1500
1750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,6%	94,4%	75,9%	70,6%	59,6%	H06TEAAC#60AI12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,3%	74,3%	68,4%	56,7%	H06TEAAC#60AI12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,6%	94,2%	72,7%	66,1%	53,8%	H06TEAAC#60AI12p2250
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,6%	94,2%	72,7%	66,1%	53,8%	H06TEAAC#60AI12p2250

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz TEAAC enclosure											
2-pole											
1750	6812	8312	Sleeve	Oil self-cooled	94,5%	94,5%	93,8%	93,2%	91,4%	89,3%	H13TEAAC#60AI02p1750
2000	n.a.	8411	Sleeve	Oil forced	92,9%	92,1%	89,9%	93,3%	91,7%	90,1%	H13TEAAC#60AI02p2000
2250	n.a.	8411	Sleeve	Oil forced	93,3%	92,5%	90,5%	93,0%	91,3%	89,4%	H13TEAAC#60AI02p2250
2500	n.a.	8411E	Sleeve	Oil forced	93,7%	93,0%	91,1%	92,7%	90,8%	88,6%	H13TEAAC#60AI02p2500
2900	n.a.	8411E	Sleeve	Oil forced	94,4%	93,7%	92,0%	92,2%	90,1%	87,4%	H13TEAAC#60AI02p2900
3500	n.a.	8512	Sleeve	Oil forced	93,5%	92,8%	90,7%	93,5%	94,0%	93,7%	H13TEAAC#60AI02p3500
4000	n.a.	8512	Sleeve	Oil forced	94,0%	93,3%	91,4%	93,0%	93,3%	92,5%	H13TEAAC#60AI02p4000
4500	n.a.	8512	Sleeve	Oil forced	94,4%	93,8%	92,1%	92,5%	92,6%	91,2%	H13TEAAC#60AI02p4500
5000	n.a.	8513	Sleeve	Oil forced	94,7%	94,2%	92,7%	93,8%	94,2%	93,7%	H13TEAAC#60AI02p5000
4-pole											
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,9%	93,0%	88,4%	84,9%	78,9%	H13TEAAC#60AI04p1500
1600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,3%	93,4%	87,1%	82,7%	75,2%	H13TEAAC#60AI04p1600
1900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	93,9%	92,7%	85,9%	81,0%	72,7%	H13TEAAC#60AI04p1900
2250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,5%	93,4%	86,6%	82,1%	74,4%	H13TEAAC#60AI04p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,9%	93,9%	87,2%	82,9%	75,6%	H13TEAAC#60AI04p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	93,3%	92,4%	90,2%	91,8%	91,4%	89,1%	H13TEAAC#60AI04p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil Forced	93,7%	93,0%	91,1%	91,1%	90,5%	87,8%	H13TEAAC#60AI04p3500
3900	n.a.	8512	AF / Sleeve	Grease / Oil Forced	94,1%	93,5%	91,8%	90,6%	89,8%	86,7%	H13TEAAC#60AI04p3900
4400	n.a.	8513	AF / Sleeve	Grease / Oil Forced	94,3%	93,9%	92,5%	92,1%	92,0%	90,2%	H13TEAAC#60AI04p4400
4000	n.a.	8513	AF / Sleeve	Grease / Oil Forced	94,1%	93,5%	91,9%	90,9%	90,2%	87,4%	H13TEAAC#60AI04p4000
6-pole											
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	92,8%	92,6%	91,3%	79,0%	73,6%	62,8%	H13TEAAC#60AI06p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,1%	93,0%	91,9%	79,6%	74,4%	63,8%	H13TEAAC#60AI06p1000
1200	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,8%	93,1%	80,7%	76,0%	65,8%	H13TEAAC#60AI06p1200
1500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,6%	94,3%	93,7%	83,1%	81,9%	74,5%	H13TEAAC#60AI06p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,0%	94,9%	94,5%	85,1%	84,6%	78,4%	H13TEAAC#60AI06p1750
1800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,1%	95,0%	94,7%	85,5%	85,1%	79,2%	H13TEAAC#60AI06p1800
2500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,2%	94,7%	86,4%	85,6%	81,2%	H13TEAAC#60AI06p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,5%	94,9%	86,2%	84,8%	79,4%	H13TEAAC#60AI06p3000
3400	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,7%	95,1%	86,1%	84,1%	78,0%	H13TEAAC#60AI06p3400
3700	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,8%	95,3%	87,2%	85,5%	80,1%	H13TEAAC#60AI06p3700
3500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,7%	95,2%	86,5%	84,6%	78,7%	H13TEAAC#60AI06p3500
8-pole											
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,3%	94,2%	84,9%	82,4%	75,5%	H13TEAAC#60AI08p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,5%	94,2%	84,2%	81,0%	73,1%	H13TEAAC#60AI08p1250
1400	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,2%	83,8%	80,2%	71,7%	H13TEAAC#60AI08p1400
2000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,8%	94,5%	83,0%	79,1%	70,1%	H13TEAAC#60AI08p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	94,6%	82,5%	78,5%	69,2%	H13TEAAC#60AI08p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,1%	94,7%	82,0%	77,8%	68,3%	H13TEAAC#60AI08p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,3%	94,9%	81,1%	76,5%	66,6%	H13TEAAC#60AI08p3000
3250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,5%	95,0%	80,6%	75,9%	65,7%	H13TEAAC#60AI08p3250
3500	n.a.	8513	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,4%	95,1%	83,3%	79,7%	71,0%	H13TEAAC#60AI08p3500

Power HP	NEMA Frame	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Hz TEAAC enclosure											
10-pole											
850	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,8%	94,0%	93,8%	82,2%	79,3%	71,0%	H13TEAAC#60AI10p850
900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	92,9%	94,1%	93,8%	81,9%	78,7%	70,1%	H13TEAAC#60AI10p900
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,1%	94,2%	93,8%	81,3%	77,6%	68,4%	H13TEAAC#60AI10p1000
1100	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,3%	94,3%	93,8%	80,6%	76,4%	66,6%	H13TEAAC#60AI10p1100
1500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	93,8%	95,0%	94,9%	82,8%	80,4%	72,8%	H13TEAAC#60AI10p1500
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,9%	95,0%	94,8%	81,5%	78,1%	69,2%	H13TEAAC#60AI10p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,0%	94,7%	80,8%	76,9%	67,4%	H13TEAAC#60AI10p2250
2300	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,0%	94,7%	80,6%	76,7%	67,0%	H13TEAAC#60AI10p2300
12-pole											
600	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,0%	93,3%	92,8%	76,2%	70,8%	59,8%	H13TEAAC#60AI12p600
700	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,5%	92,8%	74,6%	68,6%	57,0%	H13TEAAC#60AI12p700
800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,6%	92,8%	73,0%	66,4%	54,2%	H13TEAAC#60AI12p800
1250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	93,1%	93,6%	93,4%	77,6%	72,9%	62,4%	H13TEAAC#60AI12p1250
1500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,2%	93,7%	93,5%	77,4%	72,4%	61,7%	H13TEAAC#60AI12p1500
1750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,3%	93,8%	93,6%	77,1%	72,0%	61,1%	H13TEAAC#60AI12p1750
1900	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,9%	93,7%	77,0%	71,7%	60,7%	H13TEAAC#60AI12p1900

IEC horizontal aluminum cage

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 01 or IC 81W cooling method										
2-pole										
1407	450G	Sleeve	Oil self-cooled	96,3%	96,1%	96,0%	91,2%	89,6%	87,1%	H04WP11##50AI02p1887
1491	450G	Sleeve	Oil self-cooled	96,3%	96,2%	96,0%	91,4%	89,9%	87,6%	H04WP11##50AI02p2000
1678	450F	Sleeve	Oil self-cooled	96,4%	96,3%	96,2%	91,8%	90,6%	88,8%	H04WP11##50AI02p2250
1864	450F	Sleeve	Oil self-cooled	96,5%	96,4%	96,3%	92,3%	91,2%	89,9%	H04WP11##50AI02p2500
2100	450F	Sleeve	Oil self-cooled	96,6%	96,5%	96,5%	92,9%	92,1%	91,4%	H04WP11##50AI02p2816
2240	500G	Sleeve	Oil forced	96,5%	96,0%	95,4%	89,1%	86,9%	83,0%	H04WP11##50AI02p3004
2610	500G	Sleeve	Oil forced	96,6%	96,1%	95,5%	89,6%	87,4%	83,7%	H04WP11##50AI02p3500
2983	500F	Sleeve	Oil forced	96,7%	96,2%	95,7%	90,1%	87,9%	84,4%	H04WP11##50AI02p4000
3356	500F	Sleeve	Oil forced	96,9%	96,4%	95,8%	90,5%	88,5%	85,1%	H04WP11##50AI02p4500
3600	500F	Sleeve	Oil forced	96,9%	96,5%	95,9%	90,9%	88,8%	85,6%	H04WP11##50AI02p4828
3800	560G	Sleeve	Oil forced	96,7%	96,3%	95,6%	89,8%	89,6%	86,8%	H04WP11##50AI02p5096
4474	560F	Sleeve	Oil forced	96,9%	96,4%	95,8%	90,0%	89,8%	87,0%	H04WP11##50AI02p6000
5220	560F	Sleeve	Oil forced	97,0%	96,5%	96,0%	90,2%	89,9%	87,1%	H04WP11##50AI02p7000
5966	560F	Sleeve	Oil forced	97,1%	96,7%	96,2%	90,4%	90,1%	87,3%	H04WP11##50AI02p8000
6000	560F	Sleeve	Oil forced	97,1%	96,7%	96,2%	90,4%	90,1%	87,3%	H04WP11##50AI02p8046
6900	560E	Sleeve	Oil forced	97,2%	96,9%	96,4%	92,3%	92,5%	91,1%	H04WP11##50AI02p9253
6711	560E	Sleeve	Oil forced	97,2%	96,8%	96,3%	91,9%	92,0%	90,3%	H04WP11##50AI02p9000
4-pole										
1350	450G	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,2%	95,0%	85,6%	81,7%	74,5%	H04WP11##50AI04p1810
1491	450G	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,3%	95,1%	86,0%	82,2%	75,3%	H04WP11##50AI04p2000
1678	450F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,4%	95,2%	86,5%	83,0%	76,4%	H04WP11##50AI04p2250
1864	450F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,5%	95,3%	87,0%	83,7%	77,4%	H04WP11##50AI04p2500
1950	450F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,6%	95,4%	87,3%	84,0%	77,9%	H04WP11##50AI04p2615
2200	500G	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,7%	95,3%	85,5%	81,3%	73,7%	H04WP11##50AI04p2950
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,8%	95,3%	85,5%	81,4%	73,9%	H04WP11##50AI04p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,9%	95,4%	86,2%	82,4%	75,4%	H04WP11##50AI04p3500
2983	500F	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,6%	86,9%	83,5%	76,9%	H04WP11##50AI04p4000
3000	500F	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,6%	86,9%	83,5%	77,0%	H04WP11##50AI04p4023
3400	560G	AF / Sleeve	Grease / Oil Forced	96,8%	96,6%	96,4%	86,8%	86,0%	81,5%	H04WP11##50AI04p4559
3729	560G	AF / Sleeve	Grease / Oil Forced	96,8%	96,7%	96,5%	87,0%	86,3%	82,1%	H04WP11##50AI04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,9%	96,7%	96,5%	87,3%	86,7%	82,7%	H04WP11##50AI04p5500
4474	560F	AF / Sleeve	Grease / Oil Forced	96,9%	96,8%	96,6%	87,6%	87,1%	83,4%	H04WP11##50AI04p6000
5220	560F	AF / Sleeve	Grease / Oil Forced	97,0%	96,9%	96,8%	88,1%	87,9%	84,7%	H04WP11##50AI04p7000
5300	560F	AF / Sleeve	Grease / Oil Forced	97,0%	96,9%	96,8%	88,2%	88,0%	84,8%	H04WP11##50AI04p7107
6000	560E	AF / Sleeve	Grease / Oil Forced	97,2%	97,0%	96,8%	88,1%	87,4%	83,3%	H04WP11##50AI04p8046
5966	560E	AF / Sleeve	Grease / Oil Forced	97,1%	97,0%	96,8%	88,1%	87,4%	83,4%	H04WP11##50AI04p8000
6-pole										
1000	450G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,5%	94,2%	80,3%	76,8%	67,8%	H04WP11##50AI06p1341
1119	450F	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,5%	80,4%	76,8%	67,7%	H04WP11##50AI06p1500
1305	450F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,1%	94,8%	80,5%	76,7%	67,5%	H04WP11##50AI06p1750
1342	450F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,1%	94,9%	80,5%	76,7%	67,5%	H04WP11##50AI06p1800
1400	450F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,2%	95,0%	80,5%	76,7%	67,4%	H04WP11##50AI06p1877
1700	500G	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,5%	95,3%	83,9%	83,2%	76,6%	H04WP11##50AI06p2280



Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 01 or IC 81W cooling method										
1864	500G	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,6%	95,4%	83,9%	83,2%	76,6%	H04WP11##50AI06p2500
2237	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,8%	95,6%	83,9%	83,3%	76,7%	H04WP11##50AI06p3000
2312	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,8%	95,6%	83,9%	83,3%	76,7%	H04WP11##50AI06p3100
2350	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,9%	95,6%	83,9%	83,3%	76,7%	H04WP11##50AI06p3151
2700	560G	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,8%	83,3%	81,2%	74,4%	H04WP11##50AI06p3621
2983	560G	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,8%	83,5%	81,4%	74,6%	H04WP11##50AI06p4000
3356	560F	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,1%	95,9%	83,8%	81,7%	74,9%	H04WP11##50AI06p4500
3729	560F	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,2%	95,9%	84,1%	82,0%	75,3%	H04WP11##50AI06p5000
3900	560F	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,2%	95,9%	84,2%	82,1%	75,4%	H04WP11##50AI06p5230
4400	560E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,4%	96,1%	85,3%	83,8%	78,0%	H04WP11##50AI06p5900
4101	560E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,0%	84,6%	82,8%	76,4%	H04WP11##50AI06p5500
8-pole										
670	450G	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,2%	94,0%	77,2%	73,2%	62,9%	H04WP11##50AI08p898
746	450G	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,3%	94,1%	77,2%	73,3%	63,0%	H04WP11##50AI08p1000
932	450F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,5%	94,3%	77,4%	73,5%	63,3%	H04WP11##50AI08p1250
969	450F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,3%	77,4%	73,6%	63,4%	H04WP11##50AI08p1300
1000	450F	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,6%	94,4%	77,5%	73,6%	63,4%	H04WP11##50AI08p1341
1200	500G	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,3%	95,3%	82,2%	79,0%	70,6%	H04WP11##50AI08p1609
1305	500G	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,3%	95,3%	82,1%	78,7%	70,1%	H04WP11##50AI08p1750
1491	500F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,4%	95,3%	81,8%	78,2%	69,2%	H04WP11##50AI08p2000
1603	500F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,4%	95,3%	81,7%	77,8%	68,6%	H04WP11##50AI08p2150
1650	500F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,4%	95,3%	81,6%	77,7%	68,4%	H04WP11##50AI08p2213
1900	560G	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,8%	95,6%	83,8%	81,2%	73,6%	H04WP11##50AI08p2548
2237	560F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,7%	95,7%	84,0%	81,6%	74,3%	H04WP11##50AI08p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,7%	95,7%	84,2%	82,0%	75,1%	H04WP11##50AI08p3500
2983	560F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,7%	95,8%	84,4%	82,5%	75,9%	H04WP11##50AI08p4000
3100	560F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,7%	95,8%	84,5%	82,6%	76,1%	H04WP11##50AI08p4157
3500	560E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,9%	95,8%	83,5%	80,7%	72,9%	H04WP11##50AI08p4694
3356	560E	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,8%	95,8%	83,9%	81,4%	74,1%	H04WP11##50AI08p4500
10-pole										
500	450G	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,4%	93,2%	77,7%	76,6%	67,3%	H04WP11##50AI10p671
522	450G	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,5%	93,2%	77,7%	76,6%	67,3%	H04WP11##50AI10p700
597	450F	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,6%	93,4%	78,0%	76,7%	67,3%	H04WP11##50AI10p800
671	450F	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,8%	93,5%	78,2%	76,9%	67,3%	H04WP11##50AI10p900
690	450F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,8%	93,5%	78,3%	76,9%	67,3%	H04WP11##50AI10p925
700	450F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,8%	93,6%	78,3%	76,9%	67,3%	H04WP11##50AI10p939
900	500G	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,8%	94,7%	79,7%	76,5%	67,6%	H04WP11##50AI10p1207
932	500G	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,8%	94,7%	79,5%	76,2%	67,1%	H04WP11##50AI10p1250
1119	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	94,6%	78,4%	74,3%	64,3%	H04WP11##50AI10p1500
1193	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,6%	78,0%	73,6%	63,2%	H04WP11##50AI10p1600
1200	500F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,6%	77,9%	73,5%	63,1%	H04WP11##50AI10p1609
1500	560G	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,2%	82,3%	79,9%	72,1%	H04WP11##50AI10p2012
1678	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,2%	82,1%	79,6%	71,7%	H04WP11##50AI10p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,4%	95,2%	81,8%	79,3%	71,3%	H04WP11##50AI10p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,4%	95,3%	81,3%	78,8%	70,5%	H04WP11##50AI10p3000
2400	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,4%	95,3%	81,1%	78,5%	70,2%	H04WP11##50AI10p3218

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Hz IC 01 or IC 81W cooling method										
12-pole										
355	450G	AF / Sleeve	Grease / Oil self-cooled	93,0%	92,8%	92,2%	71,1%	66,8%	55,4%	H04WP11##50AI12p476
373	450G	AF / Sleeve	Grease / Oil self-cooled	93,1%	92,8%	92,2%	70,8%	66,2%	54,6%	H04WP11##50AI12p500
447	450F	AF / Sleeve	Grease / Oil self-cooled	93,3%	92,8%	91,8%	69,3%	63,7%	51,3%	H04WP11##50AI12p600
450	450F	AF / Sleeve	Grease / Oil self-cooled	93,3%	92,8%	91,8%	69,2%	63,6%	51,2%	H04WP11##50AI12p603
630	500G	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,1%	94,1%	77,1%	73,2%	63,5%	H04WP11##50AI12p845
671	500G	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,2%	94,2%	76,9%	73,0%	63,2%	H04WP11##50AI12p900
746	500F	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,3%	94,3%	76,6%	72,5%	62,7%	H04WP11##50AI12p1000
820	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,5%	94,4%	76,3%	72,1%	62,2%	H04WP11##50AI12p1100
900	500F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,6%	94,5%	75,9%	71,6%	61,6%	H04WP11##50AI12p1207
1100	560G	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,3%	94,1%	76,6%	72,2%	61,9%	H04WP11##50AI12p1475
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,3%	94,1%	76,6%	72,1%	61,8%	H04WP11##50AI12p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,4%	94,1%	76,1%	71,6%	61,1%	H04WP11##50AI12p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,4%	94,1%	75,7%	71,0%	60,4%	H04WP11##50AI12p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,4%	94,1%	75,3%	70,5%	59,8%	H04WP11##50AI12p2250
1715	560F	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,4%	94,1%	75,2%	70,4%	59,6%	H04WP11##50AI12p2300
1800	560F	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,4%	94,1%	75,0%	70,1%	59,3%	H04WP11##50AI12p2414



Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 01 or IC 81W cooling method										
2-pole										
1400	450G	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,3%	95,2%	85,2%	81,8%	75,3%	H06WPII##50AI04p1877
1491	450G	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,4%	95,3%	85,6%	82,3%	76,1%	H06WPII##50AI04p2000
1678	450F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,5%	95,4%	86,6%	83,5%	77,6%	H06WPII##50AI04p2250
1864	450F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,7%	95,5%	87,5%	84,6%	79,1%	H06WPII##50AI04p2500
1900	450F	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,7%	95,5%	87,7%	84,8%	79,4%	H06WPII##50AI04p2548
2150	500G	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,6%	85,8%	81,6%	74,0%	H06WPII##50AI04p2883
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,6%	85,8%	81,7%	74,2%	H06WPII##50AI04p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,1%	95,7%	86,2%	82,2%	74,9%	H06WPII##50AI04p3500
2983	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,2%	95,8%	86,5%	82,7%	75,7%	H06WPII##50AI04p4000
3000	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,2%	95,8%	86,5%	82,7%	75,7%	H06WPII##50AI04p4023
3400	560G	AF / Sleeve	Grease / Oil Forced	96,7%	96,6%	96,4%	88,4%	88,4%	85,4%	H06WPII##50AI04p4559
3729	560G	AF / Sleeve	Grease / Oil Forced	96,7%	96,6%	96,5%	88,4%	88,3%	85,2%	H06WPII##50AI04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,8%	96,7%	96,5%	88,4%	88,2%	85,0%	H06WPII##50AI04p5500
4474	560F	AF / Sleeve	Grease / Oil Forced	96,9%	96,7%	96,5%	88,5%	88,1%	84,8%	H06WPII##50AI04p6000
5000	560F	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,6%	88,5%	88,0%	84,5%	H06WPII##50AI04p6705
5600	560E	AF / Sleeve	Grease / Oil Forced	97,1%	96,9%	96,6%	88,4%	87,3%	82,8%	H06WPII##50AI04p7510
5220	560E	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,6%	88,5%	87,7%	83,9%	H06WPII##50AI04p7000
4-pole										
1400	450G	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,3%	95,2%	85,2%	81,8%	75,3%	H06WPII##50AI04p1877
1491	450G	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,4%	95,3%	85,6%	82,3%	76,1%	H06WPII##50AI04p2000
1678	450F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,5%	95,4%	86,6%	83,5%	77,6%	H06WPII##50AI04p2250
1864	450F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,7%	95,5%	87,5%	84,6%	79,1%	H06WPII##50AI04p2500
1900	450F	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,7%	95,5%	87,7%	84,8%	79,4%	H06WPII##50AI04p2548
2150	500G	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,6%	85,8%	81,6%	74,0%	H06WPII##50AI04p2883
2237	500F	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,6%	85,8%	81,7%	74,2%	H06WPII##50AI04p3000
2610	500F	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,1%	95,7%	86,2%	82,2%	74,9%	H06WPII##50AI04p3500
2983	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,2%	95,8%	86,5%	82,7%	75,7%	H06WPII##50AI04p4000
3000	500F	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,2%	95,8%	86,5%	82,7%	75,7%	H06WPII##50AI04p4023
3400	560G	AF / Sleeve	Grease / Oil Forced	96,7%	96,6%	96,4%	88,4%	88,4%	85,4%	H06WPII##50AI04p4559
3729	560G	AF / Sleeve	Grease / Oil Forced	96,7%	96,6%	96,5%	88,4%	88,3%	85,2%	H06WPII##50AI04p5000
4101	560F	AF / Sleeve	Grease / Oil Forced	96,8%	96,7%	96,5%	88,4%	88,2%	85,0%	H06WPII##50AI04p5500
4474	560F	AF / Sleeve	Grease / Oil Forced	96,9%	96,7%	96,5%	88,5%	88,1%	84,8%	H06WPII##50AI04p6000
5000	560F	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,6%	88,5%	88,0%	84,5%	H06WPII##50AI04p6705
5600	560E	AF / Sleeve	Grease / Oil Forced	97,1%	96,9%	96,6%	88,4%	87,3%	82,8%	H06WPII##50AI04p7510
5220	560E	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,6%	88,5%	87,7%	83,9%	H06WPII##50AI04p7000
6-pole										
950	450G	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,2%	93,9%	78,9%	74,8%	65,0%	H06WPII##50AI06p1274
1119	450F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,5%	94,1%	79,2%	74,9%	65,0%	H06WPII##50AI06p1500
1305	450F	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,8%	94,4%	79,4%	75,1%	64,9%	H06WPII##50AI06p1750
1342	450F	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,9%	94,5%	79,5%	75,1%	64,9%	H06WPII##50AI06p1800
1350	450F	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,9%	94,5%	79,5%	75,1%	64,9%	H06WPII##50AI06p1810
1600	500G	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,4%	95,3%	84,3%	84,0%	78,0%	H06WPII##50AI06p2146
1678	500G	AF / Sleeve	Grease / Oil self-cooled	94,1%	95,5%	95,3%	84,3%	84,1%	78,1%	H06WPII##50AI06p2250
1864	500F	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,6%	95,4%	84,4%	84,2%	78,4%	H06WPII##50AI06p2500
2051	500F	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,6%	95,5%	84,5%	84,4%	78,6%	H06WPII##50AI06p2750
2200	500F	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,7%	95,5%	84,6%	84,5%	78,8%	H06WPII##50AI06p2950
2600	560G	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,7%	83,5%	81,5%	74,7%	H06WPII##50AI06p3487
2610	560G	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,7%	83,5%	81,5%	74,7%	H06WPII##50AI06p3500

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 01 or IC 81W cooling method										
8-pole										
2983	560F	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,8%	83,7%	81,8%	75,2%	H06WPII##50AI06p4000
3729	560F	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,1%	84,1%	82,3%	76,1%	H06WPII##50AI06p5000
3800	560F	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,1%	84,1%	82,4%	76,2%	H06WPII##50AI06p5096
4200	560E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,5%	96,3%	85,1%	83,9%	78,4%	H06WPII##50AI06p5632
4101	560E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,4%	96,2%	84,9%	83,5%	77,9%	H06WPII##50AI06p5500
8-pole										
630	450G	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,2%	94,5%	80,0%	77,4%	68,7%	H06WPII##50AI08p845
671	450G	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,3%	94,5%	79,9%	77,2%	68,4%	H06WPII##50AI08p900
746	450F	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,4%	94,5%	79,6%	76,8%	67,8%	H06WPII##50AI08p1000
932	450F	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,5%	94,6%	79,0%	75,8%	66,4%	H06WPII##50AI08p1250
950	450F	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,7%	78,9%	75,7%	66,3%	H06WPII##50AI08p1274
1120	500G	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	95,0%	81,7%	78,0%	68,8%	H06WPII##50AI08p1502
1305	500F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,1%	95,0%	81,2%	77,0%	67,3%	H06WPII##50AI08p1750
1491	500F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,2%	95,0%	80,7%	76,0%	65,9%	H06WPII##50AI08p2000
1500	500F	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,2%	95,0%	80,7%	76,0%	65,8%	H06WPII##50AI08p2012
1800	560G	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,5%	95,5%	84,3%	82,0%	75,1%	H06WPII##50AI08p2414
2237	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,5%	95,6%	84,9%	83,1%	76,9%	H06WPII##50AI08p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,5%	95,6%	85,4%	84,0%	78,5%	H06WPII##50AI08p3500
2796	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,5%	95,7%	85,7%	84,4%	79,3%	H06WPII##50AI08p3750
2900	560F	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,5%	95,7%	85,8%	84,7%	79,7%	H06WPII##50AI08p3889
3300	560E	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,7%	95,8%	85,6%	84,1%	78,3%	H06WPII##50AI08p4425
2983	560E	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,7%	85,8%	84,6%	79,4%	H06WPII##50AI08p4000
10-pole										
450	450G	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,2%	92,9%	76,6%	74,5%	64,1%	H06WPII##50AI10p603
522	450F	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,5%	93,2%	75,5%	73,0%	62,2%	H06WPII##50AI10p700
597	450F	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,8%	93,6%	74,4%	71,5%	60,2%	H06WPII##50AI10p800
634	450F	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,0%	93,7%	73,8%	70,7%	59,2%	H06WPII##50AI10p850
650	450F	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,0%	93,8%	73,6%	70,4%	58,8%	H06WPII##50AI10p872
800	500G	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,7%	94,8%	80,9%	78,0%	69,6%	H06WPII##50AI10p1073
932	500F	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,8%	94,8%	80,7%	77,6%	69,0%	H06WPII##50AI10p1250
1119	500F	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,9%	94,9%	80,4%	77,1%	68,1%	H06WPII##50AI10p1500
1150	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,0%	94,9%	80,3%	77,0%	68,0%	H06WPII##50AI10p1542
1400	560G	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	95,0%	81,4%	78,4%	69,8%	H06WPII##50AI10p1877
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	95,0%	81,4%	78,3%	69,7%	H06WPII##50AI10p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,0%	81,2%	78,2%	69,6%	H06WPII##50AI10p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,0%	81,1%	78,1%	69,4%	H06WPII##50AI10p2500
2051	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,1%	80,9%	77,9%	69,2%	H06WPII##50AI10p2750
2200	560F	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,1%	80,8%	77,8%	69,1%	H06WPII##50AI10p2950
12-pole										
315	450G	AF / Sleeve	Grease / Oil self-cooled	92,7%	92,1%	91,0%	66,5%	60,0%	47,2%	H06WPII##50AI12p422
336	450F	AF / Sleeve	Grease / Oil self-cooled	92,8%	92,2%	91,0%	66,6%	60,1%	47,3%	H06WPII##50AI12p450
373	450F	AF / Sleeve	Grease / Oil self-cooled	92,9%	92,3%	91,2%	66,7%	60,3%	47,5%	H06WPII##50AI12p500
447	450F	AF / Sleeve	Grease / Oil self-cooled	93,0%	92,5%	91,4%	66,9%	60,6%	47,8%	H06WPII##50AI12p600
450	450F	AF / Sleeve	Grease / Oil self-cooled	93,0%	92,5%	91,4%	66,9%	60,6%	47,8%	H06WPII##50AI12p603
560	500G	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,1%	93,8%	74,4%	69,1%	58,0%	H06WPII##50AI12p751
597	500G	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,1%	93,8%	74,2%	68,8%	57,6%	H06WPII##50AI12p800
671	500F	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,1%	93,7%	73,7%	68,1%	56,8%	H06WPII##50AI12p900
746	500F	AF / Sleeve	Grease / Oil self-cooled							

Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 01 or IC 81W cooling method										
1100	560G	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,7%	93,3%	74,9%	69,2%	57,7%	H06WPII##50AI12p1475
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,8%	93,3%	74,9%	69,2%	57,7%	H06WPII##50AI12p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,8%	93,4%	74,7%	69,0%	57,5%	H06WPII##50AI12p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,9%	93,5%	74,5%	68,8%	57,3%	H06WPII##50AI12p2000
1603	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,0%	93,6%	74,4%	68,7%	57,2%	H06WPII##50AI12p2150
1650	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,0%	93,6%	74,3%	68,7%	57,2%	H06WPII##50AI12p2213

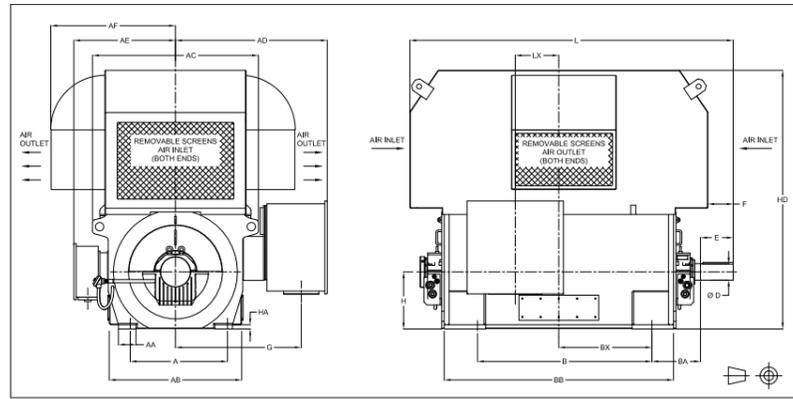
Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 Hz IC 01 or IC 81W cooling method										
2-pole										
1500	450F	Sleeve	Oil self-cooled	95,7%	95,5%	95,3%	92,9%	91,3%	89,4%	H11WPII##50AI02p2011
1600	500G	Sleeve	Oil forced	96,1%	95,5%	94,7%	91,9%	89,8%	86,7%	H11WPII##50AI02p2146
1678	500G	Sleeve	Oil forced	96,2%	95,5%	94,7%	91,8%	89,7%	86,6%	H11WPII##50AI02p2250
1864	500G	Sleeve	Oil forced	96,2%	95,5%	94,8%	91,8%	89,6%	86,3%	H11WPII##50AI02p2500
2237	500F	Sleeve	Oil forced	96,3%	95,8%	94,9%	91,7%	89,3%	85,7%	H11WPII##50AI02p3000
2500	500F	Sleeve	Oil forced	96,3%	95,7%	95,0%	91,6%	89,1%	85,3%	H11WPII##50AI02p3353
2700	560G	Sleeve	Oil forced	96,2%	95,6%	94,9%	89,5%	89,1%	85,9%	H11WPII##50AI02p3621
2983	560G	Sleeve	Oil forced	96,3%	95,7%	95,0%	89,6%	89,2%	86,1%	H11WPII##50AI02p4000
3356	560F	Sleeve	Oil forced	96,4%	95,9%	95,2%	89,8%	89,4%	86,4%	H11WPII##50AI02p4500
3729	560F	Sleeve	Oil forced	96,5%	96,0%	95,4%	90,0%	89,6%	86,6%	H11WPII##50AI02p5000
4101	560F	Sleeve	Oil forced	96,7%	96,2%	95,5%	90,2%	89,8%	86,9%	H11WPII##50AI02p5500
4400	560F	Sleeve	Oil forced	96,8%	96,3%	95,7%	90,4%	90,0%	87,1%	H11WPII##50AI02p5900
4474	560F	Sleeve	Oil forced	96,8%	96,3%	95,7%	90,4%	90,0%	87,2%	H11WPII##50AI02p6000
4900	560E	Sleeve	Oil forced	96,7%	96,3%	95,7%	92,4%	93,2%	92,6%	H11WPII##50AI02p6571
4474	560E	Sleeve	Oil forced	96,8%	96,3%	95,7%	90,7%	90,5%	87,9%	H11WPII##50AI02p6000
4-pole										
900	450G	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	93,9%	87,8%	84,0%	77,4%	H11WPII##50AI04p1207
932	450G	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,4%	93,9%	87,8%	84,1%	77,5%	H11WPII##50AI04p1250
1119	450F	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,6%	94,3%	88,1%	84,5%	78,2%	H11WPII##50AI04p1500
1450	450F	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,1%	94,9%	88,5%	85,3%	79,5%	H11WPII##50AI04p1944
1491	450F	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,2%	95,0%	88,6%	85,4%	79,7%	H11WPII##50AI04p2000
1800	500F	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,1%	94,4%	87,3%	83,5%	76,7%	H11WPII##50AI04p2414
1864	500F	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,1%	94,5%	87,5%	83,8%	77,1%	H11WPII##50AI04p2500
2200	500F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,3%	94,9%	88,6%	85,1%	79,1%	H11WPII##50AI04p2950
2237	500F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,4%	94,9%	88,7%	85,2%	79,3%	H11WPII##50AI04p3000
2500	560G	AF / Sleeve	Grease / Oil Forced	96,3%	95,9%	95,5%	87,2%	85,3%	79,5%	H11WPII##50AI04p3353
2983	560G	AF / Sleeve	Grease / Oil Forced	96,4%	96,1%	95,7%	87,6%	86,0%	80,6%	H11WPII##50AI04p4000
3356	560F	AF / Sleeve	Grease / Oil Forced	96,5%	96,2%	95,9%	88,0%	86,5%	81,5%	H11WPII##50AI04p4500
3729	560F	AF / Sleeve	Grease / Oil Forced	96,6%	96,4%	96,0%	88,3%	87,0%	82,4%	H11WPII##50AI04p5000
4050	560F	AF / Sleeve	Grease / Oil Forced	96,7%	96,5%	96,2%	88,6%	87,5%	83,1%	H11WPII##50AI04p5431
4101	560F	AF / Sleeve	Grease / Oil Forced	96,7%	96,5%	96,2%	88,6%	87,6%	83,2%	H11WPII##50AI04p5500
4400	560E	AF / Sleeve	Grease / Oil Forced	96,6%	96,5%	96,3%	90,9%	91,2%	89,5%	H11WPII##50AI04p5900
4101	560E	AF / Sleeve	Grease / Oil Forced	96,7%	96,5%	96,2%	88,9%	88,0%	84,0%	H11WPII##50AI04p5500
6-pole										
630	450G	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,5%	92,7%	79,8%	74,9%	64,4%	H11WPII##50AI06p845
671	450F	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,6%	92,8%	79,8%	75,0%	64,5%	H11WPII##50AI06p900
746	450F	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,7%	93,0%	79,9%	75,2%	64,8%	H11WPII##50AI06p1000
932	450F	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,0%	93,6%	80,0%	75,6%	65,5%	H11WPII##50AI06p1250
1000	450F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,2%	93,8%	80,1%	75,7%	65,7%	H11WPII##50AI06p1341
1200	500G	AF / Sleeve	Grease / Oil self-cooled	93,3%	94,6%	94,4%	83,7%	83,0%	76,2%	H11WPII##50AI06p1609
1305	500G	AF / Sleeve	Grease / Oil self-cooled	93,4%	94,7%	94,5%	83,7%	82,8%	75,8%	H11WPII##50AI06p1750
1491	500F	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,9%	94,6%	83,8%	82,5%	75,0%	H11WPII##50AI06p2000
1550	500F	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,9%	94,6%	83,8%	82,4%	74,7%	H11WPII##50AI06p2079
1678	500F	AF / Sleeve	Grease / Oil self-cooled	93,8%	95,0%	94,6%	83,9%	82,2%	74,2%	H11WPII##50AI06p2250
2000	560G	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,4%	95,2%	84,3%	82,2%	75,4%	H11WPII##50AI06p2682
2237	560G	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,5%	95,3%	84,7%	82,8%	76,4%	H11WPII##50AI06p3000
2610	560F	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,7%	95,5%	85,4%	83,8%	78,0%	H11WPII##50AI06p3500



Power kW	IEC Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 Hz IC 01 or IC 81W cooling method										
2983	560F	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,9%	95,7%	86,1%	84,8%	79,5%	H11WPII##50AI06p4000
3100	560F	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,8%	86,3%	85,1%	80,0%	H11WPII##50AI06p4157
3500	560E	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	96,0%	86,8%	85,8%	81,1%	H11WPII##50AI06p4694
3356	560E	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,9%	86,6%	85,5%	80,7%	H11WPII##50AI06p4500
8-pole										
710	500G	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,0%	94,2%	85,2%	82,7%	75,5%	H11WPII##50AI08p952
746	500G	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,0%	94,2%	85,1%	82,6%	75,3%	H11WPII##50AI08p1000
932	500G	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,3%	94,4%	84,7%	81,8%	74,2%	H11WPII##50AI08p1250
1119	500F	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,6%	94,7%	84,2%	81,1%	73,1%	H11WPII##50AI08p1500
1250	500F	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,8%	94,8%	83,9%	80,6%	72,3%	H11WPII##50AI08p1676
1400	560G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,9%	94,8%	85,6%	83,5%	77,0%	H11WPII##50AI08p1877
1491	560G	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,9%	94,9%	85,3%	83,1%	76,5%	H11WPII##50AI08p2000
1678	560G	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,0%	94,9%	84,8%	82,4%	75,4%	H11WPII##50AI08p2250
1864	560F	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	95,0%	84,3%	81,7%	74,3%	H11WPII##50AI08p2500
2237	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,2%	95,1%	83,3%	80,2%	72,1%	H11WPII##50AI08p3000
2300	560F	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,2%	95,1%	83,1%	80,0%	71,7%	H11WPII##50AI08p3084
2700	560E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,3%	95,3%	84,7%	82,2%	74,8%	H11WPII##50AI08p3621
2610	560E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,3%	95,2%	84,3%	81,7%	74,1%	H11WPII##50AI08p3500
10-pole										
560	500G	AF / Sleeve	Grease / Oil self-cooled	93,4%	94,0%	94,0%	81,8%	78,6%	70,0%	H11WPII##50AI10p751
597	500G	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,1%	93,9%	81,2%	77,6%	68,6%	H11WPII##50AI10p800
671	500F	AF / Sleeve	Grease / Oil self-cooled	93,6%	94,1%	93,8%	79,8%	75,6%	65,7%	H11WPII##50AI10p900
746	500F	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,1%	93,6%	78,5%	73,6%	62,8%	H11WPII##50AI10p1000
800	500F	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,1%	93,5%	77,5%	72,1%	60,7%	H11WPII##50AI10p1073
1000	560G	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,5%	93,9%	80,0%	75,8%	65,8%	H11WPII##50AI10p1341
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,5%	94,0%	80,4%	76,4%	66,7%	H11WPII##50AI10p1500
1305	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,2%	80,9%	77,4%	68,2%	H11WPII##50AI10p1750
1491	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,7%	94,4%	81,4%	78,3%	69,7%	H11WPII##50AI10p2000
1678	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,8%	94,6%	82,0%	79,3%	71,2%	H11WPII##50AI10p2250
1715	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,8%	94,6%	82,1%	79,5%	71,5%	H11WPII##50AI10p2300
1800	560F	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,9%	94,7%	82,3%	79,9%	72,2%	H11WPII##50AI10p2414
12-pole										
400	500G	AF / Sleeve	Grease / Oil self-cooled	93,4%	93,3%	93,0%	76,0%	70,8%	59,8%	H11WPII##50AI12p536
447	500G	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,4%	93,1%	75,9%	70,6%	59,5%	H11WPII##50AI12p600
522	500F	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,6%	93,2%	75,6%	70,3%	59,1%	H11WPII##50AI12p700
630	500F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,8%	93,4%	75,3%	69,8%	58,5%	H11WPII##50AI12p845
800	560G	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,5%	93,1%	77,4%	72,8%	62,5%	H11WPII##50AI12p1073
932	560F	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,6%	93,3%	77,7%	73,2%	63,0%	H11WPII##50AI12p1250
1119	560F	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,8%	93,5%	78,1%	73,8%	63,6%	H11WPII##50AI12p1500
1193	560F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,9%	93,7%	78,3%	74,0%	63,9%	H11WPII##50AI12p1600
1200	560F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,9%	93,7%	78,3%	74,0%	63,9%	H11WPII##50AI12p1609
1150	560F	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,9%	93,6%	77,8%	73,1%	62,6%	H11TEAAC#50AI12p1542



Weather protected type II (WP-II)



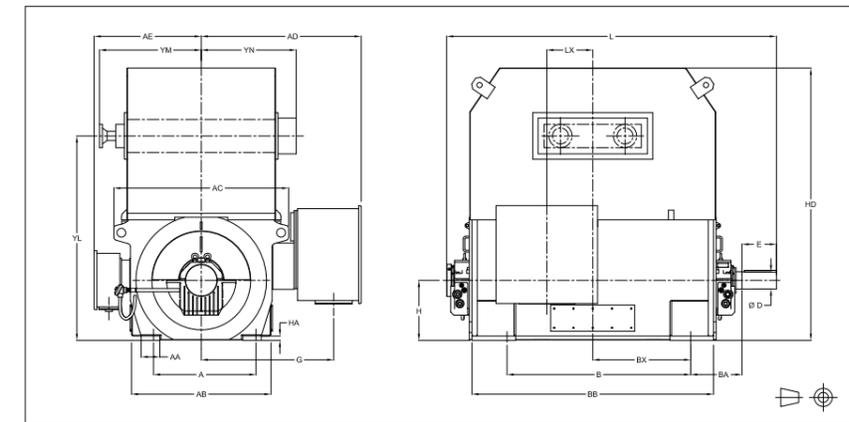
Keyway			
D	Depth	Width	Length
3,375	0,44	0,88	4,50
4,375	0,50	1,00	6,50
4,875	0,63	1,25	7,50
5,375	0,63	1,25	8,50
6,375	0,75	1,50	10,50
7,375	0,75	1,50	12,00

Frame	Poles	Bearing	Weight (lbs)	H	A	B	BX	BA	D	F	G	AA	AB	AC	AD	AE	AF	BB	HA	HD	L	LX	E			
8311S	2	Sleeve	11350	17	27	50	27,05	11,5	3,375	4,55	37,50	5,25	34,00	49,50	44,88	30,31	37,06	61,00	1,25	77	88	9	6,75			
8312S						58	30,75														68,38	95		13		
8311SU	2	Sleeve	11350	17	27	50	27,05	11,5	4,375	6,55	37,50	5,25	34,00	49,50	44,88	30,31	37,06	61,00	1,25	77	90	9	8,75			
8312SU						58	30,75														68,38	97		13		
8311S	4 - 12	AF or Sleeve	11100	17	27	50	27,05	11,5	4,375	6,55	37,50	5,25	34,00	49,50	44,88	30,31	37,06	61,00	1,25	77	90	9	8,75			
8312S						58	30,75														68,38	97		13		
8311SU						50	27,05														61,00	91		9		
8312SU						58	30,75														68,38	98		13		
8411SU	2	Sleeve	16450	20	34	56	28,00	14	5,375	9,32	40,56	8,00	44,00	57,50	48,00	33,37	40,43	66,38	1,84	86	96	10	10,75			
8411E_SU	63	31,50	74,38			104	14																			
8411S	4 - 12	AF or Sleeve	16480	20	34	56	28,00	14	6,375	11,32	40,56	8,00	44,00	57,50	48,00	33,37	40,43	66,38	1,84	86	96	10	12,75			
8411E_S						63	31,50														74,38	104		14		
8411SU						56	28,00														66,38	98		10		
8411E_SU						63	31,50														74,38	106		14		
8511S	2	Sleeve	24250	24	43	63	31,50	16	4,875	9,38	43,50	7,50	52,00	63,60	50,88	36,30	53,19	77,00	3,95	115	106	13	9,75			
8512S	71	35,50	82,00			116	17,5																			
8511S	4	AF or Sleeve	24280	24	43	63	31,50	16,5	5,375	10,88	43,50	7,50	52,00	63,60	50,88	36,30	53,19	77,00	3,95	115	108	13	10,75			
8512S						71	35,50														82,00	118		17,5		
8511SU						63	31,50														77,00	110		13		
8512SU						71	35,50														82,00	120		17,5		
8511SU	6 - 12	AF or Sleeve	24280	24	43	63	31,50	16	6,375	12,38	43,50	7,50	52,00	63,60	50,88	36,30	53,19	77,00	3,95	115	110	13	12,75			
8512SU						71	35,50														82,00	120		17,5		
8511SU+						63	31,50														77,00	110		13		
8512SU+						71	35,50														82,00	122		17,5		
8513S	2	Sleeve	27600	24	43	78,5	38,72	16,5	4,875	6,38	43,50	7,50	52,00	63,60	50,88	36,30	53,19	90,54	3,95	115	125		9,75			
8513S	5,375	7,88																			127			10,75		
8513SU	4	AF or Sleeve																			6,375	9,38		128	18	12,75
8513SU	6-8	Sleeve																			6,375	9,38		128		12,75
8513SU+	6-8	Sleeve	7,375	11,38	130		14,75																			

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

Totally enclosed water-to-air cooled (TEWAC)



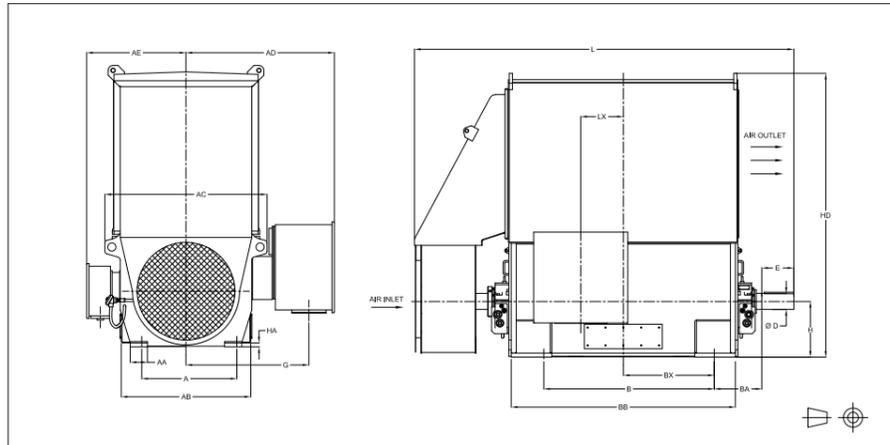
Keyway			
D	Depth	Width	Length
3,375	0,44	0,88	4,50
4,375	0,50	1,00	6,50
4,875	0,63	1,25	7,50
5,375	0,63	1,25	8,50
6,375	0,75	1,50	10,50
7,375	0,75	1,50	12,00

Frame	Poles	Bearing	Weight (lbs)	H	A	B	BX	BA	D	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E	YL	YM	YN							
8311S	2	Sleeve	11470	17	27	50	27,05	11,5	3,375	37,50	5,25	34,00	49,50	44,88	30,31	61,00	1,25	69	88	9	6,75	50,0	29,0	30,0							
8312S						58	30,75																		68,38	95	13				
8311SU	2	Sleeve	11470	17	27	50	27,05	11,5	4,375	6,55	37,50	5,25	34,00	49,50	44,88	30,31	61,00	1,25	69	90	9	8,75	50,0	29,0	30,0						
8312SU						58	30,75																			68,38	97	13			
8311S	4 - 12	AF or Sleeve	11200	17	27	50	27,05	11,5	4,375	6,55	37,50	5,25	34,00	49,50	44,88	30,31	61,00	1,25	69	90	9	8,75	50,0	29,0	30,0						
8312S						58	30,75																			68,38	97	13			
8311SU						50	27,05																			61,00	91	9			
8312SU						58	30,75																			68,38	98	13			
8411SU	2	Sleeve	16650	20	34	56	28,00	14	5,375	9,32	40,56	8,00	44,00	57,50	48,00	33,37	40,43	66,38	1,84	76	96	10	10,75	55,6	31,7	31,5					
8411E_SU	63	31,50	74,38			104	14																								
8411S	4 - 12	AF or Sleeve	16680	20	34	56	28,00	14	6,375	11,32	40,56	8,00	44,00	57,50	48,00	33,37	66,38	1,84	76	96	10	12,75	55,6	31,7	31,5						
8411E_S						63	31,50																			74,38	104	14			
8411SU						56	28,00																			66,38	98	10			
8411E_SU						63	31,50																			74,38	106	14			
8511S	2	Sleeve	23700	24	43	63	31,50	16	4,875	9,38	43,50	7,50	52,00	63,60	50,88	36,30	53,19	77,00	3,95	82	106	13	9,75	63,1	40,2	37,7					
8512S	71	35,50	82,00			116	17,5																								
8511S	4	AF or Sleeve	23730	24	43	63	31,50	16,5	5,375	10,88	43,50	7,50	52,00	63,60	50,88	36,30	53,19	77,00	3,95	82	108	13	10,75	63,1	40,2	37,7					
8512S						71	35,50																				82,00	118	17,5		
8511SU						63	31,50																				77,00	110	13		
8512SU						71	35,50																				82,00	120	17,5		
8511SU	6 - 12	AF or Sleeve	23730	24	43	63	31,50	16	6,375	12,38	43,50	7,50	52,00	63,60	50,88	36,30	53,19	77,00	3,95	82	110	13	12,75	63,1	40,2	37,7					
8512SU						71	35,50																				82,00	120	17,5		
8511SU+						63	31,50																				77,00	110	13		
8512SU+						71	35,50																				82,00	122	17,5		
8513S	2	Sleeve	27300	24	43	78,05	38,72	16,5	4,875	6,375	43,50	7,50	52,00	63,60	50,88	36,30	53,19	90,54	3,95	82	125	18	9,75	63,1	40,2	37,7					
8513S	5,375	7,88																									127		10,75		
8513SU	4	AF or Sleeve																									6,375	9,38	128	18	12,75
8513SU	6-8	Sleeve																									6,375	9,38	128		12,75
8513SU+	6-8	Sleeve	7,375	11,38	130		14,75																								

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

Totally enclosed air-to-air cooled (TEAAC)



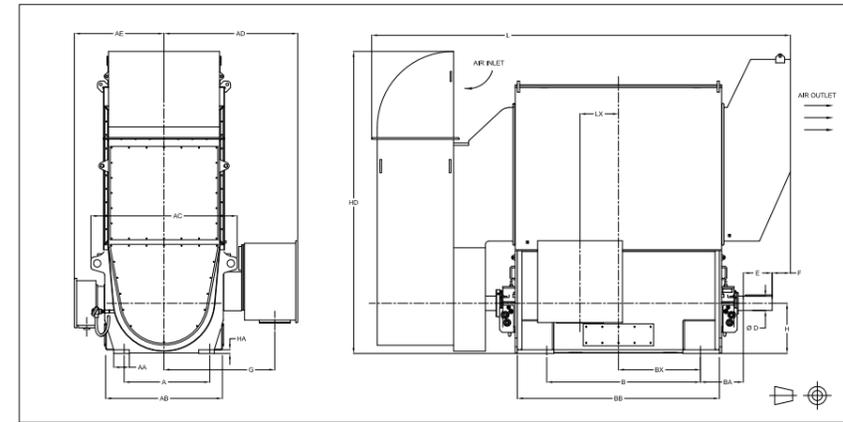
Keyway			
D	Depth	Width	Length
3,375	0,44	0,88	4,50
4,375	0,50	1,00	6,50
4,875	0,63	1,25	7,50
5,375	0,63	1,25	8,50
6,375	0,75	1,50	10,50
7,375	0,75	1,50	12,00

Frame	Poles	Bearing	Weight (lbs)	H	A	B	BX	BA	D	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E												
8311S	2	Sleeve	12680	17	27	50	27,05	11,5	3,375	3750	5,25	34,00	49,50	44,88	30,31	61,00	1,25	86	103	9	6,75												
8312S						58	30,75															68,38											
8311SU						50	27,05		61,00																								
8312SU						58	30,75		68,38																								
8311S	4 - 12	AF or Sleeve	12020	17	27	50	27,05	11,5	3,375	3750	5,25	34,00	49,50	44,88	30,31	61,00	1,25	86	115	13	8,75												
8312S						58	30,75															68,38											
8311SU						50	27,05	61,00																									
8312SU						58	30,75	68,38																									
8411SU	2	Sleeve	17860	20	34	56	28,00	14	5,375	40,56	8,00	44,00	57,50	48,00	33,37	66,38	1,84	102	119	10	10,75												
8411E_SU	63	31,50	74,38																														
8411S	56	28,00	66,38																														
8411E_S	63	31,50	74,38																														
8411SU	4 - 12	Sleeve	17820	20	34	56	28,00	14	5,375	40,56	8,00	44,00	57,50	48,00	33,37	66,38	1,84	102	125	10	12,75												
8411E_SU						63	31,50															74,38											
8511S	4	AF or Sleeve	26350	24	43	63	31,50	16,5	5,375													43,50	7,50	52,00	63,60	50,88	36,30	77,00	3,95	116	167	13	10,75
8512S						71	35,50																										
8511SU						63	31,50	77,00																									
8512SU						71	35,50	82,00																									
8511SU	6 - 12	AF or Sleeve	26350	24	43	63	31,50	16	5,375	43,50	7,50	52,00	63,60	50,88	36,30	77,00	3,95	116	133	13	12,75												
8512SU						71	35,50															82,00											
8511SU+		Sleeve				63	31,50	77,00																									
8512SU+						71	35,50	82,00																									
8513S	4	AF or Sleeve	30100	24	43	78,5	38,72	16,5	5,375	43,50	7,50	52,00	63,60	50,88	36,30	90,54	3,95	135	183	18	10,75												
8513SU									6,375																								
8513SU						6,375																											
8513SU+						7,375																											

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

Totally enclosed air-to-air cooled (TEAAC)



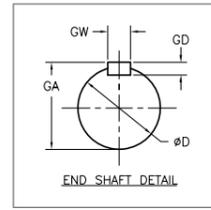
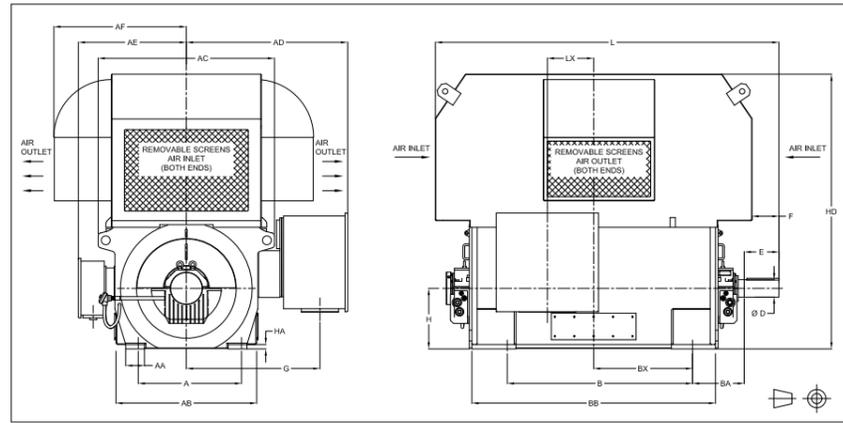
Keyway			
D	Depth	Width	Length
3,375	0,44	0,88	4,50
4,375	0,50	1,00	6,50
4,875	0,63	1,25	7,50
5,375	0,63	1,25	8,50
6,375	0,75	1,50	10,50
7,375	0,75	1,50	12,00

Frame	Poles	Bearing	Weight (lbs)	H	A	B	BX	BA	D	F	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E	
8511S	2	Sleeve	24250	24	43	63	31,50	16	4,875	10,00	43,50	7,50	52,00	63,60	50,88	36,30	77,00	3,95	128	163	13	9,75	
8512S						71	35,50																8,50
8513S						78,5	38,72																8,50

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

IP24 IC 01



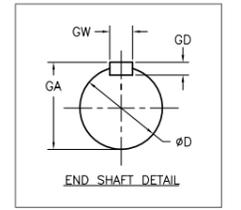
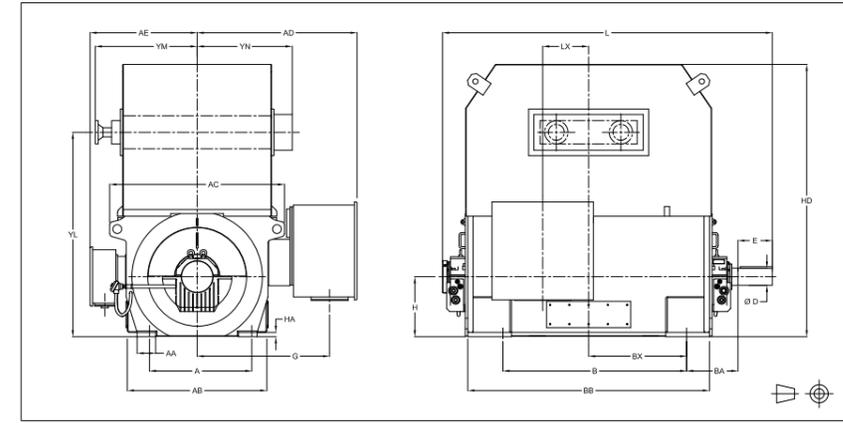
Key				
D	GW	GD	GA	Length
90	25	14	95	110
110	28	16	116	140
125	32	18	132	140
140	36	20	148	200
160	40	22	169	220
190	45	25	200	280

Frame	Poles	Bearing	Weight (kg)	H	A	B	BX	BA	D	F	G	AA	AB	AC	AD	AE	AF	BB	HA	HD	L	LX	E	
450G90	2	Sleeve	5150	450	710	1250	690	315	110	139	952	133	864	1257	1140	770	941	1550	50	1973	221	229	170	
450F90						1400	784														102	2448		330
450G110						1250	690														139	2251		229
450F110	4 - 12	AF or Sleeve	5030	450	710	1400	784	110	102	952	133	864	1257	1140	770	941	1550	50	1973	2488	330	210		
450G110						1250	690													179	2251		229	
450F110						1400	784													142	2488		330	
450G125						1250	690													179	2251		229	
450F125						1400	784													142	2488		330	
500G140	2	Sleeve	7450	500	850	1400	700	375	140	222	1030	203	1118	1462	1220	848	1027	38	2184	2448	254	250		
500F140						1600	800													212	2638		356	
500G140	4 - 12	AF or Sleeve	7470	500	850	1400	700	400	247	1030	203	1118	1462	1220	848	1027	1685	38	2184	2453	254	300		
500F140						1600	800													237	2663		356	
500G160						1400	700													297	2503		254	
500F160						1600	800													287	2713		356	
560G140						2*	Sleeve													11000	560		1060	1600
560F140	1800	900	156	2944	445																			
560G140	4	AF or Sleeve	11010	560	1060	1600	800	415	250	1956	2083	2693	330	250	2693	330	2083	2959	445	250				
560F140						1800	900														172	2959	445	
560G160						1600	800														300	2743	330	
560F160						1800	900														222	3009	445	
560G160						1600	800														285	2728	330	
560F160						1800	900														207	2994	445	
560G190						1600	800														335	2778	330	
560F190	1800	900	257	3044	445																			
560E140	2	Sleeve	12500	560	1060	140	156	425	140	1956	2083	2728	330	250	2728	330	2083	2994	445	250				
560E140	140	172				3176	457														300			
560E160	160	222				3226	457														300			
560E160	160	207				3211	457														300			
560E190	190	257				3261	457														350			

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

IP54/55 IC 81W



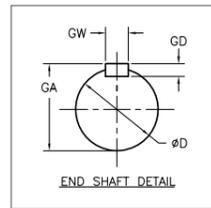
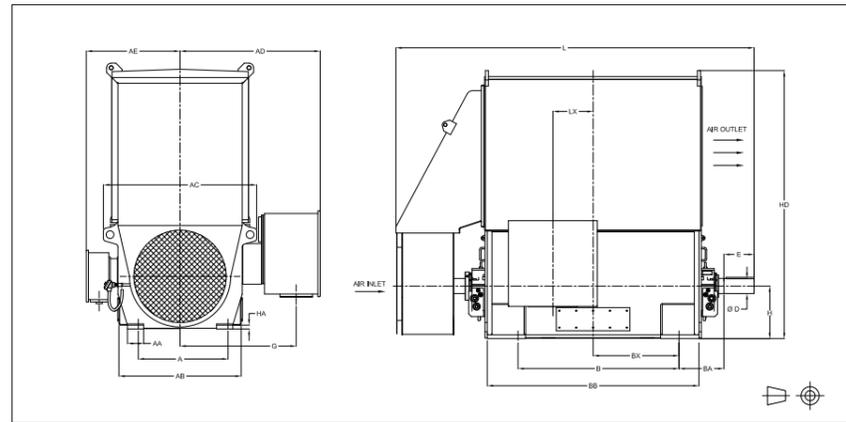
Key				
D	GW	GD	GA	Length
90	25	14	95	110
110	28	16	116	140
125	32	18	132	140
140	36	20	148	200
160	40	22	169	220
190	45	25	200	280

Frame	Poles	Bearing	Weight (kg)	H	A	B	BX	BA	D	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E	YL	YM	YN				
450G90	2	Sleeve	5200	450	710	1250	690	315	110	952	133	864	1257	1140	770	941	1550	50	1973	221	229	170						
450F90						1400	784													102	2448					330		
450G110						1250	690													139	2251					229		
450F110	4 - 12	AF or Sleeve	5080	450	710	1400	784	110	102	952	133	864	1257	1140	770	941	1550	50	1973	2488	330	210	1288	737	762			
450G110						1250	690													179	2251					229		
450F110						1400	784													142	2488					330		
450G125						1250	690													179	2251					229		
450F125						1400	784													142	2488					330		
500G140	2	Sleeve	4550	500	850	1400	700	375	140	222	1030	203	1118	1462	1220	848	1027	38	2184	2448	254	250						
500F140						1600	800													212	2638					356		
500G140	4 - 12	AF or Sleeve	7580	500	850	1400	700	400	247	1030	203	1118	1462	1220	848	1027	1685	38	2184	2453	254	300	1420	805	800			
500F140						1600	800													237	2663					356		
500G160						1400	700													297	2503					254		
500F160						1600	800													287	2713					356		
560G140						2	Sleeve													10750	560					1060	1600	800
560F140	1800	900	156	2944	445																							
560G140	4	AF or Sleeve	10780	560	1060	1600	800	415	250	1956	2083	2693	330	250	2693	330	2083	2959	445	250	2693	330	1553	1021	958			
560F140						1800	900																			172	2959	445
560G160						1600	800																			300	2743	330
560F160						1800	900																			222	3009	445
560G160						1600	800																			285	2728	330
560F160						1800	900																			207	2994	445
560G190						1600	800																			335	2778	330
560F190	1800	900	257	3044	445																							
560E140	2	Sleeve	12400	560	1060	140	156	425	140	1956	2083	2728	330	250	2728	330	2083	2994	445	250								
560E140	140	172				3176	457																		300			
560E160	160	222				3226	457																		300			
560E160	160	207				3211	457																		300			
560E190	190	257				3261	457																		350			

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

IP54/55 IC 611



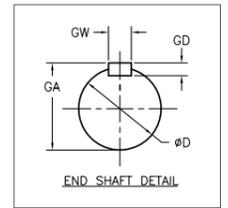
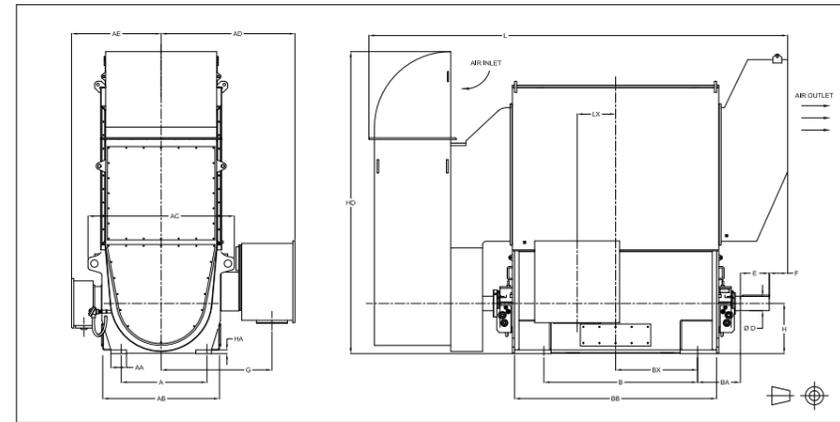
Key				
D	GW	GD	GA	Length
90	25	14	95	110
110	28	16	116	140
125	32	18	132	140
140	36	20	148	200
160	40	22	169	220
190	45	25	200	280

Frame	Poles	Bearing	Weight (kg)	H	A	B	BX	BA	D	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E					
450G90	2	Sleeve	5750	450	710	1250	690	315	90							1550	50	2274	2664	229	170					
450F90						1400	784									1737			2884	330						
450G110	2	Sleeve	5750	450	710	1250	690	315	90							1550	50	2274	2704	229	170					
450F110						1400	784									1737			2924	330						
450G110	4 - 12	AF or Sleeve	5450	450	710	1250	690	315	110	952	133	864	1257	1140	770	1550	50	2274	2918	229	210					
450F110						1400	784									1737			3100	330						
450G125						4 - 12	AF or Sleeve	5450	450	710	1250	690	315	110	952	133	864	1257	1140	770	1550	50	2274	2918	229	210
450F125											1400	784									1737			3100	330	
500G140	2	Sleeve	8100	500	850	1400	700	375	140							1685	38	2843	3007	254	250					
500F140						1600	800									1889			3208	356						
500G140	4 - 12	AF or Sleeve	8080	500	850	1400	700	400	140	1030	203	1118	1462	1220	848	1685	38	2843	3150	254	250					
500F140						1600	800									1889			3394	356						
500G160						4 - 12	Sleeve	8080	500	850	1400	700	400	160							1685	38	2843	3200	254	300
500F160											1600	800									1889			3444	356	
560G140	4	AF or Sleeve	11950	560	1060	1600	800	415	140							1956	51	2891	4211	330	250					
560F140						1800	900									2083			4375	445						
560G160						4	AF or Sleeve	11950	560	1060	1600	800	415	160							1956	51	2891	4261	330	300
560F160											1800	900									2083			4425	445	
560G160	6 - 12	AF or Sleeve	11950	560	1060	1600	800	400	160							1956	51	2891	3346	330	300					
560F160						1800	900									2083			3510	445						
560G190	6 - 12	Sleeve	11950	560	1060	1600	800	400	190	1105	191	1321	1615	1292	922	1956	51	2891	3396	330	350					
560F190						1800	900									2083			3560	445						
560E140	4	AF or Sleeve	13800	560	1060	2000	983,5	425	140							2300	3430	3430	4592	457	250					
560E160																			160		4642	300				
560E160	6-8	Sleeve	13800	560	1060	2000	983,5	425	160							2300	3430	3430	3727	457	300					
560E190																			190		3777	350				

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

IP54/55 IC 611



Key				
D	GW	GD	GA	Length
90	25	14	95	110
110	28	16	116	140
125	32	18	132	140
140	36	20	148	200
160	40	22	169	220
190	45	25	200	280

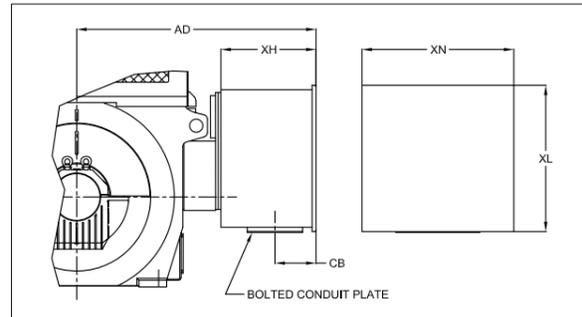
Frame	Poles	Bearing	Weight (kg)	H	A	B	BX	BA	D	F	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E
560G140	2	Sleeve	11000	560	1060	1600	800	400	140	257	1105	191	1321	1615	1292	922	1956	51	3196	4140	330	250
560F140						1800	900													219	2083	
560E140						2000	983,5	425	140	219	1105	191	1321	1615	1292	922	2300	51	3610	4484	457	

Dimensions above are in inches.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 1 to 2 inches. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 0.06 inch may be necessary.

Conduit box dimensions

Oversize conduit boxes for high voltage (no protective equipment)



Voltage	Up to 4800 V	4801 to 6900 V	6901 to 16000 V
Box Number	NEMA II_#1	NEMA II_#2	#24

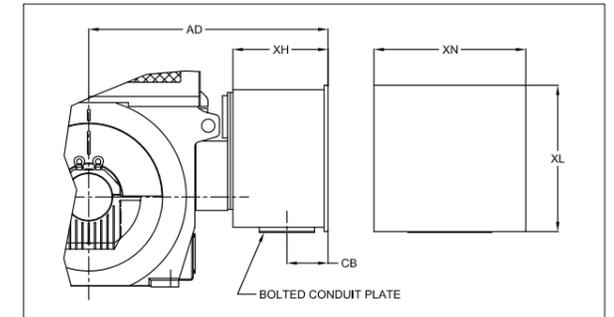
Box	Oversize conduit boxes dimensions (inches)				AD dimensions (inches)					
	Nº	XL	XN	XH	CB	8300	8400	8500	450	500
NEMA II_#1	26	27	18	7,38	44,88	48	50,88	44,88	48	50,88
NEMA II_#2	36	30	18	7,38	44,88	48	50,88	44,88	48	50,88
#24	36	52,2	44,75	6,75	71,5	74,56	77,5	71,5	74,56	77,5
#25	36	58,38	54,88	8,6	81,62	84,69	87,62	81,62	84,69	87,62

Oversize conduit boxes for protective equipment

Protective equipment	Box number		
	Up to 4800 V	4801 to 6900 V	6901 to 16000 V
(3) Surge Capacitors	#24	#24	#25
(3) Lightning Arrestors	#24	#24	#25
(3) CT 's (6 leads)	#24	#24	#25
(3) CT 's (3 leads)	#24	#24	#25
(3) CT 's (6 leads) with or without capacitors or arrestors	#24	#24	#25
Capacitors and Arrestors	#24	#24	#25
Capacitors and Arrestors and CT 's	#24	#24	#25

Conduit box dimensions

Oversize conduit boxes for high voltage (no protective equipment)



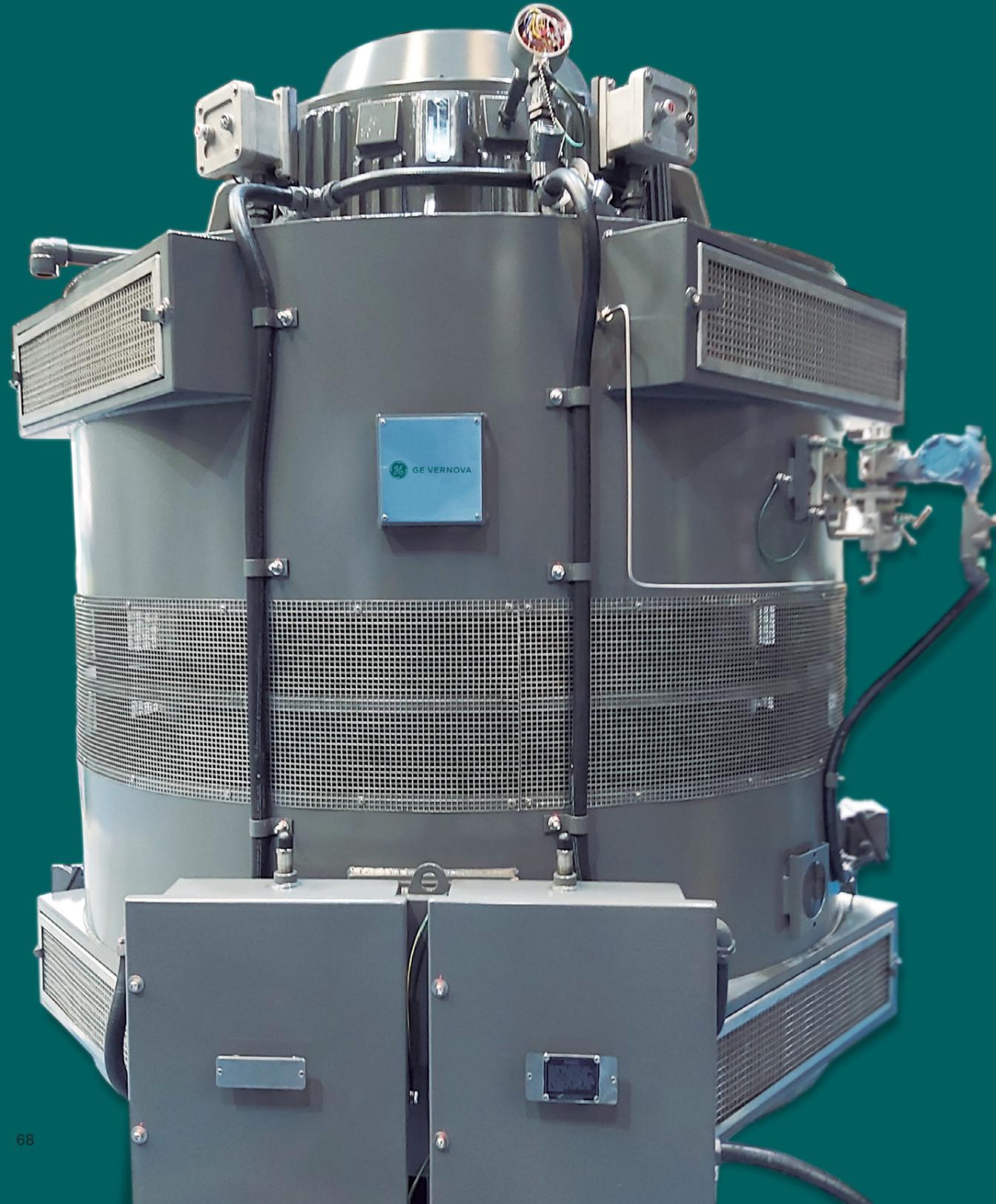
Voltage	Up to 4800 V	4801 to 6900 V	6901 to 16000 V
Box Number	#1	#2	#24

Box	Oversize conduit boxes dimensions (millimeters)				AD dimensions (millimeters)					
	Nº	XL	XN	XH	CB	8300	8400	8500	450	500
#1	660	686	457	187	1140	1219	1292	1140	1219	1292
#2	914	762	457	187	1140	1219	1292	1140	1219	1292
#24	914	1326	1137	171	1816	1894	1969	1816	1894	1969
#25	914	1483	1394	218	2073	2151	2226	2073	2151	2226

Oversize conduit boxes for protective equipment

Protective equipment	Box number		
	Up to 4800 V	4801 to 6900 V	6901 to 16000 V
(3) Surge Capacitors	#24	#24	#25
(3) Lightning Arrestors	#24	#24	#25
(3) CT 's (6 leads)	#24	#24	#25
(3) CT 's (3 leads)	#24	#24	#25
(3) CT 's (6 leads) with or without capacitors or arrestors	#24	#24	#25
Capacitors and Arrestors	#24	#24	#25
Capacitors and Arrestors and CT 's	#24	#24	#25

MV INDUCTION VERTICAL MOTORS



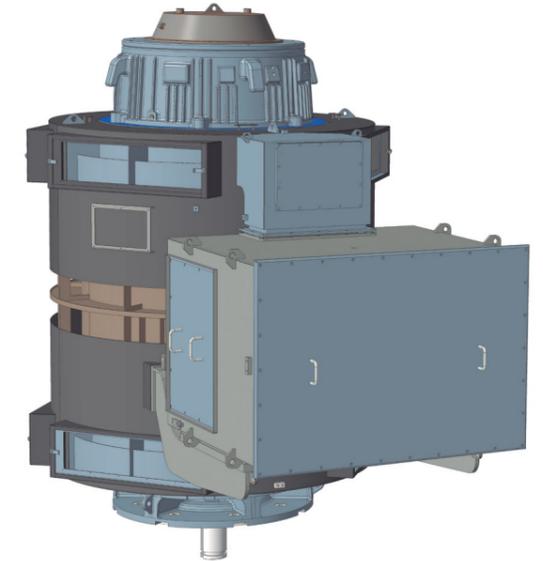
Innovative electro-mechanical design

Benefits

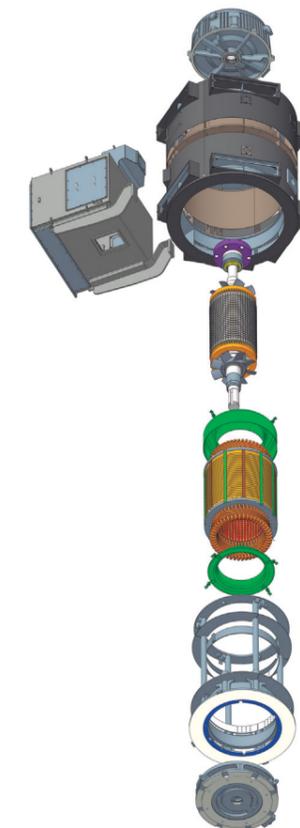
- Small footprint due to high power density
- High efficiency to assist with energy savings
- Low vibration enables high reliability and MTBF
- Low noise level to reduce environmental impact

Technical features

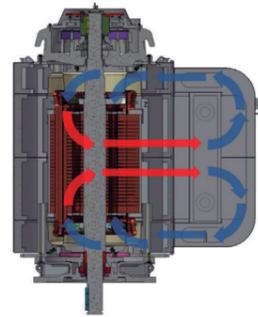
- NEMA MG1 or IEC 60034
- Available for API 541 5th Edition
- S1 duty (S2 to S9 duty types optional)
- 50/60 Hz frequency
- 2,300 to 13,800 V (other voltages optional)
Note: Other voltages will require engineering evaluation and design customization.
- Class F insulation
- ≤ 1000 meter altitude. Above 1000 meters altitude are available upon request
- -18°C to +40° C ambient. Lower and higher temperatures are available upon request
- Class B winding temperature rise by RTD method
- Maximum torque limitation – Bi-phase short circuit condition is considered for the winding, shaft and frame. (Fast bus transfer torque may be verified upon request)
- Vibration levels compliant to American Petroleum Institute (API), IEC 60034 Grade B and NEMA specifications
- Low Noise
TEWAC: Average sound pressure of 80 dB(A) max at 1 m no load
TEAAC/WPII: Average sound pressure of 85 dB(A) max at 1 m no load
Lower dB(A) levels are available upon request



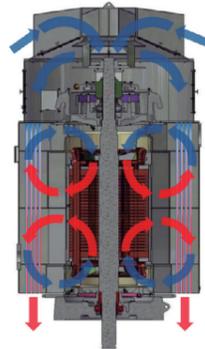
Innovative cooling tops quickly exchanges heat away from the core. Rigid frame construction helps keep noise levels low. IEC 60034 Grade B.



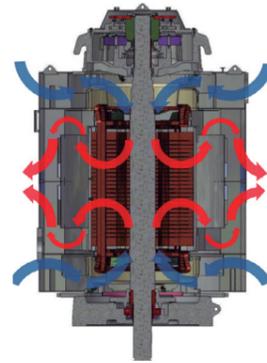
Cooling & Power range



Totally enclosed water-to-air cooled TEWAC / CACW



Totally enclosed air-to-air cooled TEAAC / CACA



Weather protected WP/II, ICOA1

NEMA vertical copper cage

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Vz WP-II or TEWAC enclosure										
4-pole										
2250	8300S	AF	Oil self-cooled	96,0%	96,0%	95,8%	86,0%	82,1%	75,0%	V04WP/II##60Cu04p2250
2500	8300L	AF	Oil self-cooled	96,1%	96,1%	96,0%	86,3%	82,8%	76,2%	V04WP/II##60Cu04p2500
3000	8300L	AF	Oil self-cooled	96,2%	96,3%	96,3%	86,9%	84,1%	78,5%	V04WP/II##60Cu04p3000
3500	8300L	AF	Oil self-cooled	96,4%	96,5%	96,5%	87,6%	85,4%	80,8%	V04WP/II##60Cu04p3500
4000	8400S	AF	Oil self-cooled	96,4%	96,4%	96,0%	85,8%	82,0%	75,0%	V04WP/II##60Cu04p4000
4500	8400L	AF	Oil self-cooled	96,5%	96,4%	96,1%	85,9%	82,1%	75,0%	V04WP/II##60Cu04p4500
5000	8400L	AF	Oil self-cooled	96,6%	96,5%	96,1%	86,0%	82,1%	75,0%	V04WP/II##60Cu04p5000
6-pole										
1500	8300S	AF	Oil self-cooled	95,2%	95,6%	95,6%	82,0%	79,2%	71,1%	V04WP/II##60Cu06p1500
1750	8300S	AF	Oil self-cooled	95,3%	95,7%	95,7%	82,0%	79,3%	71,3%	V04WP/II##60Cu06p1750
2000	8300L	AF	Oil self-cooled	95,4%	95,8%	95,8%	82,1%	79,4%	71,5%	V04WP/II##60Cu06p2000
2250	8300L	AF	Oil self-cooled	95,5%	95,9%	95,9%	82,1%	79,5%	71,7%	V04WP/II##60Cu06p2250
2500	8300L	AF	Oil self-cooled	95,6%	96,0%	96,0%	82,1%	79,6%	71,9%	V04WP/II##60Cu06p2500
3000	8400S	AF	Oil self-cooled	94,4%	96,4%	96,3%	84,8%	85,6%	81,2%	V04WP/II##60Cu06p3000
3500	8400L	AF	Oil self-cooled	94,5%	96,5%	96,4%	85,2%	85,8%	81,2%	V04WP/II##60Cu06p3500
4000	8400L	AF	Oil self-cooled	94,6%	96,6%	96,5%	85,7%	86,0%	81,1%	V04WP/II##60Cu06p4000
8-pole										
1100	8300S	AF	Oil self-cooled	93,9%	95,1%	95,1%	80,3%	78,5%	70,8%	V04WP/II##60Cu08p1100
1250	8300S	AF	Oil self-cooled	94,0%	95,2%	95,2%	80,3%	78,5%	70,8%	V04WP/II##60Cu08p1250
1500	8300L	AF	Oil self-cooled	94,2%	95,3%	95,4%	80,3%	78,6%	70,9%	V04WP/II##60Cu08p1500
1750	8300L	AF	Oil self-cooled	94,4%	95,5%	95,5%	80,2%	78,6%	71,0%	V04WP/II##60Cu08p1750
1850	8300L	AF	Oil self-cooled	94,5%	95,6%	95,6%	80,2%	78,6%	71,0%	V04WP/II##60Cu08p1850
2000	8400S	AF	Oil self-cooled	95,1%	95,7%	95,5%	83,5%	81,4%	74,3%	V04WP/II##60Cu08p2000
2250	8400L	AF	Oil self-cooled	95,2%	95,8%	95,6%	83,7%	81,7%	74,8%	V04WP/II##60Cu08p2250
2500	8400L	AF	Oil self-cooled	95,3%	95,9%	95,8%	83,9%	82,1%	75,4%	V04WP/II##60Cu08p2500
2900	8400L	AF	Oil self-cooled	95,5%	96,1%	95,9%	84,3%	82,6%	76,2%	V04WP/II##60Cu08p2900

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Vz WP-II or TEWAC enclosure										
10-pole										
800	8300S	AF	Oil self-cooled	94,3%	94,6%	94,1%	76,5%	74,7%	64,5%	V04WP/II##60Cu10p800
900	8300S	AF	Oil self-cooled	94,4%	94,7%	94,2%	76,8%	75,3%	65,4%	V04WP/II##60Cu10p900
1000	8300L	AF	Oil self-cooled	94,4%	94,7%	94,3%	77,2%	75,9%	66,3%	V04WP/II##60Cu10p1000
1250	8300L	AF	Oil self-cooled	94,5%	94,9%	94,6%	78,1%	77,4%	68,6%	V04WP/II##60Cu10p1250
1500	8400S	AF	Oil self-cooled	94,4%	95,5%	95,3%	80,7%	78,6%	70,8%	V04WP/II##60Cu10p1500
1750	8400L	AF	Oil self-cooled	94,5%	95,6%	95,4%	80,8%	78,7%	71,1%	V04WP/II##60Cu10p1750
2000	8400L	AF	Oil self-cooled	94,6%	95,7%	95,5%	80,9%	78,9%	71,3%	V04WP/II##60Cu10p2000
2200	8400L	AF	Oil self-cooled	94,6%	95,7%	95,6%	81,0%	79,0%	71,5%	V04WP/II##60Cu10p2200
12-pole										
550	8300S	AF	Oil self-cooled	93,2%	93,8%	93,4%	73,3%	69,9%	59,0%	V04WP/II##60Cu12p550
600	8300S	AF	Oil self-cooled	93,3%	93,9%	93,5%	73,4%	70,2%	59,4%	V04WP/II##60Cu12p600
700	8300S	AF	Oil self-cooled	93,4%	94,1%	93,7%	73,8%	70,7%	60,1%	V04WP/II##60Cu12p700
800	8300L	AF	Oil self-cooled	93,6%	94,2%	93,9%	74,2%	71,2%	60,8%	V04WP/II##60Cu12p800
900	8300L	AF	Oil self-cooled	93,7%	94,4%	94,1%	74,5%	71,7%	61,5%	V04WP/II##60Cu12p900
1000	8400S	AF	Oil self-cooled	94,6%	94,9%	94,6%	75,7%	71,9%	62,1%	V04WP/II##60Cu12p1000
1250	8400S	AF	Oil self-cooled	94,8%	95,1%	94,7%	75,8%	72,0%	62,3%	V04WP/II##60Cu12p1250
1500	8400L	AF	Oil self-cooled	94,9%	95,2%	94,8%	76,0%	72,2%	62,4%	V04WP/II##60Cu12p1500
1600	8400L	AF	Oil self-cooled	95,0%	95,2%	94,8%	76,0%	72,2%	62,5%	V04WP/II##60Cu12p1600



Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 V _z WP-II or TEWAC enclosure										
4-pole										
2250	8300S	AF	Oil self-cooled	95,9%	96,0%	95,9%	87,6%	84,3%	78,1%	V06WPII##60Cu04p2250
2500	8300L	AF	Oil self-cooled	96,0%	96,1%	95,9%	87,5%	84,4%	78,4%	V06WPII##60Cu04p2500
3000	8300L	AF	Oil self-cooled	96,3%	96,3%	96,1%	87,4%	84,6%	79,1%	V06WPII##60Cu04p3000
3500	8400S	AF	Oil self-cooled	96,3%	96,1%	95,6%	85,0%	80,4%	72,2%	V06WPII##60Cu04p3500
4000	8400L	AF	Oil self-cooled	96,4%	96,2%	95,8%	85,3%	81,3%	73,8%	V06WPII##60Cu04p4000
4500	8400L	AF	Oil self-cooled	96,5%	96,3%	96,0%	85,7%	82,1%	75,4%	V06WPII##60Cu04p4500
5000	8400L	AF	Oil self-cooled	96,5%	96,4%	96,1%	86,1%	83,0%	77,0%	V06WPII##60Cu04p5000
6-pole										
1500	8300S	AF	Oil self-cooled	94,9%	95,2%	94,9%	78,0%	73,6%	63,3%	V06WPII##60Cu06p1500
1750	8300L	AF	Oil self-cooled	95,1%	95,4%	95,1%	79,1%	75,2%	65,6%	V06WPII##60Cu06p1750
2000	8300L	AF	Oil self-cooled	95,2%	95,5%	95,3%	80,2%	76,9%	68,0%	V06WPII##60Cu06p2000
2250	8300L	AF	Oil self-cooled	95,3%	95,7%	95,6%	81,3%	78,5%	70,3%	V06WPII##60Cu06p2250
2500	8400S	AF	Oil self-cooled	94,3%	96,3%	96,1%	82,6%	82,5%	76,4%	V06WPII##60Cu06p2500
3000	8400L	AF	Oil self-cooled	94,5%	96,4%	96,2%	83,4%	83,2%	77,1%	V06WPII##60Cu06p3000
3500	8400L	AF	Oil self-cooled	94,7%	96,6%	96,3%	84,1%	83,9%	77,8%	V06WPII##60Cu06p3500
4000	8400L	AF	Oil self-cooled	94,7%	96,7%	96,7%	84,2%	84,9%	80,3%	V06WPII##60Cu06p4000
8-pole										
1000	8300S	AF	Oil self-cooled	93,9%	95,0%	95,0%	80,3%	77,9%	69,4%	V06WPII##60Cu08p1000
1250	8300S	AF	Oil self-cooled	94,1%	95,2%	95,3%	81,0%	79,1%	71,3%	V06WPII##60Cu08p1250
1500	8300L	AF	Oil self-cooled	94,2%	95,4%	95,5%	81,8%	80,3%	73,3%	V06WPII##60Cu08p1500
1700	8300L	AF	Oil self-cooled	94,3%	95,5%	95,7%	82,3%	81,3%	74,8%	V06WPII##60Cu08p1700
1800	8400S	AF	Oil self-cooled	94,9%	95,6%	95,6%	84,7%	83,3%	77,5%	V06WPII##60Cu08p1800
2000	8400S	AF	Oil self-cooled	95,0%	95,7%	95,6%	84,6%	83,1%	77,0%	V06WPII##60Cu08p2000
2250	8400L	AF	Oil self-cooled	95,1%	95,8%	95,7%	84,5%	82,8%	76,5%	V06WPII##60Cu08p2250
2500	8400L	AF	Oil self-cooled	95,3%	95,9%	95,7%	84,4%	82,4%	75,9%	V06WPII##60Cu08p2500
2700	8400L	AF	Oil self-cooled	95,4%	96,0%	95,8%	84,3%	82,2%	75,4%	V06WPII##60Cu08p2700
10-pole										
700	8300S	AF	Oil self-cooled	93,5%	94,1%	94,0%	78,9%	78,3%	69,4%	V06WPII##60Cu10p700
800	8300S	AF	Oil self-cooled	93,7%	94,3%	94,2%	78,9%	78,3%	69,5%	V06WPII##60Cu10p800
900	8300S	AF	Oil self-cooled	93,8%	94,4%	94,4%	78,9%	78,4%	69,6%	V06WPII##60Cu10p900
1000	8300L	AF	Oil self-cooled	94,0%	94,6%	94,5%	78,9%	78,4%	69,7%	V06WPII##60Cu10p1000
1200	8300L	AF	Oil self-cooled	94,4%	94,9%	94,9%	78,9%	78,5%	69,9%	V06WPII##60Cu10p1200
1300	8400S	AF	Oil self-cooled	94,4%	95,4%	95,1%	80,7%	77,8%	69,0%	V06WPII##60Cu10p1300
1500	8400L	AF	Oil self-cooled	94,4%	95,5%	95,2%	80,8%	78,0%	69,4%	V06WPII##60Cu10p1500
1750	8400L	AF	Oil self-cooled	94,5%	95,5%	95,3%	80,9%	78,3%	69,8%	V06WPII##60Cu10p1750
2000	8400L	AF	Oil self-cooled	94,6%	95,6%	95,3%	81,0%	78,5%	70,3%	V06WPII##60Cu10p2000
12-pole										
500	8300S	AF	Oil self-cooled	93,3%	93,7%	93,0%	70,7%	65,5%	53,2%	V06WPII##60Cu12p500
600	8300L	AF	Oil self-cooled	93,4%	93,9%	93,2%	71,2%	66,2%	54,1%	V06WPII##60Cu12p600
700	8300L	AF	Oil self-cooled	93,5%	94,0%	93,4%	71,7%	66,9%	54,9%	V06WPII##60Cu12p700
800	8300L	AF	Oil self-cooled	93,6%	94,2%	93,7%	72,2%	67,6%	55,8%	V06WPII##60Cu12p800
900	8400S	AF	Oil self-cooled	94,5%	94,7%	94,1%	75,0%	70,3%	59,5%	V06WPII##60Cu12p900
1000	8400S	AF	Oil self-cooled	94,5%	94,8%	94,3%	75,3%	70,8%	60,2%	V06WPII##60Cu12p1000
1250	8400L	AF	Oil self-cooled	94,7%	95,0%	94,6%	76,1%	72,1%	62,1%	V06WPII##60Cu12p1250
1500	8400L	AF	Oil self-cooled	94,9%	95,2%	94,9%	76,9%	73,4%	63,9%	V06WPII##60Cu12p1500

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 V _z WP-II or TEWAC enclosure										
4-pole										
1500	8300S	AF	Oil self-cooled	94,7%	94,5%	93,9%	84,1%	78,7%	69,2%	V13WPII##60Cu04p1500
1750	8300L	AF	Oil self-cooled	94,9%	94,9%	94,5%	86,6%	82,4%	75,0%	V13WPII##60Cu04p1750
2000	8300L	AF	Oil self-cooled	95,2%	95,3%	95,1%	89,0%	86,1%	80,8%	V13WPII##60Cu04p2000
2250	8400S	AF	Oil self-cooled	95,6%	95,4%	94,9%	83,2%	77,6%	67,9%	V13WPII##60Cu04p2250
2500	8400S	AF	Oil self-cooled	95,8%	95,6%	95,1%	84,3%	79,3%	70,6%	V13WPII##60Cu04p2500
3000	8400L	AF	Oil self-cooled	96,2%	96,0%	95,6%	86,4%	82,7%	75,9%	V13WPII##60Cu04p3000
6-pole										
1000	8300S	AF	Oil self-cooled	94,3%	94,5%	93,8%	78,6%	73,3%	62,1%	V13WPII##60Cu06p1000
1250	8300L	AF	Oil self-cooled	94,3%	94,7%	94,3%	81,2%	77,5%	68,5%	V13WPII##60Cu06p1250
1500	8300L	AF	Oil self-cooled	94,3%	94,8%	94,8%	83,7%	81,7%	74,8%	V13WPII##60Cu06p1500
1750	8400S	AF	Oil self-cooled	93,4%	95,3%	95,0%	83,1%	82,2%	75,0%	V13WPII##60Cu06p1750
2000	8400S	AF	Oil self-cooled	93,5%	95,5%	95,3%	83,9%	83,3%	76,8%	V13WPII##60Cu06p2000
2500	8400L	AF	Oil self-cooled	93,8%	95,9%	95,7%	85,5%	85,6%	80,3%	V13WPII##60Cu06p2500
8-pole										
1200	8400S	AF	Oil self-cooled	93,8%	94,4%	94,0%	82,1%	78,6%	69,6%	V13WPII##60Cu08p1200
1250	8400S	AF	Oil self-cooled	93,8%	94,4%	94,0%	82,1%	78,5%	69,5%	V13WPII##60Cu08p1250
1500	8400S	AF	Oil self-cooled	93,9%	94,5%	94,1%	82,0%	78,3%	69,1%	V13WPII##60Cu08p1500
1750	8400L	AF	Oil self-cooled	94,1%	94,6%	94,2%	81,8%	78,0%	68,6%	V13WPII##60Cu08p1750
2000	8400L	AF	Oil self-cooled	94,2%	94,7%	94,2%	81,7%	77,7%	68,2%	V13WPII##60Cu08p2000
10-pole										
900	8400S	AF	Oil self-cooled	92,6%	94,0%	94,0%	82,8%	80,7%	73,2%	V13WPII##60Cu10p900
1000	8400S	AF	Oil self-cooled	92,7%	94,1%	94,1%	82,9%	80,9%	73,5%	V13WPII##60Cu10p1000
1250	8400L	AF	Oil self-cooled	93,1%	94,5%	94,4%	83,2%	81,5%	74,4%	V13WPII##60Cu10p1250
1400	8400L	AF	Oil self-cooled	93,4%	94,7%	94,6%	83,4%	81,8%	74,9%	V13WPII##60Cu10p1400
12-pole										
600	8400S	AF	Oil self-cooled	93,3%	93,4%	92,5%	74,4%	67,9%	55,6%	V13WPII##60Cu12p600
700	8400S	AF	Oil self-cooled	93,4%	93,5%	92,7%	74,7%	68,4%	56,3%	V13WPII##60Cu12p700
800	8400L	AF	Oil self-cooled	93,5%	93,6%	92,9%	75,0%	68,9%	57,0%	V13WPII##60Cu12p800
900	8400L	AF	Oil self-cooled	93,6%	93,8%	93,1%	75,2%	69,4%	57,6%	V13WPII##60Cu12p900
1000	8400L	AF	Oil self-cooled	93,7%	93,9%	93,3%	75,5%	69,9%	58,3%	V13WPII##60Cu12p1000
1100	8400L	AF	Oil self-cooled	93,8%	94,1%	93,5%	75,8%	70,4%	59,0%	V13WPII##60Cu12p1100

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 V _Z TEAAC enclosure										
4-pole										
2000	8300S	AF	Oil self-cooled	95,3%	95,1%	94,4%	84,7%	80,5%	72,6%	V04TEAAC#60Cu04p2000
2250	8300S	AF	Oil self-cooled	95,6%	95,4%	94,8%	85,7%	82,1%	75,4%	V04TEAAC#60Cu04p2250
2500	8300L	AF	Oil self-cooled	95,8%	95,7%	95,2%	86,6%	83,7%	78,2%	V04TEAAC#60Cu04p2500
3000	8300L	AF	Oil self-cooled	96,2%	96,3%	96,1%	88,4%	86,9%	83,7%	V04TEAAC#60Cu04p3000
3500	8400S	AF	Oil self-cooled	96,1%	95,7%	95,0%	85,6%	81,5%	74,2%	V04TEAAC#60Cu04p3500
4000	8400L	AF	Oil self-cooled	96,7%	96,6%	96,3%	89,5%	87,0%	82,4%	V04TEAAC#60Cu04p4000
6-pole										
1500	8300S	AF	Oil self-cooled	94,8%	95,0%	94,4%	80,9%	77,7%	69,1%	V04TEAAC#60Cu06p1500
1750	8300L	AF	Oil self-cooled	95,0%	95,1%	94,7%	80,4%	77,0%	68,1%	V04TEAAC#60Cu06p1750
2000	8300L	AF	Oil self-cooled	95,1%	95,3%	94,9%	79,9%	76,3%	67,0%	V04TEAAC#60Cu06p2000
2250	8400S	AF	Oil self-cooled	94,1%	95,8%	95,4%	83,0%	82,5%	76,0%	V04TEAAC#60Cu06p2250
2500	8400L	AF	Oil self-cooled	94,3%	96,1%	95,6%	83,6%	82,8%	76,1%	V04TEAAC#60Cu06p2500
3000	8400L	AF	Oil self-cooled	94,8%	96,6%	96,2%	84,6%	83,5%	76,2%	V04TEAAC#60Cu06p3000
3500	8400L	AF	Oil self-cooled	94,9%	96,8%	96,6%	85,2%	85,1%	79,5%	V04TEAAC#60Cu06p3500
8-pole										
1000	8300S	AF	Oil self-cooled	94,2%	95,1%	94,8%	81,3%	79,5%	71,8%	V04TEAAC#60Cu08p1000
1250	8300L	AF	Oil self-cooled	94,3%	95,2%	95,1%	81,5%	79,9%	72,6%	V04TEAAC#60Cu08p1250
1500	8300L	AF	Oil self-cooled	94,4%	95,4%	95,3%	81,7%	80,3%	73,4%	V04TEAAC#60Cu08p1500
1600	8300L	AF	Oil self-cooled	94,5%	95,5%	95,4%	81,7%	80,5%	73,7%	V04TEAAC#60Cu08p1600
1800	8400S	AF	Oil self-cooled	95,4%	95,9%	95,7%	84,1%	81,7%	74,4%	V04TEAAC#60Cu08p1800
2000	8400L	AF	Oil self-cooled	95,5%	96,0%	95,8%	84,1%	81,6%	74,2%	V04TEAAC#60Cu08p2000
2250	8400L	AF	Oil self-cooled	95,5%	96,0%	95,8%	84,0%	81,5%	74,0%	V04TEAAC#60Cu08p2250
2400	8400L	AF	Oil self-cooled	95,6%	96,0%	95,8%	84,0%	81,4%	73,9%	V04TEAAC#60Cu08p2400
10-pole										
700	8300S	AF	Oil self-cooled	93,8%	94,1%	93,6%	78,1%	77,4%	68,7%	V04TEAAC#60Cu10p700
800	8300S	AF	Oil self-cooled	93,9%	94,2%	93,7%	77,9%	77,1%	68,2%	V04TEAAC#60Cu10p800
900	8300L	AF	Oil self-cooled	94,0%	94,3%	93,8%	77,8%	76,8%	67,7%	V04TEAAC#60Cu10p900
1000	8300L	AF	Oil self-cooled	94,2%	94,4%	93,9%	77,7%	76,5%	67,2%	V04TEAAC#60Cu10p1000
1150	8300L	AF	Oil self-cooled	94,4%	94,5%	94,0%	77,5%	76,1%	66,4%	V04TEAAC#60Cu10p1150
1300	8400S	AF	Oil self-cooled	94,5%	95,4%	95,0%	79,8%	76,4%	67,0%	V04TEAAC#60Cu10p1300
1500	8400L	AF	Oil self-cooled	94,6%	95,6%	95,2%	80,5%	77,7%	69,2%	V04TEAAC#60Cu10p1500
1750	8400L	AF	Oil self-cooled	94,6%	95,7%	95,5%	81,4%	79,4%	71,9%	V04TEAAC#60Cu10p1750
2000	8400L	AF	Oil self-cooled	94,7%	95,9%	95,8%	82,3%	81,0%	74,6%	V04TEAAC#60Cu10p2000
12-pole										
500	8300S	AF	Oil self-cooled	93,2%	93,5%	92,6%	69,6%	64,2%	51,8%	V04TEAAC#60Cu12p500
600	8300S	AF	Oil self-cooled	93,4%	93,7%	93,0%	70,9%	66,0%	54,1%	V04TEAAC#60Cu12p600
700	8300L	AF	Oil self-cooled	93,5%	94,0%	93,3%	72,1%	67,9%	56,4%	V04TEAAC#60Cu12p700
800	8300L	AF	Oil self-cooled	93,7%	94,2%	93,7%	73,3%	69,7%	58,7%	V04TEAAC#60Cu12p800
850	8300L	AF	Oil self-cooled	93,8%	94,4%	93,9%	74,0%	70,6%	59,8%	V04TEAAC#60Cu12p850
900	8400S	AF	Oil self-cooled	94,9%	95,1%	94,6%	75,6%	70,9%	60,2%	V04TEAAC#60Cu12p900
1000	8400S	AF	Oil self-cooled	95,0%	95,2%	94,7%	76,1%	71,7%	61,3%	V04TEAAC#60Cu12p1000
1250	8400L	AF	Oil self-cooled	95,1%	95,4%	95,0%	77,3%	73,5%	63,9%	V04TEAAC#60Cu12p1250
1300	8400L	AF	Oil self-cooled	95,2%	95,4%	95,1%	77,5%	73,9%	64,4%	V04TEAAC#60Cu12p1300

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 V _Z TEAAC enclosure										
4-pole										
1750	8300S	AF	Oil self-cooled	95,2%	95,0%	94,2%	87,3%	83,9%	77,5%	V06TEAAC#60Cu04p1750
2000	8300S	AF	Oil self-cooled	95,5%	95,2%	94,6%	87,8%	84,7%	78,9%	V06TEAAC#60Cu04p2000
2250	8300L	AF	Oil self-cooled	95,7%	95,5%	95,0%	88,4%	85,6%	80,4%	V06TEAAC#60Cu04p2250
2500	8300L	AF	Oil self-cooled	95,9%	95,8%	95,4%	88,9%	86,4%	81,8%	V06TEAAC#60Cu04p2500
3000	8400S	AF	Oil self-cooled	96,0%	95,6%	94,9%	86,9%	83,6%	77,5%	V06TEAAC#60Cu04p3000
3500	8400L	AF	Oil self-cooled	96,1%	95,8%	95,1%	86,5%	83,0%	76,5%	V06TEAAC#60Cu04p3500
4000	8400L	AF	Oil self-cooled	96,3%	95,9%	95,3%	86,1%	82,3%	75,5%	V06TEAAC#60Cu04p4000
6-pole										
1250	8300S	AF	Oil self-cooled	94,5%	94,6%	94,0%	81,7%	78,6%	70,2%	V06TEAAC#60Cu06p1250
1500	8300L	AF	Oil self-cooled	94,7%	94,9%	94,4%	81,4%	78,3%	69,9%	V06TEAAC#60Cu06p1500
1750	8300L	AF	Oil self-cooled	95,0%	95,2%	94,7%	81,2%	78,1%	69,5%	V06TEAAC#60Cu06p1750
2000	8300L	AF	Oil self-cooled	95,2%	95,5%	95,1%	80,9%	77,8%	69,2%	V06TEAAC#60Cu06p2000
2250	8400S	AF	Oil self-cooled	93,9%	95,8%	95,4%	85,2%	85,5%	80,3%	V06TEAAC#60Cu06p2250
2500	8400L	AF	Oil self-cooled	94,1%	95,9%	95,6%	85,2%	85,4%	80,1%	V06TEAAC#60Cu06p2500
3000	8400L	AF	Oil self-cooled	94,5%	96,3%	95,9%	85,2%	85,2%	79,6%	V06TEAAC#60Cu06p3000
8-pole										
900	8300S	AF	Oil self-cooled	94,1%	95,0%	94,9%	79,4%	76,5%	67,3%	V06TEAAC#60Cu08p900
1000	8300S	AF	Oil self-cooled	94,2%	95,1%	95,0%	79,8%	77,1%	68,2%	V06TEAAC#60Cu08p1000
1250	8300L	AF	Oil self-cooled	94,3%	95,3%	95,2%	80,7%	78,5%	70,5%	V06TEAAC#60Cu08p1250
1500	8300L	AF	Oil self-cooled	94,5%	95,5%	95,5%	81,6%	80,0%	72,7%	V06TEAAC#60Cu08p1500
1600	8400S	AF	Oil self-cooled	95,1%	95,8%	95,7%	84,8%	83,1%	77,0%	V06TEAAC#60Cu08p1600
1750	8400S	AF	Oil self-cooled	95,2%	95,8%	95,7%	84,6%	82,6%	76,1%	V06TEAAC#60Cu08p1750
2000	8400L	AF	Oil self-cooled	95,3%	95,8%	95,6%	84,2%	81,8%	74,6%	V06TEAAC#60Cu08p2000
2250	8400L	AF	Oil self-cooled	95,4%	95,9%	95,6%	83,9%	81,0%	73,1%	V06TEAAC#60Cu08p2250
10-pole										
600	8300S	AF	Oil self-cooled	94,0%	94,4%	94,2%	78,1%	76,9%	67,4%	V06TEAAC#60Cu10p600
700	8300S	AF	Oil self-cooled	94,1%	94,6%	94,4%	78,6%	77,6%	68,6%	V06TEAAC#60Cu10p700
800	8300L	AF	Oil self-cooled	94,1%	94,7%	94,6%	79,0%	78,4%	69,7%	V06TEAAC#60Cu10p800
900	8300L	AF	Oil self-cooled	94,2%	94,8%	94,7%	79,4%	79,1%	70,9%	V06TEAAC#60Cu10p900
1000	8300L	AF	Oil self-cooled	94,3%	94,9%	94,9%	79,8%	79,8%	72,0%	V06TEAAC#60Cu10p1000
1050	8300L	AF	Oil self-cooled	94,4%	95,0%	95,0%	80,0%	80,2%	72,6%	V06TEAAC#60Cu10p1050
1100	8400S	AF	Oil self-cooled	94,4%	95,4%	95,1%	81,1%	78,4%	70,0%	V06TEAAC#60Cu10p1100
1250	8400S	AF	Oil self-cooled	94,4%	95,5%	95,2%	81,6%	79,2%	71,4%	V06TEAAC#60Cu10p1250
1500	8400L	AF	Oil self-cooled	94,4%	95,6%	95,4%	82,3%	80,6%	73,6%	V06TEAAC#60Cu10p1500
1750	8400L	AF	Oil self-cooled	94,5%	95,7%	95,6%	83,0%	81,9%	75,9%	V06TEAAC#60Cu10p1750
12-pole										
450	8300S	AF	Oil self-cooled	93,3%	93,8%	93,1%	71,6%	66,6%	54,4%	V06TEAAC#60Cu12p450
500	8300S	AF	Oil self-cooled	93,4%	93,8%	93,1%	71,2%	66,1%	53,8%	V06TEAAC#60Cu12p500
600	8300L	AF	Oil self-cooled	93,5%	93,9%	93,2%	70,5%	65,1%	52,7%	V06TEAAC#60Cu12p600
700	8300L	AF	Oil self-cooled	93,7%	94,0%	93,2%	69,8%	64,1%	51,5%	V06TEAAC#60Cu12p700
800	8400S	AF	Oil self-cooled	94,6%	94,8%	94,4%	77,9%	74,1%	64,3%	V06TEAAC#60Cu12p800
900	8400S	AF	Oil self-cooled	94,6%	94,9%	94,4%	77,7%	73,7%	63,7%	V06TEAAC#60Cu12p900
1000	8400L	AF	Oil self-cooled	94,7%	94,9%	94,5%	77,5%	73,3%	63,2%	V06TEAAC#60Cu12p1000
1200	8400L	AF	Oil self-cooled	94,8%	95,0%	94,5%	77,0%	72,4%	62,0%	V06TEAAC#60Cu12p1200

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 Vz TEAAC enclosure										
4-pole										
1500	8300L	AF	Oil self-cooled	94,6%	94,3%	93,6%	89,6%	86,7%	81,7%	V13TEAAC#60Cu04p1500
1750	8300L	AF	Oil self-cooled	94,9%	94,7%	94,0%	87,3%	83,7%	77,2%	V13TEAAC#60Cu04p1750
2000	8400S	AF	Oil self-cooled	95,0%	94,5%	93,4%	85,5%	81,0%	72,9%	V13TEAAC#60Cu04p2000
2250	8400S	AF	Oil self-cooled	95,3%	94,8%	93,7%	85,1%	80,5%	72,4%	V13TEAAC#60Cu04p2250
2500	8400L	AF	Oil self-cooled	95,6%	95,1%	94,0%	84,6%	80,0%	71,8%	V13TEAAC#60Cu04p2500
6-pole										
900	8300S	AF	Oil self-cooled	93,5%	93,3%	92,1%	80,7%	75,9%	65,5%	V13TEAAC#60Cu06p900
1000	8300L	AF	Oil self-cooled	93,7%	93,6%	92,5%	80,6%	75,9%	65,6%	V13TEAAC#60Cu06p1000
1250	8300L	AF	Oil self-cooled	94,3%	94,3%	93,6%	80,4%	75,9%	65,7%	V13TEAAC#60Cu06p1250
1500	8400S	AF	Oil self-cooled	93,3%	95,0%	94,4%	85,0%	84,5%	78,3%	V13TEAAC#60Cu06p1500
1750	8400S	AF	Oil self-cooled	93,4%	95,2%	94,7%	84,7%	84,0%	77,4%	V13TEAAC#60Cu06p1750
2000	8400L	AF	Oil self-cooled	93,6%	95,4%	94,9%	84,4%	83,5%	76,4%	V13TEAAC#60Cu06p2000
8-pole										
1000	8400S	AF	Oil self-cooled	93,9%	94,6%	94,4%	85,4%	83,4%	76,8%	V13TEAAC#60Cu08p1000
1250	8400L	AF	Oil self-cooled	94,1%	94,7%	94,4%	85,2%	82,9%	75,9%	V13TEAAC#60Cu08p1250
1500	8400L	AF	Oil self-cooled	94,3%	94,8%	94,5%	85,0%	82,4%	75,0%	V13TEAAC#60Cu08p1500
10-pole										
850	8400S	AF	Oil self-cooled	93,1%	94,1%	93,6%	81,4%	77,7%	68,0%	V13TEAAC#60Cu10p850
900	8400S	AF	Oil self-cooled	93,2%	94,2%	93,7%	81,6%	78,0%	68,5%	V13TEAAC#60Cu10p900
1000	8400L	AF	Oil self-cooled	93,3%	94,3%	93,9%	82,0%	78,6%	69,4%	V13TEAAC#60Cu10p1000
1200	8400L	AF	Oil self-cooled	93,6%	94,6%	94,3%	82,7%	79,7%	71,2%	V13TEAAC#60Cu10p1200
12-pole										
600	8400S	AF	Oil self-cooled	93,3%	93,4%	92,5%	74,4%	67,9%	55,6%	V13TEAAC#60Cu12p600
700	8400L	AF	Oil self-cooled	93,5%	93,6%	92,8%	75,1%	68,9%	57,0%	V13TEAAC#60Cu12p700
800	8400L	AF	Oil self-cooled	93,7%	93,9%	93,1%	75,8%	70,0%	58,3%	V13TEAAC#60Cu12p800
900	8400L	AF	Oil self-cooled	93,9%	94,1%	93,5%	76,5%	71,0%	59,7%	V13TEAAC#60Cu12p900

IEC vertical copper cage

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Vz IC 01 or IC 81W cooling method										
4-pole										
1400	450S	AF	Oil self-cooled	96,2%	95,7%	95,5%	85,5%	82,4%	76,0%	V04WPII##50Cu04p1877
1491	450S	AF	Oil self-cooled	96,2%	95,8%	95,6%	85,8%	82,8%	76,7%	V04WPII##50Cu04p2000
1678	450L	AF	Oil self-cooled	96,3%	95,9%	95,7%	86,4%	83,6%	78,0%	V04WPII##50Cu04p2250
1864	450L	AF	Oil self-cooled	96,3%	96,0%	95,8%	86,9%	84,5%	79,3%	V04WPII##50Cu04p2500
2100	450L	AF	Oil self-cooled	96,4%	96,1%	96,0%	87,7%	85,5%	81,0%	V04WPII##50Cu04p2816
2200	500S	AF	Oil self-cooled	96,6%	96,0%	95,4%	85,1%	81,2%	73,9%	V04WPII##50Cu04p2950
2237	500L	AF	Oil self-cooled	96,6%	96,0%	95,4%	85,1%	81,3%	74,1%	V04WPII##50Cu04p3000
2610	500L	AF	Oil self-cooled	96,7%	96,1%	95,7%	85,7%	82,4%	76,0%	V04WPII##50Cu04p3500
2983	500L	AF	Oil self-cooled	96,8%	96,2%	95,9%	86,2%	83,4%	77,9%	V04WPII##50Cu04p4000
3250	500L	AF	Oil self-cooled	96,8%	96,3%	96,0%	86,6%	84,2%	79,2%	V04WPII##50Cu04p4358
6-pole										
1000	450S	AF	Oil self-cooled	95,4%	95,3%	95,1%	83,4%	81,5%	74,6%	V04WPII##50Cu06p1341
1119	450L	AF	Oil self-cooled	95,5%	95,3%	95,2%	82,8%	80,7%	73,5%	V04WPII##50Cu06p1500
1305	450L	AF	Oil self-cooled	95,6%	95,5%	95,3%	81,8%	79,4%	71,8%	V04WPII##50Cu06p1750
1491	450L	AF	Oil self-cooled	95,7%	95,6%	95,4%	80,8%	78,2%	70,0%	V04WPII##50Cu06p2000
1550	450L	AF	Oil self-cooled	95,8%	95,6%	95,4%	80,5%	77,8%	69,5%	V04WPII##50Cu06p2079
1800	500S	AF	Oil self-cooled	94,7%	96,0%	95,8%	83,7%	84,0%	78,5%	V04WPII##50Cu06p2414
1864	500S	AF	Oil self-cooled	94,7%	96,0%	95,8%	83,7%	84,1%	78,7%	V04WPII##50Cu06p2500
2237	500L	AF	Oil self-cooled	94,8%	96,2%	96,0%	83,8%	84,5%	79,6%	V04WPII##50Cu06p3000
2610	500L	AF	Oil self-cooled	94,9%	96,3%	96,2%	83,8%	84,9%	80,5%	V04WPII##50Cu06p3500
2700	500L	AF	Oil self-cooled	95,0%	96,4%	96,2%	83,8%	85,0%	80,7%	V04WPII##50Cu06p3621
8-pole										
710	450S	AF	Oil self-cooled	94,4%	94,7%	94,4%	78,8%	76,1%	67,0%	V04WPII##50Cu08p952
746	450S	AF	Oil self-cooled	94,4%	94,7%	94,4%	78,9%	76,2%	67,2%	V04WPII##50Cu08p1000
932	450L	AF	Oil self-cooled	94,5%	94,8%	94,6%	79,2%	77,0%	68,4%	V04WPII##50Cu08p1250
1119	450L	AF	Oil self-cooled	94,6%	95,0%	94,8%	79,6%	77,7%	69,6%	V04WPII##50Cu08p1500
1150	450L	AF	Oil self-cooled	94,7%	95,0%	94,9%	79,6%	77,8%	69,8%	V04WPII##50Cu08p1542
1250	500S	AF	Oil self-cooled	95,5%	95,6%	95,6%	83,3%	81,3%	74,4%	V04WPII##50Cu08p1676
1305	500S	AF	Oil self-cooled	95,6%	95,6%	95,6%	83,3%	81,3%	74,3%	V04WPII##50Cu08p1750
1491	500L	AF	Oil self-cooled	95,6%	95,7%	95,7%	83,3%	81,2%	74,1%	V04WPII##50Cu08p2000
1678	500L	AF	Oil self-cooled	95,7%	95,7%	95,7%	83,3%	81,1%	73,9%	V04WPII##50Cu08p2250
1800	500L	AF	Oil self-cooled	95,8%	95,7%	95,7%	83,3%	81,0%	73,8%	V04WPII##50Cu08p2414
10-pole										
500	450S	AF	Oil self-cooled	94,5%	94,1%	93,6%	78,1%	77,5%	68,6%	V04WPII##50Cu10p671
522	450S	AF	Oil self-cooled	94,5%	94,1%	93,7%	78,2%	77,6%	68,8%	V04WPII##50Cu10p700
597	450L	AF	Oil self-cooled	94,5%	94,2%	93,8%	78,4%	78,1%	69,4%	V04WPII##50Cu10p800
671	450L	AF	Oil self-cooled	94,6%	94,3%	93,9%	78,7%	78,5%	70,1%	V04WPII##50Cu10p900
746	450L	AF	Oil self-cooled	94,7%	94,4%	94,0%	78,9%	78,9%	70,7%	V04WPII##50Cu10p1000
780	450L	AF	Oil self-cooled	94,7%	94,4%	94,1%	79,0%	79,1%	71,0%	V04WPII##50Cu10p1046
900	500S	AF	Oil self-cooled	94,7%	95,2%	95,1%	80,8%	78,3%	70,2%	V04WPII##50Cu10p1207
932	500S	AF	Oil self-cooled	94,7%	95,2%	95,1%	80,8%	78,3%	70,1%	V04WPII##50Cu10p1250
1119	500L	AF	Oil self-cooled	94,8%	95,3%	95,1%	80,6%	78,0%	69,7%	V04WPII##50Cu10p1500
1305	500L	AF	Oil self-cooled	94,9%	95,4%	95,2%	80,4%	77,8%	69,3%	V04WPII##50Cu10p1750
1350	500L	AF	Oil self-cooled	95,0%	95,4%	95,2%	80,3%	77,7%	69,2%	V04WPII##50Cu10p1810

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 V _z IC 01 or IC 81W cooling method										
12-pole										
355	450S	AF	Oil self-cooled	93,5%	93,0%	92,0%	71,1%	66,4%	54,4%	V04WPII##50Cu12p476
373	450S	AF	Oil self-cooled	93,5%	93,0%	92,1%	71,3%	66,7%	54,9%	V04WPII##50Cu12p500
447	450L	AF	Oil self-cooled	93,7%	93,3%	92,4%	72,3%	68,2%	56,7%	V04WPII##50Cu12p600
522	450L	AF	Oil self-cooled	93,8%	93,5%	92,8%	73,2%	69,7%	58,6%	V04WPII##50Cu12p700
560	450L	AF	Oil self-cooled	93,9%	93,6%	93,0%	73,7%	70,4%	59,6%	V04WPII##50Cu12p751
630	500S	AF	Oil self-cooled	94,8%	94,7%	94,5%	77,7%	74,4%	65,2%	V04WPII##50Cu12p845
671	500S	AF	Oil self-cooled	94,8%	94,7%	94,5%	77,6%	74,3%	65,0%	V04WPII##50Cu12p900
746	500L	AF	Oil self-cooled	94,9%	94,7%	94,5%	77,5%	74,0%	64,6%	V04WPII##50Cu12p1000
932	500L	AF	Oil self-cooled	95,0%	94,8%	94,5%	77,1%	73,3%	63,6%	V04WPII##50Cu12p1250
970	500L	AF	Oil self-cooled	95,1%	94,8%	94,5%	77,0%	73,2%	63,4%	V04WPII##50Cu12p1301

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 V _z IC 01 or IC 81W cooling method										
4-pole										
1400	450S	AF	Oil self-cooled	96,1%	95,6%	95,2%	85,0%	81,6%	74,7%	V06WPII##50Cu04p1877
1491	450S	AF	Oil self-cooled	96,1%	95,6%	95,3%	85,2%	82,1%	75,6%	V06WPII##50Cu04p2000
1678	450L	AF	Oil self-cooled	96,2%	95,8%	95,5%	85,8%	83,1%	77,4%	V06WPII##50Cu04p2250
1864	450L	AF	Oil self-cooled	96,3%	95,9%	95,8%	86,4%	84,2%	79,2%	V06WPII##50Cu04p2500
2100	450L	AF	Oil self-cooled	96,4%	96,1%	96,0%	87,2%	85,5%	81,5%	V06WPII##50Cu04p2816
2150	500S	AF	Oil self-cooled	96,8%	96,2%	95,8%	86,3%	82,7%	75,9%	V06WPII##50Cu04p2883
2237	500L	AF	Oil self-cooled	96,8%	96,2%	95,8%	86,3%	82,9%	76,2%	V06WPII##50Cu04p3000
2610	500L	AF	Oil self-cooled	96,8%	96,3%	96,0%	86,7%	83,5%	77,4%	V06WPII##50Cu04p3500
2983	500L	AF	Oil self-cooled	96,9%	96,4%	96,1%	87,0%	84,1%	78,6%	V06WPII##50Cu04p4000
3250	500L	AF	Oil self-cooled	96,9%	96,5%	96,3%	87,2%	84,6%	79,5%	V06WPII##50Cu04p4358
6-pole										
950	450S	AF	Oil self-cooled	95,2%	95,0%	94,7%	80,4%	77,1%	68,0%	V06WPII##50Cu06p1274
1119	450L	AF	Oil self-cooled	95,3%	95,0%	94,7%	80,3%	77,1%	68,1%	V06WPII##50Cu06p1500
1305	450L	AF	Oil self-cooled	95,4%	95,1%	94,8%	80,2%	77,1%	68,3%	V06WPII##50Cu06p1750
1491	450L	AF	Oil self-cooled	95,5%	95,2%	94,9%	80,1%	77,1%	68,4%	V06WPII##50Cu06p2000
1500	450L	AF	Oil self-cooled	95,5%	95,2%	94,9%	80,1%	77,1%	68,4%	V06WPII##50Cu06p2012
1600	500S	AF	Oil self-cooled	94,4%	95,8%	95,7%	83,5%	84,2%	79,1%	V06WPII##50Cu06p2146
1678	500S	AF	Oil self-cooled	94,5%	95,8%	95,7%	83,6%	84,3%	79,3%	V06WPII##50Cu06p2250
1864	500S	AF	Oil self-cooled	94,5%	95,9%	95,7%	83,7%	84,5%	79,7%	V06WPII##50Cu06p2500
2237	500L	AF	Oil self-cooled	94,7%	96,1%	95,9%	84,0%	84,9%	80,4%	V06WPII##50Cu06p3000
2450	500L	AF	Oil self-cooled	94,8%	96,2%	96,0%	84,1%	85,2%	80,9%	V06WPII##50Cu06p3285
8-pole										
630	450S	AF	Oil self-cooled	94,0%	94,6%	94,8%	80,3%	78,2%	70,0%	V06WPII##50Cu08p845
671	450S	AF	Oil self-cooled	94,0%	94,7%	94,8%	80,4%	78,3%	70,2%	V06WPII##50Cu08p900
746	450S	AF	Oil self-cooled	94,2%	94,7%	94,9%	80,6%	78,5%	70,5%	V06WPII##50Cu08p1000
932	450L	AF	Oil self-cooled	94,4%	95,0%	95,1%	80,9%	79,1%	71,3%	V06WPII##50Cu08p1250
1050	450L	AF	Oil self-cooled	94,6%	95,1%	95,3%	81,1%	79,4%	71,8%	V06WPII##50Cu08p1408
1120	500S	AF	Oil self-cooled	95,4%	95,4%	95,3%	82,9%	80,0%	71,9%	V06WPII##50Cu08p1502
1305	500L	AF	Oil self-cooled	95,5%	95,4%	95,3%	82,9%	80,0%	71,8%	V06WPII##50Cu08p1750
1491	500L	AF	Oil self-cooled	95,6%	95,5%	95,4%	82,9%	79,9%	71,8%	V06WPII##50Cu08p2000
1650	500L	AF	Oil self-cooled	95,7%	95,6%	95,4%	82,9%	79,9%	71,7%	V06WPII##50Cu08p2213
10-pole										
450	450S	AF	Oil self-cooled	94,2%	93,8%	93,3%	77,5%	75,9%	65,8%	V06WPII##50Cu10p603
522	450S	AF	Oil self-cooled	94,3%	94,0%	93,6%	77,1%	75,5%	65,4%	V06WPII##50Cu10p700
597	450L	AF	Oil self-cooled	94,4%	94,2%	93,9%	76,7%	75,1%	65,0%	V06WPII##50Cu10p800
671	450L	AF	Oil self-cooled	94,6%	94,4%	94,2%	76,3%	74,8%	64,7%	V06WPII##50Cu10p900
740	450L	AF	Oil self-cooled	94,7%	94,5%	94,4%	75,9%	74,4%	64,3%	V06WPII##50Cu10p992
800	500S	AF	Oil self-cooled	94,4%	94,9%	94,8%	80,5%	77,9%	69,6%	V06WPII##50Cu10p1073
932	500S	AF	Oil self-cooled	94,5%	95,1%	95,0%	80,9%	78,5%	70,5%	V06WPII##50Cu10p1250
1119	500L	AF	Oil self-cooled	94,7%	95,2%	95,2%	81,5%	79,3%	71,7%	V06WPII##50Cu10p1500
1250	500L	AF	Oil self-cooled	94,9%	95,4%	95,3%	81,8%	79,9%	72,5%	V06WPII##50Cu10p1676



Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 V _z IC 01 or IC 81W cooling method										
12-pole										
315	450S	AF	Oil self-cooled	93,4%	92,7%	91,4%	68,1%	61,8%	49,0%	V06WPII##50Cu12p422
336	450L	AF	Oil self-cooled	93,4%	92,7%	91,5%	68,4%	62,2%	49,5%	V06WPII##50Cu12p450
373	450L	AF	Oil self-cooled	93,5%	92,8%	91,7%	68,9%	63,0%	50,3%	V06WPII##50Cu12p500
447	450L	AF	Oil self-cooled	93,6%	93,1%	92,0%	69,9%	64,4%	52,0%	V06WPII##50Cu12p600
500	450L	AF	Oil self-cooled	93,6%	93,2%	92,3%	70,6%	65,5%	53,2%	V06WPII##50Cu12p671
560	500S	AF	Oil self-cooled	94,6%	94,4%	94,2%	76,3%	72,2%	62,1%	V06WPII##50Cu12p751
597	500S	AF	Oil self-cooled	94,6%	94,5%	94,2%	76,2%	72,1%	61,9%	V06WPII##50Cu12p800
671	500S	AF	Oil self-cooled	94,7%	94,5%	94,2%	76,0%	71,7%	61,5%	V06WPII##50Cu12p900
746	500L	AF	Oil self-cooled	94,8%	94,5%	94,2%	75,8%	71,4%	61,1%	V06WPII##50Cu12p1000
930	500L	AF	Oil self-cooled	95,0%	94,6%	94,2%	75,3%	70,7%	60,1%	V06WPII##50Cu12p1247

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 V _z IC 01 or IC 81W cooling method										
4-pole										
900	450S	AF	Oil self-cooled	95,5%	94,9%	94,5%	89,0%	85,9%	80,1%	V11WPII##50Cu04p1207
932	450S	AF	Oil self-cooled	95,5%	95,0%	94,6%	89,0%	85,9%	80,2%	V11WPII##50Cu04p1250
1119	450S	AF	Oil self-cooled	95,6%	95,1%	94,8%	88,9%	86,0%	80,6%	V11WPII##50Cu04p1500
1491	450L	AF	Oil self-cooled	95,9%	95,5%	95,3%	88,6%	86,2%	81,5%	V11WPII##50Cu04p2000
1600	450L	AF	Oil self-cooled	95,9%	95,6%	95,4%	88,5%	86,2%	81,7%	V11WPII##50Cu04p2146
1800	500L	AF	Oil self-cooled	96,4%	95,7%	95,1%	88,0%	84,8%	78,8%	V11WPII##50Cu04p2414
1864	500L	AF	Oil self-cooled	96,4%	95,7%	95,2%	88,0%	84,8%	78,9%	V11WPII##50Cu04p2500
2237	500L	AF	Oil self-cooled	96,3%	95,8%	95,3%	87,9%	85,1%	79,7%	V11WPII##50Cu04p3000
2400	500L	AF	Oil self-cooled	96,3%	95,8%	95,4%	87,8%	85,2%	80,0%	V11WPII##50Cu04p3218
6-pole										
630	450S	AF	Oil self-cooled	94,9%	94,3%	93,6%	81,2%	76,9%	66,9%	V11WPII##50Cu06p845
671	450L	AF	Oil self-cooled	94,9%	94,3%	93,7%	81,0%	76,8%	66,8%	V11WPII##50Cu06p900
746	450L	AF	Oil self-cooled	94,9%	94,4%	93,8%	80,7%	76,6%	66,8%	V11WPII##50Cu06p1000
932	450L	AF	Oil self-cooled	94,9%	94,6%	94,1%	80,0%	76,1%	66,5%	V11WPII##50Cu06p1250
1100	450L	AF	Oil self-cooled	95,0%	94,7%	94,4%	79,3%	75,7%	66,3%	V11WPII##50Cu06p1475
1250	500S	AF	Oil self-cooled	93,9%	95,2%	94,9%	83,6%	83,5%	77,3%	V11WPII##50Cu06p1676
1305	500S	AF	Oil self-cooled	93,9%	95,2%	94,9%	83,7%	83,5%	77,3%	V11WPII##50Cu06p1750
1491	500S	AF	Oil self-cooled	94,0%	95,3%	95,0%	83,9%	83,7%	77,4%	V11WPII##50Cu06p2000
1678	500L	AF	Oil self-cooled	94,2%	95,4%	95,1%	84,0%	83,8%	77,6%	V11WPII##50Cu06p2250
1750	500L	AF	Oil self-cooled	94,2%	95,5%	95,2%	84,1%	83,9%	77,6%	V11WPII##50Cu06p2347
8-pole										
710	500S	AF	Oil self-cooled	94,0%	94,3%	94,4%	85,5%	83,5%	76,9%	V11WPII##50Cu08p952
746	500S	AF	Oil self-cooled	94,1%	94,3%	94,4%	85,4%	83,4%	76,7%	V11WPII##50Cu08p1000
932	500S	AF	Oil self-cooled	94,4%	94,5%	94,5%	85,2%	82,7%	75,5%	V11WPII##50Cu08p1250
1119	500L	AF	Oil self-cooled	94,6%	94,6%	94,6%	84,9%	82,1%	74,3%	V11WPII##50Cu08p1500
1250	500L	AF	Oil self-cooled	94,8%	94,7%	94,6%	84,7%	81,6%	73,4%	V11WPII##50Cu08p1676
10-pole										
560	500S	AF	Oil self-cooled	93,7%	94,1%	93,6%	79,6%	75,2%	64,7%	V11WPII##50Cu10p751
597	500S	AF	Oil self-cooled	93,8%	94,2%	93,7%	79,7%	75,2%	64,7%	V11WPII##50Cu10p800
671	500S	AF	Oil self-cooled	93,9%	94,3%	93,8%	79,7%	75,3%	64,8%	V11WPII##50Cu10p900
746	500L	AF	Oil self-cooled	94,1%	94,4%	93,8%	79,8%	75,3%	64,8%	V11WPII##50Cu10p1000
850	500L	AF	Oil self-cooled	94,3%	94,5%	94,0%	79,8%	75,4%	64,9%	V11WPII##50Cu10p1140
12-pole										
400	500S	AF	Oil self-cooled	93,7%	93,3%	92,5%	73,7%	67,2%	55,0%	V11WPII##50Cu12p536
447	500S	AF	Oil self-cooled	93,9%	93,5%	92,7%	74,3%	68,1%	56,1%	V11WPII##50Cu12p600
522	500L	AF	Oil self-cooled	94,2%	93,8%	93,1%	75,2%	69,4%	57,8%	V11WPII##50Cu12p700
630	500L	AF	Oil self-cooled	94,6%	94,2%	93,7%	76,6%	71,4%	60,2%	V11WPII##50Cu12p845



Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 V _z IC 611 cooling method										
4-pole										
1250	450S	AF	Oil self-cooled	95,7%	94,8%	94,0%	85,6%	81,6%	74,2%	V04TEAAC#50Cu04p1676
1305	450S	AF	Oil self-cooled	95,7%	94,9%	94,1%	85,9%	82,1%	75,0%	V04TEAAC#50Cu04p1750
1491	450L	AF	Oil self-cooled	95,9%	95,1%	94,5%	86,9%	83,7%	77,7%	V04TEAAC#50Cu04p2000
1678	450L	AF	Oil self-cooled	96,0%	95,4%	94,8%	88,0%	85,4%	80,4%	V04TEAAC#50Cu04p2250
1750	450L	AF	Oil self-cooled	96,1%	95,5%	95,0%	88,4%	86,0%	81,4%	V04TEAAC#50Cu04p2347
1800	500S	AF	Oil self-cooled	96,2%	95,4%	94,5%	86,3%	82,4%	75,2%	V04TEAAC#50Cu04p2414
1864	500S	AF	Oil self-cooled	96,2%	95,4%	94,6%	86,3%	82,5%	75,5%	V04TEAAC#50Cu04p2500
2237	500L	AF	Oil self-cooled	96,4%	95,7%	95,0%	86,7%	83,4%	77,0%	V04TEAAC#50Cu04p3000
2610	500L	AF	Oil self-cooled	96,7%	96,0%	95,4%	87,1%	84,2%	78,6%	V04TEAAC#50Cu04p3500
2750	500L	AF	Oil self-cooled	96,7%	96,1%	95,6%	87,2%	84,5%	79,2%	V04TEAAC#50Cu04p3688
6-pole										
900	450S	AF	Oil self-cooled	95,2%	94,9%	94,4%	83,2%	81,2%	74,2%	V04TEAAC#50Cu06p1207
932	450L	AF	Oil self-cooled	95,3%	94,9%	94,5%	83,2%	81,2%	74,2%	V04TEAAC#50Cu06p1250
1119	450L	AF	Oil self-cooled	95,4%	95,1%	94,8%	82,9%	81,2%	74,5%	V04TEAAC#50Cu06p1500
1305	450L	AF	Oil self-cooled	95,6%	95,4%	95,1%	82,7%	81,2%	74,8%	V04TEAAC#50Cu06p1750
1400	450L	AF	Oil self-cooled	95,7%	95,5%	95,3%	82,6%	81,2%	74,9%	V04TEAAC#50Cu06p1878
1491	500S	AF	Oil self-cooled	94,4%	95,3%	94,7%	83,2%	82,8%	76,4%	V04TEAAC#50Cu06p2000
1500	500S	AF	Oil self-cooled	94,4%	95,4%	94,7%	83,2%	82,8%	76,4%	V04TEAAC#50Cu06p2012
1678	500S	AF	Oil self-cooled	94,5%	95,5%	94,9%	83,3%	82,9%	76,6%	V04TEAAC#50Cu06p2250
1864	500L	AF	Oil self-cooled	94,6%	95,7%	95,1%	83,4%	83,0%	76,7%	V04TEAAC#50Cu06p2500
2237	500L	AF	Oil self-cooled	94,9%	96,0%	95,5%	83,6%	83,3%	77,1%	V04TEAAC#50Cu06p3000
2250	500L	AF	Oil self-cooled	94,9%	96,0%	95,5%	83,6%	83,3%	77,1%	V04TEAAC#50Cu06p3017
8-pole										
710	450S	AF	Oil self-cooled	94,2%	94,3%	93,9%	81,9%	80,1%	72,5%	V04TEAAC#50Cu08p952
746	450L	AF	Oil self-cooled	94,2%	94,4%	94,0%	81,9%	80,1%	72,5%	V04TEAAC#50Cu08p1000
932	450L	AF	Oil self-cooled	94,6%	94,8%	94,4%	81,5%	80,0%	72,7%	V04TEAAC#50Cu08p1250
1000	450L	AF	Oil self-cooled	94,7%	94,9%	94,6%	81,4%	80,0%	72,8%	V04TEAAC#50Cu08p1341
1120	500S	AF	Oil self-cooled	95,7%	95,7%	95,7%	84,6%	83,0%	76,8%	V04TEAAC#50Cu08p1502
1305	500L	AF	Oil self-cooled	95,7%	95,8%	95,8%	84,6%	83,0%	76,7%	V04TEAAC#50Cu08p1750
1491	500L	AF	Oil self-cooled	95,8%	95,8%	95,8%	84,6%	82,9%	76,6%	V04TEAAC#50Cu08p2000
1500	500L	AF	Oil self-cooled	95,8%	95,8%	95,8%	84,6%	82,9%	76,6%	V04TEAAC#50Cu08p2012
10-pole										
450	450S	AF	Oil self-cooled	94,4%	93,9%	93,3%	77,3%	75,7%	65,6%	V04TEAAC#50Cu10p603
522	450L	AF	Oil self-cooled	94,5%	94,1%	93,5%	77,7%	76,4%	66,7%	V04TEAAC#50Cu10p700
597	450L	AF	Oil self-cooled	94,6%	94,2%	93,7%	78,1%	77,2%	67,9%	V04TEAAC#50Cu10p800
671	450L	AF	Oil self-cooled	94,7%	94,3%	93,9%	78,5%	77,9%	69,1%	V04TEAAC#50Cu10p900
710	450L	AF	Oil self-cooled	94,8%	94,4%	94,0%	78,7%	78,3%	69,7%	V04TEAAC#50Cu10p952
800	500S	AF	Oil self-cooled	94,8%	95,3%	95,2%	81,7%	79,5%	71,7%	V04TEAAC#50Cu10p1073
932	500L	AF	Oil self-cooled	94,9%	95,4%	95,3%	81,8%	79,6%	71,8%	V04TEAAC#50Cu10p1250
1119	500L	AF	Oil self-cooled	95,0%	95,5%	95,4%	81,9%	79,7%	71,9%	V04TEAAC#50Cu10p1500
1150	500L	AF	Oil self-cooled	95,1%	95,5%	95,4%	81,9%	79,7%	71,9%	V04TEAAC#50Cu10p1542

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 V _z IC 611 cooling method										
12-pole										
315	450S	AF	Oil self-cooled	93,3%	92,9%	92,1%	72,7%	68,6%	57,2%	V04TEAAC#50Cu12p422
336	450S	AF	Oil self-cooled	93,3%	93,0%	92,2%	72,7%	68,6%	57,3%	V04TEAAC#50Cu12p450
373	450S	AF	Oil self-cooled	93,5%	93,1%	92,3%	72,8%	68,7%	57,4%	V04TEAAC#50Cu12p500
447	450L	AF	Oil self-cooled	93,7%	93,3%	92,6%	72,9%	68,9%	57,6%	V04TEAAC#50Cu12p600
522	450L	AF	Oil self-cooled	93,9%	93,6%	92,8%	73,0%	69,1%	57,8%	V04TEAAC#50Cu12p700
530	450L	AF	Oil self-cooled	93,9%	93,6%	92,8%	73,0%	69,1%	57,8%	V04TEAAC#50Cu12p711
560	500S	AF	Oil self-cooled	94,8%	94,8%	94,7%	78,5%	75,3%	66,3%	V04TEAAC#50Cu12p751
597	500S	AF	Oil self-cooled	94,8%	94,8%	94,7%	78,5%	75,3%	66,3%	V04TEAAC#50Cu12p800
671	500L	AF	Oil self-cooled	94,9%	94,9%	94,7%	78,5%	75,4%	66,4%	V04TEAAC#50Cu12p900
746	500L	AF	Oil self-cooled	95,0%	94,9%	94,8%	78,6%	75,4%	66,5%	V04TEAAC#50Cu12p1000
850	500L	AF	Oil self-cooled	95,1%	95,0%	94,9%	78,6%	75,5%	66,6%	V04TEAAC#50Cu12p1140



Power HP	GEV Frame	Bearing	Lubrication System	Efficiency	Efficiency	Efficiency	PF	PF	PF	Model
				100% Load	75% Load	50% Load	100% Load	75% Load	50% Load	
6.0 - 6.9 kV 50 V_z IC 611 cooling method										
4-pole										
1120	450S	AF	Oil self-cooled	95,5%	94,6%	93,6%	86,4%	82,6%	75,5%	V06TEAAC#50Cu04p1502
1305	450S	AF	Oil self-cooled	95,7%	94,9%	94,1%	86,8%	83,6%	77,3%	V06TEAAC#50Cu04p1750
1491	450L	AF	Oil self-cooled	95,9%	95,2%	94,5%	87,3%	84,6%	79,2%	V06TEAAC#50Cu04p2000
1678	450L	AF	Oil self-cooled	96,1%	95,5%	95,0%	87,8%	85,6%	81,1%	V06TEAAC#50Cu04p2250
1720	450L	AF	Oil self-cooled	96,1%	95,5%	95,1%	87,9%	85,8%	81,5%	V06TEAAC#50Cu04p2307
1800	500S	AF	Oil self-cooled	96,3%	95,5%	94,8%	86,2%	82,7%	76,0%	V06TEAAC#50Cu04p2414
1864	500S	AF	Oil self-cooled	96,3%	95,5%	94,8%	86,3%	83,0%	76,4%	V06TEAAC#50Cu04p2500
2237	500L	AF	Oil self-cooled	96,5%	95,9%	95,3%	87,3%	84,5%	79,1%	V06TEAAC#50Cu04p3000
2610	500L	AF	Oil self-cooled	96,7%	96,2%	95,7%	88,2%	86,0%	81,7%	V06TEAAC#50Cu04p3500
2700	500L	AF	Oil self-cooled	96,8%	96,2%	95,9%	88,4%	86,4%	82,3%	V06TEAAC#50Cu04p3621
6-pole										
800	450S	AF	Oil self-cooled	95,0%	94,4%	93,6%	78,7%	73,9%	63,2%	V06TEAAC#50Cu06p1073
932	450S	AF	Oil self-cooled	95,2%	94,7%	94,0%	79,9%	75,9%	66,2%	V06TEAAC#50Cu06p1250
1119	450L	AF	Oil self-cooled	95,4%	95,0%	94,6%	81,5%	78,6%	70,5%	V06TEAAC#50Cu06p1500
1301	450L	AF	Oil self-cooled	95,6%	95,4%	95,2%	83,1%	81,3%	74,6%	V06TEAAC#50Cu06p1744
1400	500S	AF	Oil self-cooled	94,2%	95,2%	94,5%	83,6%	83,6%	77,7%	V06TEAAC#50Cu06p1877
1491	500S	AF	Oil self-cooled	94,3%	95,3%	94,7%	83,8%	83,8%	78,0%	V06TEAAC#50Cu06p2000
1678	500L	AF	Oil self-cooled	94,5%	95,5%	94,9%	84,0%	84,2%	78,6%	V06TEAAC#50Cu06p2250
1864	500L	AF	Oil self-cooled	94,6%	95,7%	95,1%	84,3%	84,6%	79,2%	V06TEAAC#50Cu06p2500
2050	500L	AF	Oil self-cooled	94,7%	95,9%	95,4%	84,6%	85,0%	78,8%	V06TEAAC#50Cu06p2749
8-pole										
630	450S	AF	Oil self-cooled	94,1%	94,4%	94,1%	79,7%	76,8%	67,7%	V06TEAAC#50Cu08p845
671	450S	AF	Oil self-cooled	94,2%	94,5%	94,2%	79,9%	77,0%	68,0%	V06TEAAC#50Cu08p900
746	450L	AF	Oil self-cooled	94,3%	94,6%	94,4%	80,2%	77,4%	68,4%	V06TEAAC#50Cu08p1000
900	450L	AF	Oil self-cooled	94,6%	94,9%	94,7%	80,7%	78,1%	69,4%	V06TEAAC#50Cu08p1207
1000	500S	AF	Oil self-cooled	95,4%	95,5%	95,5%	84,4%	82,2%	75,3%	V06TEAAC#50Cu08p1341
1119	500L	AF	Oil self-cooled	95,5%	95,5%	95,5%	84,2%	81,7%	74,4%	V06TEAAC#50Cu08p1500
1305	500L	AF	Oil self-cooled	95,7%	95,6%	95,4%	83,9%	81,0%	73,1%	V06TEAAC#50Cu08p1750
1400	500L	AF	Oil self-cooled	95,7%	95,6%	95,4%	83,7%	80,6%	72,4%	V06TEAAC#50Cu08p1877
10-pole										
400	450S	AF	Oil self-cooled	94,3%	93,7%	93,0%	76,0%	73,4%	62,1%	V06TEAAC#50Cu10p536
447	450S	AF	Oil self-cooled	94,3%	93,8%	93,2%	76,7%	74,5%	63,8%	V06TEAAC#50Cu10p600
522	450L	AF	Oil self-cooled	94,4%	94,0%	93,5%	77,7%	76,3%	66,5%	V06TEAAC#50Cu10p700
597	450L	AF	Oil self-cooled	94,5%	94,2%	93,8%	78,8%	78,1%	69,3%	V06TEAAC#50Cu10p800
650	450L	AF	Oil self-cooled	94,5%	94,3%	94,1%	79,5%	79,4%	71,2%	V06TEAAC#50Cu10p872
710	500S	AF	Oil self-cooled	94,6%	95,2%	95,2%	82,6%	80,7%	73,5%	V06TEAAC#50Cu10p952
746	500S	AF	Oil self-cooled	94,6%	95,2%	95,2%	82,7%	80,8%	73,7%	V06TEAAC#50Cu10p1000
932	500L	AF	Oil self-cooled	94,7%	95,4%	95,4%	82,9%	81,4%	74,9%	V06TEAAC#50Cu10p1250
1100	500L	AF	Oil self-cooled	94,8%	95,5%	95,5%	83,1%	82,0%	75,9%	V06TEAAC#50Cu10p1475
12-pole										
280	450S	AF	Oil self-cooled	93,3%	92,4%	90,8%	65,2%	58,2%	45,1%	V06TEAAC#50Cu12p375
298	450L	AF	Oil self-cooled	93,3%	92,5%	91,0%	66,0%	59,2%	46,2%	V06TEAAC#50Cu12p400
336	450L	AF	Oil self-cooled	93,4%	92,7%	91,4%	67,5%	61,3%	48,5%	V06TEAAC#50Cu12p450
373	450L	AF	Oil self-cooled	93,5%	92,9%	91,8%	69,0%	63,3%	50,7%	V06TEAAC#50Cu12p500
450	450L	AF	Oil self-cooled	93,7%	93,4%	92,6%	72,2%	67,5%	55,4%	V06TEAAC#50Cu12p603
500	500S	AF	Oil self-cooled	94,7%	94,4%	93,9%	75,0%	69,9%	58,7%	V06TEAAC#50Cu12p671
522	500S	AF	Oil self-cooled	94,7%	94,4%	93,9%	75,1%	70,0%	58,8%	V06TEAAC#50Cu12p700
597	500S	AF	Oil self-cooled	94,8%	94,5%	94,0%	75,3%	70,3%	59,3%	V06TEAAC#50Cu12p800
671	500L	AF	Oil self-cooled	94,9%	94,6%	94,1%	75,6%	70,7%	59,7%	V06TEAAC#50Cu12p900
746	500L	AF	Oil self-cooled	95,0%	94,7%	94,3%	75,8%	71,0%	60,2%	V06TEAAC#50Cu12p1000
800	500L	AF	Oil self-cooled	95,1%	94,8%	94,3%	76,0%	71,3%	60,5%	V06TEAAC#50Cu12p1073

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency	Efficiency	Efficiency	PF	PF	PF	Model
				100% Load	75% Load	50% Load	100% Load	75% Load	50% Load	
11 kV 50 V_z IC 611 cooling metVod										
4-pole										
900	450S	AF	Oil self-cooled	94,6%	93,4%	92,0%	83,8%	78,8%	69,9%	V11TEAAC#50Cu04p1207
932	450S	AF	Oil self-cooled	94,7%	93,5%	92,2%	84,0%	79,2%	70,5%	V11TEAAC#50Cu04p1250
1119	450L	AF	Oil self-cooled	95,0%	94,0%	93,0%	85,3%	81,4%	74,3%	V11TEAAC#50Cu04p1500
1305	450L	AF	Oil self-cooled	95,4%	94,6%	93,8%	86,5%	83,7%	78,0%	V11TEAAC#50Cu04p1750
1400	450L	AF	Oil self-cooled	95,6%	94,9%	94,3%	87,1%	84,8%	79,9%	V11TEAAC#50Cu04p1878
1600	500S	AF	Oil self-cooled	95,8%	94,9%	94,0%	86,5%	82,6%	75,6%	V11TEAAC#50Cu04p2146
1678	500S	AF	Oil self-cooled	95,8%	95,0%	94,1%	86,5%	82,8%	75,9%	V11TEAAC#50Cu04p2250
1864	500L	AF	Oil self-cooled	96,0%	95,2%	94,4%	86,7%	83,2%	76,6%	V11TEAAC#50Cu04p2500
2100	500L	AF	Oil self-cooled	96,2%	95,4%	94,7%	86,9%	83,7%	77,5%	V11TEAAC#50Cu04p2816
6-pole										
533	450S	AF	Oil self-cooled	94,4%	93,6%	92,6%	83,3%	79,9%	71,1%	V11TEAAC#50Cu06p715
597	450L	AF	Oil self-cooled	94,5%	93,7%	92,8%	83,0%	79,6%	70,8%	V11TEAAC#50Cu06p800
671	450L	AF	Oil self-cooled	94,5%	93,8%	92,9%	82,8%	79,2%	70,4%	V11TEAAC#50Cu06p900
746	450L	AF	Oil self-cooled	94,6%	93,9%	93,1%	82,3%	78,9%	70,0%	V11TEAAC#50Cu06p1000
932	450L	AF	Oil self-cooled	94,7%	94,2%	93,5%	81,4%	77,9%	69,0%	V11TEAAC#50Cu06p1250
1000	450L	AF	Oil self-cooled	94,8%	94,3%	93,7%	81,1%	77,6%	68,6%	V11TEAAC#50Cu06p1341
1120	500S	AF	Oil self-cooled	93,5%	94,4%	93,5%	83,1%	82,3%	75,1%	V11TEAAC#50Cu06p1502
1305	500S	AF	Oil self-cooled	93,7%	94,7%	94,0%	83,8%	83,3%	76,6%	V11TEAAC#50Cu06p1750
1500	500L	AF	Oil self-cooled	93,9%	95,0%	94,4%	84,6%	84,3%	78,1%	V11TEAAC#50Cu06p2012
8-pole										
630	500S	AF	Oil self-cooled	94,4%	94,6%	94,6%	85,5%	83,3%	76,4%	V11TEAAC#50Cu08p845
671	500S	AF	Oil self-cooled	94,4%	94,6%	94,6%	85,5%	83,3%	76,4%	V11TEAAC#50Cu08p900
746	500S	AF	Oil self-cooled	94,5%	94,7%	94,7%	85,5%	83,3%	76,4%	V11TEAAC#50Cu08p1000
932	500L	AF	Oil self-cooled	94,8%	94,9%	94,9%	85,6%	83,3%	76,3%	V11TEAAC#50Cu08p1250
1100	500L	AF	Oil self-cooled	95,0%	95,0%	95,0%	85,6%	83,3%	76,3%	V11TEAAC#50Cu08p1475
10-pole										
530	500S	AF	Oil self-cooled	94,0%	94,5%	94,1%	82,3%	79,2%	70,3%	V11TEAAC#50Cu10p711
597	500L	AF	Oil self-cooled	94,1%	94,6%	94,2%	81,9%	78,5%	69,4%	V11TEAAC#50Cu10p800
671	500L	AF	Oil self-cooled	94,3%	94,7%	94,3%	81,4%	77,8%	68,3%	V11TEAAC#50Cu10p900
746	500L	AF	Oil self-cooled	94,5%	94,8%	94,3%	81,0%	77,0%	67,2%	V11TEAAC#50Cu10p1000
770	500L	AF	Oil self-cooled	94,6%	94,9%	94,4%	80,8%	76,8%	66,9%	V11TEAAC#50Cu10p1033
12-pole										
355	500S	AF	Oil self-cooled	93,7%	93,0%	91,9%	71,2%	63,8%	51,0%	V11TEAAC#50Cu12p476
373	500S	AF	Oil self-cooled	93,8%	93,1%	92,0%	71,5%	64,2%	51,5%	V11TEAAC#50Cu12p500
447	500L	AF	Oil self-cooled	94,1%	93,5%	92,5%	72,8%	66,0%	53,5%	V11TEAAC#50Cu12p600
522	500L	AF	Oil self-cooled	94,4%	93,9%	93,1%	74,1%	67,7%	55,5%	V11TEAAC#50Cu12p700
560	500L	AF	Oil self-cooled	94,6%	94,1%	93,3%	74,8%	68,6%	56,5%	V11TEAAC#50Cu12p751

NEMA vertical aluminium cage

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Vz WP-II or TEWAC enclosure										
4-pole										
2250	8300S	AF	Oil self-cooled	95,5%	95,6%	95,6%	85,4%	81,4%	74,1%	V04WPII##60AI04p2250
2500	8300S	AF	Oil self-cooled	95,6%	95,8%	95,7%	85,8%	82,0%	74,9%	V04WPII##60AI04p2500
3000	8300L	AF	Oil self-cooled	95,9%	96,0%	95,9%	86,7%	83,1%	76,6%	V04WPII##60AI04p3000
3200	8300L	AF	Oil self-cooled	96,1%	96,1%	95,9%	87,1%	83,6%	77,3%	V04WPII##60AI04p3200
3900	8400S	AF	Oil self-cooled	96,3%	96,2%	96,0%	86,3%	82,5%	75,7%	V04WPII##60AI04p3900
4500	8400L	AF	Oil self-cooled	96,4%	96,3%	96,1%	87,1%	83,4%	76,8%	V04WPII##60AI04p4500
4800	8400L	AF	Oil self-cooled	96,4%	96,4%	96,1%	87,5%	83,9%	77,3%	V04WPII##60AI04p4800
6-pole										
1500	8300S	AF	Oil self-cooled	94,8%	95,3%	95,3%	81,9%	78,8%	70,4%	V04WPII##60AI06p1500
1750	8300L	AF	Oil self-cooled	94,9%	95,4%	95,4%	81,7%	78,4%	69,8%	V04WPII##60AI06p1750
2000	8300L	AF	Oil self-cooled	95,0%	95,4%	95,4%	81,6%	78,0%	69,1%	V04WPII##60AI06p2000
2250	8300L	AF	Oil self-cooled	95,1%	95,5%	95,4%	81,4%	77,6%	68,5%	V04WPII##60AI06p2250
2250	8300L	AF	Oil self-cooled	95,1%	95,5%	95,4%	81,4%	77,6%	68,5%	V04WPII##60AI06p2250
3000	8400L	AF	Oil self-cooled	94,1%	96,1%	96,0%	84,2%	83,9%	77,9%	V04WPII##60AI06p3000
3500	8400L	AF	Oil self-cooled	94,2%	96,1%	96,0%	84,8%	84,1%	77,5%	V04WPII##60AI06p3500
3600	8400L	AF	Oil self-cooled	94,2%	96,1%	95,9%	84,9%	84,1%	77,4%	V04WPII##60AI06p3600
8-pole										
1050	8300S	AF	Oil self-cooled	93,6%	94,8%	94,8%	80,8%	78,1%	69,5%	V04WPII##60AI08p1050
1250	8300L	AF	Oil self-cooled	93,8%	94,9%	95,0%	80,1%	77,2%	68,3%	V04WPII##60AI08p1250
1500	8300L	AF	Oil self-cooled	94,0%	95,1%	95,1%	79,3%	76,1%	66,9%	V04WPII##60AI08p1500
1600	8300L	AF	Oil self-cooled	94,1%	95,1%	95,2%	78,9%	75,6%	66,3%	V04WPII##60AI08p1600
1650	8300L	AF	Oil self-cooled	94,1%	95,2%	95,2%	78,7%	75,4%	66,0%	V04WPII##60AI08p1650
2000	8400S	AF	Oil self-cooled	94,9%	95,6%	95,7%	83,2%	80,9%	73,7%	V04WPII##60AI08p2000
2250	8400L	AF	Oil self-cooled	95,0%	95,7%	95,8%	83,5%	81,2%	74,1%	V04WPII##60AI08p2250
2500	8400L	AF	Oil self-cooled	95,2%	95,9%	95,9%	83,7%	81,5%	74,5%	V04WPII##60AI08p2500
2800	8400L	AF	Oil self-cooled	95,4%	96,0%	96,0%	84,0%	81,8%	75,0%	V04WPII##60AI08p2800
10-pole										
800	8300S	AF	Oil self-cooled	93,7%	94,1%	93,8%	75,8%	73,5%	63,0%	V04WPII##60AI10p800
900	8300L	AF	Oil self-cooled	93,8%	94,3%	94,0%	76,4%	74,5%	64,4%	V04WPII##60AI10p900
1000	8300L	AF	Oil self-cooled	94,0%	94,5%	94,3%	77,0%	75,4%	65,7%	V04WPII##60AI10p1000
1150	8300L	AF	Oil self-cooled	94,2%	94,7%	94,7%	78,0%	76,9%	67,8%	V04WPII##60AI10p1150
1500	8400S	AF	Oil self-cooled	93,9%	95,1%	95,1%	79,9%	77,0%	68,6%	V04WPII##60AI10p1500
1750	8400L	AF	Oil self-cooled	94,1%	95,2%	95,1%	79,7%	76,5%	67,7%	V04WPII##60AI10p1750
2000	8400L	AF	Oil self-cooled	94,2%	95,3%	95,1%	79,5%	76,0%	66,7%	V04WPII##60AI10p2000
2000	8400L	AF	Oil self-cooled	94,2%	95,3%	95,1%	79,5%	76,0%	66,7%	V04WPII##60AI10p2000
12-pole										
550	8300S	AF	Oil self-cooled	92,5%	93,5%	93,3%	74,2%	71,1%	60,7%	V04WPII##60AI12p550
600	8300S	AF	Oil self-cooled	92,7%	93,5%	93,3%	73,9%	70,5%	59,9%	V04WPII##60AI12p600
700	8300L	AF	Oil self-cooled	92,9%	93,7%	93,3%	73,1%	69,2%	58,2%	V04WPII##60AI12p700
800	8300L	AF	Oil self-cooled	93,1%	93,8%	93,4%	72,3%	67,9%	56,5%	V04WPII##60AI12p800
800	8300L	AF	Oil self-cooled	93,1%	93,8%	93,4%	72,3%	67,9%	56,5%	V04WPII##60AI12p800
1000	8400S	AF	Oil self-cooled	94,3%	94,7%	94,5%	75,6%	71,2%	61,1%	V04WPII##60AI12p1000
1250	8400L	AF	Oil self-cooled	94,4%	94,8%	94,4%	74,7%	69,9%	59,3%	V04WPII##60AI12p1250
1500	8400L	AF	Oil self-cooled	94,5%	94,8%	94,4%	73,7%	68,5%	57,5%	V04WPII##60AI12p1500
1500	8400L	AF	Oil self-cooled	94,5%	94,8%	94,4%	73,7%	68,5%	57,5%	V04WPII##60AI12p1500

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 Vz WP-II or TEWAC enclosure										
4-pole										
2150	8300S	AF	Oil self-cooled	95,5%	95,5%	95,2%	86,2%	81,8%	74,1%	V06WPII##60AI04p2150
2500	8300L	AF	Oil self-cooled	95,8%	95,8%	95,5%	86,5%	82,2%	74,7%	V06WPII##60AI04p2500
2800	8300L	AF	Oil self-cooled	96,1%	96,0%	95,7%	86,8%	82,6%	75,2%	V06WPII##60AI04p2800
3500	8400S	AF	Oil self-cooled	96,2%	96,0%	95,6%	85,1%	80,1%	71,4%	V06WPII##60AI04p3500
4000	8400L	AF	Oil self-cooled	96,2%	96,1%	95,7%	86,1%	81,6%	73,8%	V06WPII##60AI04p4000
4500	8400L	AF	Oil self-cooled	96,2%	96,1%	95,8%	87,1%	83,1%	76,1%	V06WPII##60AI04p4500
4600	8400L	AF	Oil self-cooled	96,2%	96,1%	95,8%	87,3%	83,4%	76,6%	V06WPII##60AI04p4600
6-pole										
1500	8300S	AF	Oil self-cooled	94,6%	95,1%	95,1%	81,6%	78,4%	69,9%	V06WPII##60AI06p1500
1750	8300L	AF	Oil self-cooled	94,7%	95,1%	95,0%	81,2%	77,6%	68,5%	V06WPII##60AI06p1750
2000	8300L	AF	Oil self-cooled	94,8%	95,2%	94,9%	80,8%	76,7%	67,1%	V06WPII##60AI06p2000
2000	8300L	AF	Oil self-cooled	94,8%	95,2%	94,9%	80,8%	76,7%	67,1%	V06WPII##60AI06p2000
2500	8400S	AF	Oil self-cooled	94,0%	96,1%	96,1%	84,6%	84,5%	78,8%	V06WPII##60AI06p2500
3000	8400L	AF	Oil self-cooled	94,2%	96,2%	96,2%	84,4%	84,1%	78,2%	V06WPII##60AI06p3000
3600	8400L	AF	Oil self-cooled	94,3%	96,3%	96,3%	84,2%	83,7%	77,5%	V06WPII##60AI06p3600
3600	8400L	AF	Oil self-cooled	94,3%	96,3%	96,3%	84,2%	83,7%	77,5%	V06WPII##60AI06p3600
8-pole										
950	8300S	AF	Oil self-cooled	93,4%	94,5%	94,6%	78,2%	74,7%	64,9%	V06WPII##60AI08p950
1250	8300L	AF	Oil self-cooled	93,6%	94,8%	94,9%	79,5%	76,6%	67,7%	V06WPII##60AI08p1250
1500	8300L	AF	Oil self-cooled	93,8%	95,0%	95,1%	80,6%	78,2%	70,0%	V06WPII##60AI08p1500
1550	8300L	AF	Oil self-cooled	93,9%	95,0%	95,2%	80,8%	78,5%	70,5%	V06WPII##60AI08p1550
1800	8400S	AF	Oil self-cooled	94,6%	95,5%	95,7%	84,6%	83,2%	77,5%	V06WPII##60AI08p1800
2000	8400S	AF	Oil self-cooled	94,8%	95,6%	95,7%	84,5%	82,8%	76,7%	V06WPII##60AI08p2000
2250	8400L	AF	Oil self-cooled	95,0%	95,7%	95,8%	84,3%	82,2%	75,6%	V06WPII##60AI08p2250
2500	8400L	AF	Oil self-cooled	95,2%	95,8%	95,8%	84,1%	81,6%	74,6%	V06WPII##60AI08p2500
2600	8400L	AF	Oil self-cooled	95,3%	95,9%	95,8%	84,0%	81,4%	74,2%	V06WPII##60AI08p2600
10-pole										
700	8300S	AF	Oil self-cooled	93,0%	93,8%	93,9%	79,3%	78,7%	70,3%	V06WPII##60AI10p700
800	8300L	AF	Oil self-cooled	93,2%	94,0%	94,0%	78,6%	77,6%	68,6%	V06WPII##60AI10p800
900	8300L	AF	Oil self-cooled	93,5%	94,2%	94,1%	78,0%	76,5%	67,0%	V06WPII##60AI10p900
1000	8300L	AF	Oil self-cooled	93,8%	94,3%	94,2%	77,3%	75,4%	65,3%	V06WPII##60AI10p1000
1050	8300L	AF	Oil self-cooled	94,0%	94,4%	94,3%	77,0%	74,8%	64,5%	V06WPII##60AI10p1050
1300	8400S	AF	Oil self-cooled	93,9%	95,0%	94,8%	79,9%	76,4%	67,3%	V06WPII##60AI10p1300
1500	8400L	AF	Oil self-cooled	94,0%	95,1%	94,8%	79,6%	75,9%	66,5%	V06WPII##60AI10p1500
1750	8400L	AF	Oil self-cooled	94,1%	95,2%	94,9%	79,2%	75,2%	65,4%	V06WPII##60AI10p1750
1800	8400L	AF	Oil self-cooled	94,2%	95,2%	94,9%	79,1%	75,1%	65,2%	V06WPII##60AI10p1800
12-pole										
500	8300S	AF	Oil self-cooled	92,6%	93,2%	92,6%	69,4%	63,9%	51,5%	V06WPII##60AI12p500
600	8300L	AF	Oil self-cooled	92,8%	93,4%	92,8%	69,6%	64,1%	51,7%	V06WPII##60AI12p600
700	8300L	AF	Oil self-cooled	93,0%	93,5%	93,0%	69,8%	64,2%	51,9%	V06WPII##60AI12p700
750	8300L	AF	Oil self-cooled	93,0%	93,6%	93,1%	69,8%	64,3%	52,0%	V06WPII##60AI12p750
900	8400S	AF	Oil self-cooled	94,2%	94,5%	94,2%	74,8%	69,7%	58,9%	V06WPII##60AI12p900
1000	8400S	AF	Oil self-cooled	94,2%	94,6%	94,2%	74,7%	69,6%	58,8%	V06WPII##60AI12p1000
1250	8400L	AF	Oil self-cooled	94,4%	94,7%	94,3%	74,6%	69,5%	58,6%	V06WPII##60AI12p1250
1350	8400L	AF	Oil self-cooled	94,4%	94,7%	94,3%	74,5%	69,4%	58,5%	V06WPII##60AI12p1350

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 V _z WP-II or TEWAC enclosure										
4-pole										
1400	8300S	AF	Oil self-cooled	94,3%	94,1%	93,4%	83,8%	77,5%	67,4%	V13WP1I##60AI04p1400
1750	8300L	AF	Oil self-cooled	94,7%	94,7%	94,3%	86,3%	82,1%	74,8%	V13WP1I##60AI04p1750
1900	8300L	AF	Oil self-cooled	94,9%	95,0%	94,7%	87,5%	84,1%	77,9%	V13WP1I##60AI04p1900
2250	8400S	AF	Oil self-cooled	95,5%	95,4%	95,0%	87,9%	83,9%	77,1%	V13WP1I##60AI04p2250
2500	8400S	AF	Oil self-cooled	95,6%	95,5%	95,1%	87,7%	83,7%	76,8%	V13WP1I##60AI04p2500
2900	8400L	AF	Oil self-cooled	95,8%	95,7%	95,2%	87,4%	83,3%	76,3%	V13WP1I##60AI04p2900
6-pole										
1000	8300S	AF	Oil self-cooled	93,3%	93,4%	92,6%	77,6%	71,9%	60,5%	V13WP1I##60AI06p1000
1250	8300L	AF	Oil self-cooled	93,6%	94,0%	93,6%	80,7%	76,8%	67,8%	V13WP1I##60AI06p1250
1450	8300L	AF	Oil self-cooled	93,9%	94,5%	94,5%	83,1%	80,7%	73,7%	V13WP1I##60AI06p1450
1750	8400S	AF	Oil self-cooled	92,8%	95,1%	95,2%	85,9%	86,2%	81,4%	V13WP1I##60AI06p1750
2000	8400L	AF	Oil self-cooled	92,9%	95,0%	94,9%	84,8%	84,1%	77,7%	V13WP1I##60AI06p2000
2200	8400L	AF	Oil self-cooled	93,0%	94,9%	94,6%	83,9%	82,4%	74,8%	V13WP1I##60AI06p2200
8-pole										
1200	8400S	AF	Oil self-cooled	93,5%	94,1%	93,8%	81,3%	77,2%	67,6%	V13WP1I##60AI08p1200
1250	8400S	AF	Oil self-cooled	93,5%	94,1%	93,8%	81,2%	77,0%	67,3%	V13WP1I##60AI08p1250
1500	8400L	AF	Oil self-cooled	93,7%	94,2%	93,8%	80,6%	76,0%	65,8%	V13WP1I##60AI08p1500
1750	8400L	AF	Oil self-cooled	93,9%	94,3%	93,8%	79,9%	74,9%	64,3%	V13WP1I##60AI08p1750
1850	8400L	AF	Oil self-cooled	94,0%	94,4%	93,8%	79,7%	74,5%	63,7%	V13WP1I##60AI08p1850
10-pole										
900	8400S	AF	Oil self-cooled	92,4%	93,8%	93,8%	82,5%	79,9%	72,2%	V13WP1I##60AI10p900
1000	8400S	AF	Oil self-cooled	92,6%	94,0%	93,9%	82,4%	79,8%	71,9%	V13WP1I##60AI10p1000
1250	8400L	AF	Oil self-cooled	93,1%	94,3%	94,2%	82,2%	79,4%	71,2%	V13WP1I##60AI10p1250
1300	8400L	AF	Oil self-cooled	93,2%	94,4%	94,2%	82,1%	79,3%	71,0%	V13WP1I##60AI10p1300
12-pole										
600	8400S	AF	Oil self-cooled	92,8%	93,0%	92,2%	72,9%	66,2%	53,9%	V13WP1I##60AI12p600
700	8400S	AF	Oil self-cooled	93,0%	93,1%	92,3%	72,9%	66,2%	53,9%	V13WP1I##60AI12p700
800	8400L	AF	Oil self-cooled	93,1%	93,3%	92,5%	72,8%	66,2%	54,0%	V13WP1I##60AI12p800
900	8400L	AF	Oil self-cooled	93,3%	93,4%	92,7%	72,8%	66,1%	54,0%	V13WP1I##60AI12p900
1000	8400L	AF	Oil self-cooled	93,4%	93,6%	92,8%	72,7%	66,1%	54,0%	V13WP1I##60AI12p1000
1000	8400L	AF	Oil self-cooled	93,4%	93,6%	92,8%	72,7%	66,1%	54,0%	V13WP1I##60AI12p1000

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 V _z TEAAC enclosure										
4-pole										
2000	8300S	AF	Oil self-cooled	95,0%	94,9%	94,4%	87,9%	84,8%	79,3%	V04TEAAC#60AI04p2000
2250	8300L	AF	Oil self-cooled	95,2%	95,2%	94,8%	88,1%	85,1%	80,0%	V04TEAAC#60AI04p2250
2500	8300L	AF	Oil self-cooled	95,5%	95,5%	95,1%	88,2%	85,5%	80,6%	V04TEAAC#60AI04p2500
2800	8300L	AF	Oil self-cooled	95,8%	95,8%	95,5%	88,4%	85,9%	81,4%	V04TEAAC#60AI04p2800
3250	8400S	AF	Oil self-cooled	95,7%	95,4%	94,6%	85,8%	80,9%	72,7%	V04TEAAC#60AI04p3250
4000	8400L	AF	Oil self-cooled	96,3%	96,2%	95,9%	89,2%	86,2%	81,1%	V04TEAAC#60AI04p4000
6-pole										
1500	8300S	AF	Oil self-cooled	94,4%	94,7%	94,4%	83,2%	80,1%	72,1%	V04TEAAC#60AI06p1500
1750	8300L	AF	Oil self-cooled	94,7%	95,0%	94,7%	82,1%	78,5%	69,7%	V04TEAAC#60AI06p1750
1900	8300L	AF	Oil self-cooled	94,9%	95,2%	94,8%	81,5%	77,6%	68,3%	V04TEAAC#60AI06p1900
2100	8400S	AF	Oil self-cooled	93,7%	95,6%	95,4%	85,3%	84,6%	78,3%	V04TEAAC#60AI06p2100
2500	8400L	AF	Oil self-cooled	94,0%	95,9%	95,7%	85,3%	84,5%	78,0%	V04TEAAC#60AI06p2500
3200	8400L	AF	Oil self-cooled	94,5%	96,4%	96,3%	85,4%	84,4%	77,6%	V04TEAAC#60AI06p3200
3200	8400L	AF	Oil self-cooled	94,5%	96,4%	96,3%	85,4%	84,4%	77,6%	V04TEAAC#60AI06p3200
8-pole										
1000	8300S	AF	Oil self-cooled	93,5%	94,6%	94,5%	80,0%	77,6%	69,5%	V04TEAAC#60AI08p1000
1250	8300L	AF	Oil self-cooled	93,8%	94,8%	94,7%	80,3%	77,7%	69,4%	V04TEAAC#60AI08p1250
1450	8300L	AF	Oil self-cooled	94,0%	95,0%	94,9%	80,4%	77,8%	69,4%	V04TEAAC#60AI08p1450
1800	8400S	AF	Oil self-cooled	95,2%	95,7%	95,6%	83,3%	80,2%	72,1%	V04TEAAC#60AI08p1800
2000	8400L	AF	Oil self-cooled	95,2%	95,7%	95,5%	82,9%	79,6%	71,0%	V04TEAAC#60AI08p2000
2250	8400L	AF	Oil self-cooled	95,3%	95,8%	95,5%	82,5%	78,8%	69,7%	V04TEAAC#60AI08p2250
2250	8400L	AF	Oil self-cooled	95,3%	95,8%	95,5%	82,5%	78,8%	69,7%	V04TEAAC#60AI08p2250
10-pole										
700	8300S	AF	Oil self-cooled	93,0%	93,7%	93,7%	80,0%	80,1%	72,7%	V04TEAAC#60AI10p700
800	8300S	AF	Oil self-cooled	93,2%	93,9%	93,8%	79,4%	79,1%	71,2%	V04TEAAC#60AI10p800
900	8300L	AF	Oil self-cooled	93,5%	94,1%	93,9%	78,8%	78,2%	69,7%	V04TEAAC#60AI10p900
1000	8300L	AF	Oil self-cooled	93,7%	94,2%	94,0%	78,2%	77,2%	68,2%	V04TEAAC#60AI10p1000
1100	8300L	AF	Oil self-cooled	94,0%	94,4%	94,2%	77,6%	76,2%	66,7%	V04TEAAC#60AI10p1100
1300	8400S	AF	Oil self-cooled	94,1%	95,1%	94,8%	78,6%	74,6%	64,7%	V04TEAAC#60AI10p1300
1500	8400L	AF	Oil self-cooled	94,1%	95,2%	95,0%	79,7%	76,2%	67,1%	V04TEAAC#60AI10p1500
1750	8400L	AF	Oil self-cooled	94,2%	95,4%	95,3%	81,0%	78,2%	70,1%	V04TEAAC#60AI10p1750
1850	8400L	AF	Oil self-cooled	94,3%	95,5%	95,4%	81,5%	79,0%	71,3%	V04TEAAC#60AI10p1850
12-pole										
500	8300S	AF	Oil self-cooled	92,7%	93,5%	93,1%	73,1%	69,1%	57,9%	V04TEAAC#60AI12p500
600	8300L	AF	Oil self-cooled	93,0%	93,6%	93,2%	71,7%	67,3%	55,8%	V04TEAAC#60AI12p600
700	8300L	AF	Oil self-cooled	93,2%	93,8%	93,2%	70,4%	65,6%	53,8%	V04TEAAC#60AI12p700
800	8300L	AF	Oil self-cooled	93,4%	93,9%	93,3%	69,0%	63,8%	51,7%	V04TEAAC#60AI12p800
800	8300L	AF	Oil self-cooled	93,4%	93,9%	93,3%	69,0%	63,8%	51,7%	V04TEAAC#60AI12p800
900	8400S	AF	Oil self-cooled	94,6%	94,8%	94,4%	74,9%	69,6%	58,7%	V04TEAAC#60AI12p900
1000	8400L	AF	Oil self-cooled	94,6%	94,9%	94,5%	75,1%	70,0%	59,2%	V04TEAAC#60AI12p1000
1100	8400L	AF	Oil self-cooled	94,7%	94,9%	94,6%	75,4%	70,3%	59,7%	V04TEAAC#60AI12p1100
1200	8400L	AF	Oil self-cooled	94,7%	95,0%	94,6%	75,6%	70,7%	60,2%	V04TEAAC#60AI12p1200

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 60 V_z TEAAC enclosure										
4-pole										
1750	8300S	AF	Oil self-cooled	94,8%	94,7%	94,2%	87,4%	84,0%	78,1%	V06TEAAC#60AI04p1750
2000	8300L	AF	Oil self-cooled	95,1%	95,0%	94,5%	88,1%	84,9%	79,4%	V06TEAAC#60AI04p2000
2250	8300L	AF	Oil self-cooled	95,3%	95,2%	94,9%	88,8%	85,8%	80,7%	V06TEAAC#60AI04p2250
2300	8300L	AF	Oil self-cooled	95,3%	95,3%	95,0%	88,9%	86,0%	81,0%	V06TEAAC#60AI04p2300
3000	8400S	AF	Oil self-cooled	95,6%	95,3%	94,6%	88,2%	84,8%	79,0%	V06TEAAC#60AI04p3000
3500	8400L	AF	Oil self-cooled	95,8%	95,5%	94,8%	88,1%	84,3%	77,9%	V06TEAAC#60AI04p3500
3800	8400L	AF	Oil self-cooled	95,9%	95,6%	95,0%	88,0%	84,0%	77,3%	V06TEAAC#60AI04p3800
6-pole										
1250	8300S	AF	Oil self-cooled	93,7%	93,9%	93,3%	80,6%	76,9%	68,0%	V06TEAAC#60AI06p1250
1500	8300L	AF	Oil self-cooled	94,2%	94,4%	93,8%	80,7%	76,9%	67,7%	V06TEAAC#60AI06p1500
1750	8300L	AF	Oil self-cooled	94,6%	94,8%	94,3%	80,9%	76,8%	67,4%	V06TEAAC#60AI06p1750
1800	8300L	AF	Oil self-cooled	94,7%	94,9%	94,4%	80,9%	76,8%	67,3%	V06TEAAC#60AI06p1800
2100	8400S	AF	Oil self-cooled	93,3%	95,2%	95,0%	85,3%	84,9%	78,9%	V06TEAAC#60AI06p2100
2500	8400L	AF	Oil self-cooled	93,7%	95,6%	95,2%	85,2%	84,4%	77,9%	V06TEAAC#60AI06p2500
2700	8400L	AF	Oil self-cooled	93,9%	95,7%	95,4%	85,1%	84,1%	77,4%	V06TEAAC#60AI06p2700
8-pole										
900	8300S	AF	Oil self-cooled	93,6%	94,8%	94,8%	80,4%	78,0%	69,7%	V06TEAAC#60AI08p900
1000	8300S	AF	Oil self-cooled	93,7%	94,8%	94,8%	80,3%	77,8%	69,5%	V06TEAAC#60AI08p1000
1250	8300L	AF	Oil self-cooled	93,9%	94,9%	94,9%	80,0%	77,4%	68,9%	V06TEAAC#60AI08p1250
1400	8300L	AF	Oil self-cooled	94,0%	95,0%	95,0%	79,8%	77,1%	68,5%	V06TEAAC#60AI08p1400
1600	8400S	AF	Oil self-cooled	94,7%	95,5%	95,7%	85,5%	84,4%	79,4%	V06TEAAC#60AI08p1600
1750	8400L	AF	Oil self-cooled	94,8%	95,6%	95,6%	85,1%	83,5%	77,8%	V06TEAAC#60AI08p1750
2000	8400L	AF	Oil self-cooled	95,0%	95,6%	95,6%	84,4%	82,1%	75,1%	V06TEAAC#60AI08p2000
2150	8400L	AF	Oil self-cooled	95,1%	95,7%	95,5%	84,0%	81,2%	73,5%	V06TEAAC#60AI08p2150
10-pole										
600	8300S	AF	Oil self-cooled	93,3%	93,9%	93,9%	77,4%	75,6%	65,8%	V06TEAAC#60AI10p600
700	8300S	AF	Oil self-cooled	93,5%	94,1%	94,0%	77,6%	75,9%	66,2%	V06TEAAC#60AI10p700
800	8300L	AF	Oil self-cooled	93,8%	94,3%	94,2%	77,9%	76,3%	66,6%	V06TEAAC#60AI10p800
900	8300L	AF	Oil self-cooled	94,0%	94,5%	94,4%	78,1%	76,6%	67,0%	V06TEAAC#60AI10p900
900	8300L	AF	Oil self-cooled	94,0%	94,5%	94,4%	78,1%	76,6%	67,0%	V06TEAAC#60AI10p900
1100	8400S	AF	Oil self-cooled	94,0%	95,1%	94,9%	81,2%	78,1%	69,6%	V06TEAAC#60AI10p1100
1250	8400S	AF	Oil self-cooled	94,0%	95,2%	95,0%	81,5%	78,6%	70,4%	V06TEAAC#60AI10p1250
1500	8400L	AF	Oil self-cooled	94,1%	95,3%	95,2%	82,0%	79,3%	71,6%	V06TEAAC#60AI10p1500
1650	8400L	AF	Oil self-cooled	94,2%	95,4%	95,3%	82,2%	79,8%	72,4%	V06TEAAC#60AI10p1650
12-pole										
450	8300S	AF	Oil self-cooled	92,7%	93,3%	92,7%	70,4%	65,1%	52,9%	V06TEAAC#60AI12p450
500	8300L	AF	Oil self-cooled	92,8%	93,3%	92,6%	68,6%	62,7%	50,2%	V06TEAAC#60AI12p500
600	8300L	AF	Oil self-cooled	93,1%	93,3%	92,2%	64,8%	57,8%	44,9%	V06TEAAC#60AI12p600
600	8300L	AF	Oil self-cooled	93,1%	93,3%	92,2%	64,8%	57,8%	44,9%	V06TEAAC#60AI12p600
800	8400S	AF	Oil self-cooled	94,0%	94,4%	94,2%	77,1%	72,7%	62,8%	V06TEAAC#60AI12p800
900	8400L	AF	Oil self-cooled	94,1%	94,4%	94,1%	76,3%	71,5%	61,1%	V06TEAAC#60AI12p900
1000	8400L	AF	Oil self-cooled	94,2%	94,5%	94,0%	75,6%	70,3%	59,4%	V06TEAAC#60AI12p1000
1100	8400L	AF	Oil self-cooled	94,3%	94,5%	93,9%	74,8%	69,1%	57,7%	V06TEAAC#60AI12p1100

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
13.0 - 13.8 kV 60 V_z TEAAC enclosure										
4-pole										
1500	8300L	AF	Oil self-cooled	94,1%	93,9%	93,0%	88,4%	84,9%	78,9%	V13TEAAC#60AI04p1500
1600	8300L	AF	Oil self-cooled	94,5%	94,3%	93,4%	87,1%	82,7%	75,2%	V13TEAAC#60AI04p1600
1900	8400S	AF	Oil self-cooled	94,5%	93,9%	92,7%	85,9%	81,0%	72,7%	V13TEAAC#60AI04p1900
2250	8400S	AF	Oil self-cooled	94,9%	94,5%	93,4%	86,6%	82,1%	74,4%	V13TEAAC#60AI04p2250
2500	8400L	AF	Oil self-cooled	95,3%	94,9%	93,9%	87,2%	82,9%	75,6%	V13TEAAC#60AI04p2500
6-pole										
900	8300S	AF	Oil self-cooled	92,8%	92,6%	91,3%	79,0%	73,6%	62,8%	V13TEAAC#60AI06p900
1000	8300L	AF	Oil self-cooled	93,1%	93,0%	91,9%	79,6%	74,4%	63,8%	V13TEAAC#60AI06p1000
1200	8300L	AF	Oil self-cooled	93,7%	93,8%	93,1%	80,7%	76,0%	65,8%	V13TEAAC#60AI06p1200
1500	8400S	AF	Oil self-cooled	92,6%	94,3%	93,7%	83,1%	81,9%	74,5%	V13TEAAC#60AI06p1500
1750	8400L	AF	Oil self-cooled	93,0%	94,9%	94,5%	85,1%	84,6%	78,4%	V13TEAAC#60AI06p1750
1800	8400L	AF	Oil self-cooled	93,1%	95,0%	94,7%	85,5%	85,1%	79,2%	V13TEAAC#60AI06p1800
8-pole										
1000	8400S	AF	Oil self-cooled	93,6%	94,3%	94,2%	84,9%	82,4%	75,5%	V13TEAAC#60AI08p1000
1250	8400L	AF	Oil self-cooled	93,9%	94,5%	94,2%	84,2%	81,0%	73,1%	V13TEAAC#60AI08p1250
1400	8400L	AF	Oil self-cooled	94,1%	94,6%	94,2%	83,8%	80,2%	71,7%	V13TEAAC#60AI08p1400
10-pole										
850	8400S	AF	Oil self-cooled	92,8%	94,0%	93,8%	82,2%	79,3%	71,0%	V13TEAAC#60AI10p850
900	8400L	AF	Oil self-cooled	92,9%	94,1%	93,8%	81,9%	78,7%	70,1%	V13TEAAC#60AI10p900
1000	8400L	AF	Oil self-cooled	93,1%	94,2%	93,8%	81,3%	77,6%	68,4%	V13TEAAC#60AI10p1000
1100	8400L	AF	Oil self-cooled	93,3%	94,3%	93,8%	80,6%	76,4%	66,6%	V13TEAAC#60AI10p1100
12-pole										
600	8400S	AF	Oil self-cooled	93,0%	93,3%	92,8%	76,2%	70,8%	59,8%	V13TEAAC#60AI12p600
700	8400L	AF	Oil self-cooled	93,3%	93,5%	92,8%	74,6%	68,6%	57,0%	V13TEAAC#60AI12p700
800	8400L	AF	Oil self-cooled	93,5%	93,6%	92,8%	73,0%	66,4%	54,2%	V13TEAAC#60AI12p800
800	8400L	AF	Oil self-cooled	93,5%	93,6%	92,8%	73,0%	66,4%	54,2%	V13TEAAC#60AI12p800

IEC vertical aluminium cage

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Vz IC 01 or IC 81W cooling method										
4-pole										
1350	450S	AF	Oil self-cooled	95,6%	95,2%	95,0%	85,6%	81,7%	74,5%	V04WP11#50AI04p1810
1491	450S	AF	Oil self-cooled	95,7%	95,3%	95,1%	86,0%	82,2%	75,3%	V04WP11#50AI04p2000
1678	450L	AF	Oil self-cooled	95,9%	95,4%	95,2%	86,5%	83,0%	76,4%	V04WP11#50AI04p2250
1864	450L	AF	Oil self-cooled	96,0%	95,5%	95,3%	87,0%	83,7%	77,4%	V04WP11#50AI04p2500
1950	450L	AF	Oil self-cooled	96,0%	95,6%	95,4%	87,3%	84,0%	77,9%	V04WP11#50AI04p2615
2200	500S	AF	Oil self-cooled	96,4%	95,7%	95,3%	85,5%	81,3%	73,7%	V04WP11#50AI04p2950
2237	500L	AF	Oil self-cooled	96,4%	95,8%	95,3%	85,5%	81,4%	73,9%	V04WP11#50AI04p3000
2610	500L	AF	Oil self-cooled	96,4%	95,9%	95,4%	86,2%	82,4%	75,4%	V04WP11#50AI04p3500
2983	500L	AF	Oil self-cooled	96,5%	96,0%	95,6%	86,9%	83,5%	76,9%	V04WP11#50AI04p4000
3000	500L	AF	Oil self-cooled	96,5%	96,0%	95,6%	86,9%	83,5%	77,0%	V04WP11#50AI04p4023
6-pole										
1000	450S	AF	Oil self-cooled	94,8%	94,5%	94,2%	80,3%	76,8%	67,8%	V04WP11#50AI06p1341
1119	450L	AF	Oil self-cooled	95,0%	94,7%	94,5%	80,4%	76,8%	67,7%	V04WP11#50AI06p1500
1305	450L	AF	Oil self-cooled	95,3%	95,1%	94,8%	80,5%	76,7%	67,5%	V04WP11#50AI06p1750
1342	450L	AF	Oil self-cooled	95,3%	95,1%	94,9%	80,5%	76,7%	67,5%	V04WP11#50AI06p1800
1400	450L	AF	Oil self-cooled	95,4%	95,2%	95,0%	80,5%	76,7%	67,4%	V04WP11#50AI06p1877
1700	500S	AF	Oil self-cooled	94,1%	95,5%	95,3%	83,9%	83,2%	76,6%	V04WP11#50AI06p2280
1864	500S	AF	Oil self-cooled	94,2%	95,6%	95,4%	83,9%	83,2%	76,6%	V04WP11#50AI06p2500
2237	500L	AF	Oil self-cooled	94,5%	95,8%	95,6%	83,9%	83,3%	76,7%	V04WP11#50AI06p3000
2312	500L	AF	Oil self-cooled	94,5%	95,8%	95,6%	83,9%	83,3%	76,7%	V04WP11#50AI06p3100
2350	500L	AF	Oil self-cooled	94,6%	95,9%	95,6%	83,9%	83,3%	76,7%	V04WP11#50AI06p3151
8-pole										
670	450S	AF	Oil self-cooled	93,9%	94,2%	94,0%	77,2%	73,2%	62,9%	V04WP11#50AI08p898
746	450S	AF	Oil self-cooled	94,0%	94,3%	94,1%	77,2%	73,3%	63,0%	V04WP11#50AI08p1000
932	450L	AF	Oil self-cooled	94,3%	94,5%	94,3%	77,4%	73,5%	63,3%	V04WP11#50AI08p1250
969	450L	AF	Oil self-cooled	94,3%	94,6%	94,3%	77,4%	73,6%	63,4%	V04WP11#50AI08p1300
1000	450L	AF	Oil self-cooled	94,4%	94,6%	94,4%	77,5%	73,6%	63,4%	V04WP11#50AI08p1341
1200	500S	AF	Oil self-cooled	95,2%	95,3%	95,3%	82,2%	79,0%	70,6%	V04WP11#50AI08p1609
1305	500S	AF	Oil self-cooled	95,3%	95,3%	95,3%	82,1%	78,7%	70,1%	V04WP11#50AI08p1750
1491	500L	AF	Oil self-cooled	95,4%	95,4%	95,3%	81,8%	78,2%	69,2%	V04WP11#50AI08p2000
1603	500L	AF	Oil self-cooled	95,5%	95,4%	95,3%	81,7%	77,8%	68,6%	V04WP11#50AI08p2150
1650	500L	AF	Oil self-cooled	95,5%	95,4%	95,3%	81,6%	77,7%	68,4%	V04WP11#50AI08p2213
10-pole										
500	450S	AF	Oil self-cooled	93,7%	93,4%	93,2%	77,7%	76,6%	67,3%	V04WP11#50AI10p671
522	450S	AF	Oil self-cooled	93,7%	93,5%	93,2%	77,7%	76,6%	67,3%	V04WP11#50AI10p700
597	450L	AF	Oil self-cooled	93,9%	93,6%	93,4%	78,0%	76,7%	67,3%	V04WP11#50AI10p800
671	450L	AF	Oil self-cooled	94,0%	93,8%	93,5%	78,2%	76,9%	67,3%	V04WP11#50AI10p900
690	450L	AF	Oil self-cooled	94,1%	93,8%	93,5%	78,3%	76,9%	67,3%	V04WP11#50AI10p925
700	450L	AF	Oil self-cooled	94,1%	93,8%	93,6%	78,3%	76,9%	67,3%	V04WP11#50AI10p939
900	500S	AF	Oil self-cooled	94,2%	94,8%	94,7%	79,7%	76,5%	67,6%	V04WP11#50AI10p1207
932	500S	AF	Oil self-cooled	94,2%	94,8%	94,7%	79,5%	76,2%	67,1%	V04WP11#50AI10p1250
1119	500L	AF	Oil self-cooled	94,5%	94,9%	94,6%	78,4%	74,3%	64,3%	V04WP11#50AI10p1500
1193	500L	AF	Oil self-cooled	94,6%	94,9%	94,6%	78,0%	73,6%	63,2%	V04WP11#50AI10p1600
1200	500L	AF	Oil self-cooled	94,6%	94,9%	94,6%	77,9%	73,5%	63,1%	V04WP11#50AI10p1609

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 Vz IC 01 or IC 81W cooling method										
12-pole										
355	450S	AF	Oil self-cooled	93,0%	92,8%	92,2%	71,1%	66,8%	55,4%	V04WP11#50AI12p476
373	450S	AF	Oil self-cooled	93,1%	92,8%	92,2%	70,8%	66,2%	54,6%	V04WP11#50AI12p500
447	450L	AF	Oil self-cooled	93,3%	92,8%	91,8%	69,3%	63,7%	51,3%	V04WP11#50AI12p600
450	450L	AF	Oil self-cooled	93,3%	92,8%	91,8%	69,2%	63,6%	51,2%	V04WP11#50AI12p603
630	500S	AF	Oil self-cooled	94,1%	94,1%	94,1%	77,1%	73,2%	63,5%	V04WP11#50AI12p845
671	500S	AF	Oil self-cooled	94,2%	94,2%	94,2%	76,9%	73,0%	63,2%	V04WP11#50AI12p900
746	500L	AF	Oil self-cooled	94,4%	94,3%	94,3%	76,6%	72,5%	62,7%	V04WP11#50AI12p1000
820	500L	AF	Oil self-cooled	94,5%	94,5%	94,4%	76,3%	72,1%	62,2%	V04WP11#50AI12p1100
900	500L	AF	Oil self-cooled	94,7%	94,6%	94,5%	75,9%	71,6%	61,6%	V04WP11#50AI12p1207



Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 V_z IC 01 or IC 81W cooling method										
4-pole										
1400	450S	AF	Oil self-cooled	95,7%	95,3%	95,2%	85,2%	81,8%	75,3%	V06WPII##50AI04p1877
1491	450S	AF	Oil self-cooled	95,8%	95,4%	95,3%	85,6%	82,3%	76,1%	V06WPII##50AI04p2000
1678	450L	AF	Oil self-cooled	95,9%	95,5%	95,4%	86,6%	83,5%	77,6%	V06WPII##50AI04p2250
1864	450L	AF	Oil self-cooled	96,0%	95,7%	95,5%	87,5%	84,6%	79,1%	V06WPII##50AI04p2500
1900	450L	AF	Oil self-cooled	96,1%	95,7%	95,5%	87,7%	84,8%	79,4%	V06WPII##50AI04p2548
2150	500S	AF	Oil self-cooled	96,5%	96,0%	95,6%	85,8%	81,6%	74,0%	V06WPII##50AI04p2883
2237	500L	AF	Oil self-cooled	96,5%	96,0%	95,6%	85,8%	81,7%	74,2%	V06WPII##50AI04p3000
2610	500L	AF	Oil self-cooled	96,6%	96,1%	95,7%	86,2%	82,2%	74,9%	V06WPII##50AI04p3500
2983	500L	AF	Oil self-cooled	96,7%	96,2%	95,8%	86,5%	82,7%	75,7%	V06WPII##50AI04p4000
3000	500L	AF	Oil self-cooled	96,7%	96,2%	95,8%	86,5%	82,7%	75,7%	V06WPII##50AI04p4023
6-pole										
950	450S	AF	Oil self-cooled	94,6%	94,2%	93,9%	78,9%	74,8%	65,0%	V06WPII##50AI06p1274
1119	450L	AF	Oil self-cooled	94,8%	94,5%	94,1%	79,2%	74,9%	65,0%	V06WPII##50AI06p1500
1305	450L	AF	Oil self-cooled	95,1%	94,8%	94,4%	79,4%	75,1%	64,9%	V06WPII##50AI06p1750
1342	450L	AF	Oil self-cooled	95,2%	94,9%	94,5%	79,5%	75,1%	64,9%	V06WPII##50AI06p1800
1350	450L	AF	Oil self-cooled	95,2%	94,9%	94,5%	79,5%	75,1%	64,9%	V06WPII##50AI06p1810
1600	500S	AF	Oil self-cooled	94,1%	95,4%	95,3%	84,3%	84,0%	78,0%	V06WPII##50AI06p2146
1678	500S	AF	Oil self-cooled	94,1%	95,5%	95,3%	84,3%	84,1%	78,1%	V06WPII##50AI06p2250
1864	500L	AF	Oil self-cooled	94,2%	95,6%	95,4%	84,4%	84,2%	78,4%	V06WPII##50AI06p2500
2051	500L	AF	Oil self-cooled	94,3%	95,6%	95,5%	84,5%	84,4%	78,6%	V06WPII##50AI06p2750
2200	500L	AF	Oil self-cooled	94,4%	95,7%	95,5%	84,6%	84,5%	78,8%	V06WPII##50AI06p2950
8-pole										
630	450S	AF	Oil self-cooled	93,6%	94,2%	94,5%	80,0%	77,4%	68,7%	V06WPII##50AI08p845
671	450S	AF	Oil self-cooled	93,7%	94,3%	94,5%	79,9%	77,2%	68,4%	V06WPII##50AI08p900
746	450L	AF	Oil self-cooled	93,8%	94,4%	94,5%	79,6%	76,8%	67,8%	V06WPII##50AI08p1000
932	450L	AF	Oil self-cooled	94,1%	94,5%	94,6%	79,0%	75,8%	66,4%	V06WPII##50AI08p1250
950	450L	AF	Oil self-cooled	94,1%	94,6%	94,7%	78,9%	75,7%	66,3%	V06WPII##50AI08p1274
1120	500S	AF	Oil self-cooled	95,0%	95,1%	95,0%	81,7%	78,0%	68,8%	V06WPII##50AI08p1502
1305	500L	AF	Oil self-cooled	95,2%	95,1%	95,0%	81,2%	77,0%	67,3%	V06WPII##50AI08p1750
1491	500L	AF	Oil self-cooled	95,4%	95,2%	95,0%	80,7%	76,0%	65,9%	V06WPII##50AI08p2000
1500	500L	AF	Oil self-cooled	95,4%	95,2%	95,0%	80,7%	76,0%	65,8%	V06WPII##50AI08p2012
10-pole										
450	450S	AF	Oil self-cooled	93,5%	93,2%	92,9%	76,6%	74,5%	64,1%	V06WPII##50AI10p603
522	450L	AF	Oil self-cooled	93,8%	93,5%	93,2%	75,5%	73,0%	62,2%	V06WPII##50AI10p700
597	450L	AF	Oil self-cooled	94,0%	93,8%	93,6%	74,4%	71,5%	60,2%	V06WPII##50AI10p800
634	450L	AF	Oil self-cooled	94,2%	94,0%	93,7%	73,8%	70,7%	59,2%	V06WPII##50AI10p850
650	450L	AF	Oil self-cooled	94,2%	94,0%	93,8%	73,6%	70,4%	58,8%	V06WPII##50AI10p872
800	500S	AF	Oil self-cooled	94,1%	94,7%	94,8%	80,9%	78,0%	69,6%	V06WPII##50AI10p1073
932	500L	AF	Oil self-cooled	94,2%	94,8%	94,8%	80,7%	77,6%	69,0%	V06WPII##50AI10p1250
1119	500L	AF	Oil self-cooled	94,4%	94,9%	94,9%	80,4%	77,1%	68,1%	V06WPII##50AI10p1500
1150	500L	AF	Oil self-cooled	94,5%	95,0%	94,9%	80,3%	77,0%	68,0%	V06WPII##50AI10p1542
12-pole										
315	450S	AF	Oil self-cooled	92,7%	92,1%	91,0%	66,5%	60,0%	47,2%	V06WPII##50AI12p422
336	450L	AF	Oil self-cooled	92,8%	92,2%	91,0%	66,6%	60,1%	47,3%	V06WPII##50AI12p450
373	450L	AF	Oil self-cooled	92,9%	92,3%	91,2%	66,7%	60,3%	47,5%	V06WPII##50AI12p500
447	450L	AF	Oil self-cooled	93,0%	92,5%	91,4%	66,9%	60,6%	47,8%	V06WPII##50AI12p600
450	450L	AF	Oil self-cooled	93,0%	92,5%	91,4%	66,9%	60,6%	47,8%	V06WPII##50AI12p603
560	500S	AF	Oil self-cooled	94,3%	94,1%	93,8%	74,4%	69,1%	58,0%	V06WPII##50AI12p751
597	500S	AF	Oil self-cooled	94,3%	94,1%	93,8%	74,2%	68,8%	57,6%	V06WPII##50AI12p800
671	500L	AF	Oil self-cooled	94,4%	94,1%	93,7%	73,7%	68,1%	56,8%	V06WPII##50AI12p900
746	500L	AF	Oil self-cooled	94,4%	94,1%	93,7%	73,2%	67,4%	56,0%	V06WPII##50AI12p1000
850	500L	AF	Oil self-cooled	94,5%	94,1%	93,6%	72,5%	66,5%	54,8%	V06WPII##50AI12p1140

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 V_z IC 01 or IC 81W cooling method										
4-pole										
900	450S	AF	Oil self-cooled	94,9%	94,3%	93,9%	87,8%	84,0%	77,4%	V11WPII##50AI04p1207
932	450S	AF	Oil self-cooled	94,9%	94,4%	93,9%	87,8%	84,1%	77,5%	V11WPII##50AI04p1250
1119	450L	AF	Oil self-cooled	95,2%	94,6%	94,3%	88,1%	84,5%	78,2%	V11WPII##50AI04p1500
1450	450L	AF	Oil self-cooled	95,5%	95,1%	94,9%	88,5%	85,3%	79,5%	V11WPII##50AI04p1944
1491	450L	AF	Oil self-cooled	95,6%	95,2%	95,0%	88,6%	85,4%	79,7%	V11WPII##50AI04p2000
1800	500L	AF	Oil self-cooled	95,8%	95,1%	94,4%	87,3%	83,5%	76,7%	V11WPII##50AI04p2414
1864	500L	AF	Oil self-cooled	95,8%	95,1%	94,5%	87,5%	83,8%	77,1%	V11WPII##50AI04p2500
2200	500L	AF	Oil self-cooled	95,9%	95,3%	94,9%	88,6%	85,1%	79,1%	V11WPII##50AI04p2950
2237	500L	AF	Oil self-cooled	95,9%	95,4%	94,9%	88,7%	85,2%	79,3%	V11WPII##50AI04p3000
6-pole										
630	450S	AF	Oil self-cooled	94,1%	93,5%	92,7%	79,8%	74,9%	64,4%	V11WPII##50AI06p845
671	450L	AF	Oil self-cooled	94,2%	93,6%	92,8%	79,8%	75,0%	64,5%	V11WPII##50AI06p900
746	450L	AF	Oil self-cooled	94,2%	93,7%	93,0%	79,9%	75,2%	64,8%	V11WPII##50AI06p1000
932	450L	AF	Oil self-cooled	94,4%	94,0%	93,6%	80,0%	75,6%	65,5%	V11WPII##50AI06p1250
1000	450L	AF	Oil self-cooled	94,5%	94,2%	93,8%	80,1%	75,7%	65,7%	V11WPII##50AI06p1341
1200	500S	AF	Oil self-cooled	93,3%	94,6%	94,4%	83,7%	83,0%	76,2%	V11WPII##50AI06p1609
1305	500S	AF	Oil self-cooled	93,4%	94,7%	94,5%	83,7%	82,8%	75,8%	V11WPII##50AI06p1750
1491	500L	AF	Oil self-cooled	93,6%	94,9%	94,6%	83,8%	82,5%	75,0%	V11WPII##50AI06p2000
1550	500L	AF	Oil self-cooled	93,7%	94,9%	94,6%	83,8%	82,4%	74,7%	V11WPII##50AI06p2079
1678	500L	AF	Oil self-cooled	93,8%	95,0%	94,6%	83,9%	82,2%	74,2%	V11WPII##50AI06p2250
8-pole										
710	500S	AF	Oil self-cooled	93,7%	94,0%	94,2%	85,2%	82,7%	75,5%	V11WPII##50AI08p952
746	500S	AF	Oil self-cooled	93,8%	94,0%	94,2%	85,1%	82,6%	75,3%	V11WPII##50AI08p1000
932	500S	AF	Oil self-cooled	94,2%	94,3%	94,4%	84,7%	81,8%	74,2%	V11WPII##50AI08p1250
1119	500L	AF	Oil self-cooled	94,5%	94,6%	94,7%	84,2%	81,1%	73,1%	V11WPII##50AI08p1500
1250	500L	AF	Oil self-cooled	94,8%	94,8%	94,8%	83,9%	80,6%	72,3%	V11WPII##50AI08p1676
10-pole										
560	500S	AF	Oil self-cooled	93,4%	94,0%	94,0%	81,8%	78,6%	70,0%	V11WPII##50AI10p751
597	500S	AF	Oil self-cooled	93,5%	94,1%	93,9%	81,2%	77,6%	68,6%	V11WPII##50AI10p800
671	500L	AF	Oil self-cooled	93,6%	94,1%	93,8%	79,8%	75,6%	65,7%	V11WPII##50AI10p900
746	500L	AF	Oil self-cooled	93,8%	94,1%	93,6%	78,5%	73,6%	62,8%	V11WPII##50AI10p1000
800	500L	AF	Oil self-cooled	93,9%	94,1%	93,5%	77,5%	72,1%	60,7%	V11WPII##50AI10p1073
12-pole										
400	500S	AF	Oil self-cooled	93,4%	93,3%	93,0%	76,0%	70,8%	59,8%	V11WPII##50AI12p536
447	500S	AF	Oil self-cooled	93,6%	93,4%	93,1%	75,9%	70,6%	59,5%	V11WPII##50AI12p600
522	500L	AF	Oil self-cooled	93,8%	93,6%	93,2%	75,6%	70,3%	59,1%	V11WPII##50AI12p700
630	500L	AF	Oil self-cooled	94,1%	93,8%	93,4%	75,3%	69,8%	58,5%	V11WPII##50AI12p845

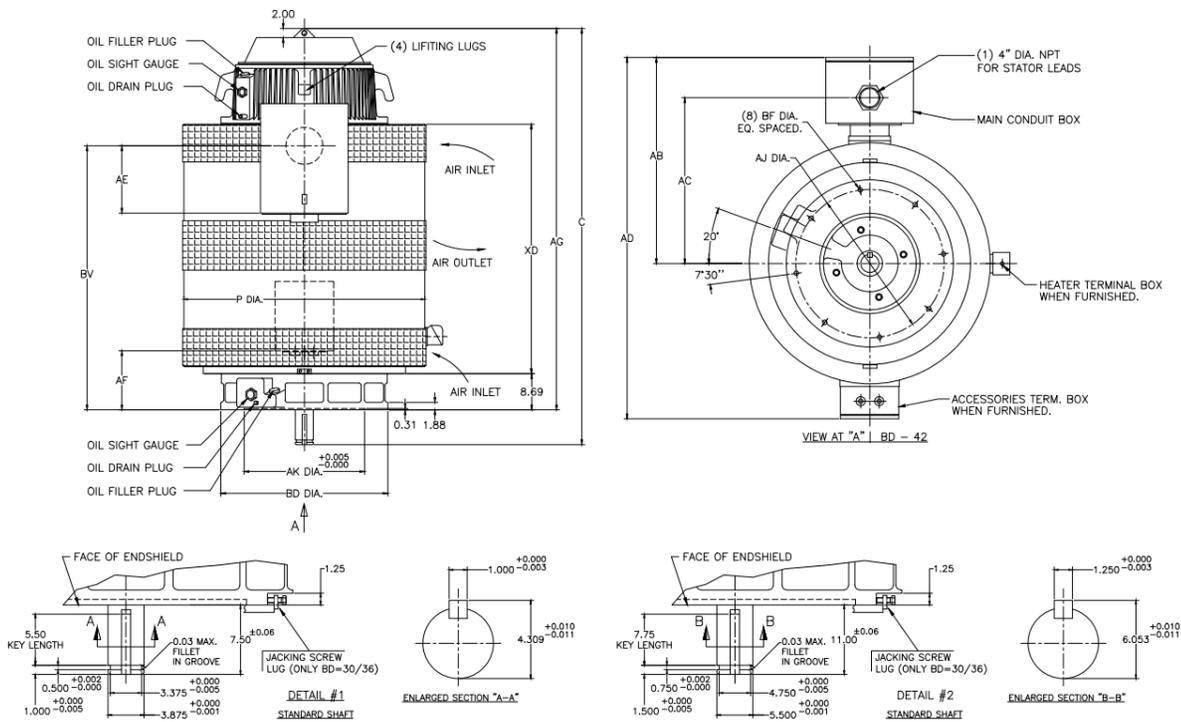
Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
3.0 - 3.3 kV 50 V _z IC 611 cooling method										
4-pole										
1250	450S	AF	Oil self-cooled	95,2%	94,4%	93,6%	86,0%	81,7%	74,0%	V04TEAAC#50AI04p1676
1305	450S	AF	Oil self-cooled	95,3%	94,5%	93,7%	86,3%	82,2%	74,7%	V04TEAAC#50AI04p1750
1491	450L	AF	Oil self-cooled	95,5%	94,8%	94,1%	87,4%	83,8%	77,2%	V04TEAAC#50AI04p2000
1600	450L	AF	Oil self-cooled	95,6%	94,9%	94,3%	88,1%	84,7%	78,6%	V04TEAAC#50AI04p2146
1678	450L	AF	Oil self-cooled	95,7%	95,0%	94,5%	88,6%	85,4%	79,6%	V04TEAAC#50AI04p2250
1800	500S	AF	Oil self-cooled	95,9%	95,0%	94,2%	85,5%	80,9%	72,9%	V04TEAAC#50AI04p2414
1864	500S	AF	Oil self-cooled	96,0%	95,1%	94,3%	85,7%	81,3%	73,4%	V04TEAAC#50AI04p2500
2237	500L	AF	Oil self-cooled	96,2%	95,4%	94,8%	87,2%	83,3%	76,6%	V04TEAAC#50AI04p3000
2424	500L	AF	Oil self-cooled	96,3%	95,6%	95,0%	88,0%	84,4%	78,1%	V04TEAAC#50AI04p3250
2550	500L	AF	Oil self-cooled	96,4%	95,7%	95,2%	88,5%	85,1%	79,2%	V04TEAAC#50AI04p3420
6-pole										
900	450S	AF	Oil self-cooled	94,7%	94,4%	94,0%	83,0%	80,5%	73,1%	V04TEAAC#50AI06p1207
932	450L	AF	Oil self-cooled	94,8%	94,5%	94,1%	83,0%	80,4%	73,0%	V04TEAAC#50AI06p1250
1119	450L	AF	Oil self-cooled	95,1%	94,8%	94,5%	82,7%	80,1%	72,4%	V04TEAAC#50AI06p1500
1300	450L	AF	Oil self-cooled	95,3%	95,1%	94,9%	82,5%	79,7%	71,8%	V04TEAAC#50AI06p1743
1491	500S	AF	Oil self-cooled	94,0%	95,3%	94,9%	86,0%	86,8%	82,6%	V04TEAAC#50AI06p2000
1500	500S	AF	Oil self-cooled	94,0%	95,3%	94,9%	86,0%	86,7%	82,5%	V04TEAAC#50AI06p2012
1678	500L	AF	Oil self-cooled	94,2%	95,4%	95,0%	85,2%	85,1%	79,7%	V04TEAAC#50AI06p2250
1864	500L	AF	Oil self-cooled	94,4%	95,5%	95,0%	84,3%	83,5%	76,8%	V04TEAAC#50AI06p2500
1939	500L	AF	Oil self-cooled	94,4%	95,5%	95,0%	84,0%	82,8%	75,7%	V04TEAAC#50AI06p2600
2000	500L	AF	Oil self-cooled	94,5%	95,6%	95,0%	83,7%	82,3%	74,7%	V04TEAAC#50AI06p2682
8-pole										
650	450S	AF	Oil self-cooled	93,7%	93,8%	93,3%	80,5%	77,4%	68,4%	V04TEAAC#50AI08p872
746	450L	AF	Oil self-cooled	94,0%	94,1%	93,7%	80,1%	76,8%	67,6%	V04TEAAC#50AI08p1000
850	450L	AF	Oil self-cooled	94,3%	94,4%	94,0%	79,5%	76,1%	66,7%	V04TEAAC#50AI08p1140
1120	500S	AF	Oil self-cooled	95,3%	95,4%	95,5%	84,3%	81,9%	75,0%	V04TEAAC#50AI08p1502
1305	500L	AF	Oil self-cooled	95,5%	95,5%	95,5%	84,0%	81,2%	73,7%	V04TEAAC#50AI08p1750
1342	500L	AF	Oil self-cooled	95,5%	95,5%	95,5%	83,9%	81,1%	73,4%	V04TEAAC#50AI08p1800
1400	500L	AF	Oil self-cooled	95,5%	95,5%	95,5%	83,8%	80,9%	73,0%	V04TEAAC#50AI08p1877
10-pole										
450	450S	AF	Oil self-cooled	93,9%	93,7%	93,4%	77,3%	76,0%	66,6%	V04TEAAC#50AI10p603
522	450L	AF	Oil self-cooled	94,1%	93,8%	93,6%	77,5%	76,4%	67,2%	V04TEAAC#50AI10p700
597	450L	AF	Oil self-cooled	94,2%	94,0%	93,7%	77,8%	76,8%	67,8%	V04TEAAC#50AI10p800
634	450L	AF	Oil self-cooled	94,3%	94,1%	93,8%	77,9%	77,0%	68,2%	V04TEAAC#50AI10p850
650	450L	AF	Oil self-cooled	94,4%	94,1%	93,9%	78,0%	77,1%	68,3%	V04TEAAC#50AI10p872
800	500S	AF	Oil self-cooled	94,4%	95,1%	95,1%	81,9%	79,5%	71,8%	V04TEAAC#50AI10p1073
932	500L	AF	Oil self-cooled	94,6%	95,1%	95,0%	81,0%	78,0%	69,4%	V04TEAAC#50AI10p1250
1007	500L	AF	Oil self-cooled	94,6%	95,1%	95,0%	80,5%	77,1%	68,0%	V04TEAAC#50AI10p1350
1050	500L	AF	Oil self-cooled	94,7%	95,1%	94,9%	80,2%	76,6%	67,2%	V04TEAAC#50AI10p1408
12-pole										
315	450S	AF	Oil self-cooled	92,6%	92,5%	92,1%	73,6%	69,8%	58,8%	V04TEAAC#50AI12p422
336	450S	AF	Oil self-cooled	92,8%	92,6%	92,1%	73,1%	69,2%	58,0%	V04TEAAC#50AI12p450
373	450L	AF	Oil self-cooled	93,1%	92,8%	92,3%	72,2%	68,0%	56,6%	V04TEAAC#50AI12p500
447	450L	AF	Oil self-cooled	93,6%	93,3%	92,5%	70,5%	65,7%	53,9%	V04TEAAC#50AI12p600
450	450L	AF	Oil self-cooled	93,6%	93,3%	92,5%	70,4%	65,6%	53,8%	V04TEAAC#50AI12p603
560	500S	AF	Oil self-cooled	94,1%	94,2%	94,3%	77,9%	74,2%	64,8%	V04TEAAC#50AI12p751
597	500S	AF	Oil self-cooled	94,2%	94,3%	94,3%	77,4%	73,4%	63,7%	V04TEAAC#50AI12p800
671	500L	AF	Oil self-cooled	94,5%	94,4%	94,2%	76,2%	71,7%	61,5%	V04TEAAC#50AI12p900
746	500L	AF	Oil self-cooled	94,7%	94,5%	94,2%	75,1%	70,0%	59,2%	V04TEAAC#50AI12p1000
800	500L	AF	Oil self-cooled	94,8%	94,5%	94,2%	74,3%	68,8%	57,6%	V04TEAAC#50AI12p1073

Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 V _z IC 611 cooling method										
4-pole										
1120	450S	AF	Oil self-cooled	95,0%	94,0%	93,0%	85,8%	81,4%	73,7%	V06TEAAC#50AI04p1502
1305	450L	AF	Oil self-cooled	95,2%	94,4%	93,6%	86,4%	82,4%	75,4%	V06TEAAC#50AI04p1750
1491	450L	AF	Oil self-cooled	95,5%	94,8%	94,1%	87,1%	83,5%	77,1%	V06TEAAC#50AI04p2000
1550	450L	AF	Oil self-cooled	95,6%	94,9%	94,3%	87,3%	83,8%	77,6%	V06TEAAC#50AI04p2079
1678	450L	AF	Oil self-cooled	95,8%	95,2%	94,7%	87,7%	84,5%	78,8%	V06TEAAC#50AI04p2250
1800	500S	AF	Oil self-cooled	96,0%	95,2%	94,6%	86,5%	82,7%	75,7%	V06TEAAC#50AI04p2414
1864	500S	AF	Oil self-cooled	96,0%	95,3%	94,7%	86,7%	83,0%	76,1%	V06TEAAC#50AI04p2500
2237	500L	AF	Oil self-cooled	96,3%	95,6%	95,1%	87,7%	84,5%	78,6%	V06TEAAC#50AI04p3000
2500	500L	AF	Oil self-cooled	96,4%	95,8%	95,4%	88,5%	85,6%	80,3%	V06TEAAC#50AI04p3353
6-pole										
800	450S	AF	Oil self-cooled	94,5%	93,9%	93,3%	79,9%	75,6%	65,7%	V06TEAAC#50AI06p1073
932	450L	AF	Oil self-cooled	94,7%	94,2%	93,7%	80,5%	76,5%	67,1%	V06TEAAC#50AI06p1250
1119	450L	AF	Oil self-cooled	95,0%	94,7%	94,3%	81,3%	77,8%	69,1%	V06TEAAC#50AI06p1500
1200	450L	AF	Oil self-cooled	95,2%	94,9%	94,5%	81,6%	78,4%	70,0%	V06TEAAC#50AI06p1609
1400	500S	AF	Oil self-cooled	93,7%	94,8%	94,3%	84,1%	84,5%	79,6%	V06TEAAC#50AI06p1877
1491	500L	AF	Oil self-cooled	93,8%	94,9%	94,4%	84,1%	84,2%	78,9%	V06TEAAC#50AI06p2000
1678	500L	AF	Oil self-cooled	94,0%	95,1%	94,6%	84,1%	83,7%	77,6%	V06TEAAC#50AI06p2250
1790	500L	AF	Oil self-cooled	94,2%	95,3%	94,7%	84,1%	83,4%	76,7%	V06TEAAC#50AI06p2400
1850	500L	AF	Oil self-cooled	94,3%	95,4%	94,8%	84,1%	83,2%	76,3%	V06TEAAC#50AI06p2481
8-pole										
630	450S	AF	Oil self-cooled	93,6%	94,0%	93,9%	79,9%	77,1%	68,5%	V06TEAAC#50AI08p845
671	450L	AF	Oil self-cooled	93,7%	94,1%	93,9%	79,4%	76,3%	67,2%	V06TEAAC#50AI08p900
746	450L	AF	Oil self-cooled	93,9%	94,2%	94,0%	78,5%	74,8%	65,0%	V06TEAAC#50AI08p1000
800	450L	AF	Oil self-cooled	94,1%	94,3%	94,0%	77,9%	73,7%	63,3%	V06TEAAC#50AI08p1073
1000	500S	AF	Oil self-cooled	95,0%	95,2%	95,5%	85,5%	83,9%	78,2%	V06TEAAC#50AI08p1341
1119	500L	AF	Oil self-cooled	95,2%	95,3%	95,4%	84,9%	82,6%	76,0%	V06TEAAC#50AI08p1500
1230	500L	AF	Oil self-cooled	95,3%	95,3%	95,4%	84,3%	81,4%	73,9%	V06TEAAC#50AI08p1650
1300	500L	AF	Oil self-cooled	95,4%	95,4%	95,3%	84,0%	80,7%	72,6%	V06TEAAC#50AI08p1743
10-pole										
400	450S	AF	Oil self-cooled	93,7%	93,2%	92,6%	75,0%	71,8%	60,4%	V06TEAAC#50AI10p536
447	450L	AF	Oil self-cooled	93,8%	93,4%	92,8%	75,7%	73,0%	62,0%	V06TEAAC#50AI10p600
522	450L	AF	Oil self-cooled	94,0%	93,6%	93,2%	76,9%	74,7%	64,4%	V06TEAAC#50AI10p700
570	450L	AF	Oil self-cooled	94,1%	93,8%	93,4%	77,7%	75,9%	66,0%	V06TEAAC#50AI10p764
710	500S	AF	Oil self-cooled	94,1%	94,8%	94,9%	81,9%	79,4%	71,6%	V06TEAAC#50AI10p952
746	500S	AF	Oil self-cooled	94,2%	94,8%	94,9%	82,0%	79,4%	71,6%	V06TEAAC#50AI10p1000
932	500L	AF	Oil self-cooled	94,4%	95,0%	95,0%	82,1%	79,6%	71,8%	V06TEAAC#50AI10p1250
1000	500L	AF	Oil self-cooled	94,5%	95,1%	95,1%	82,1%	79,6%	71,9%	V06TEAAC#50AI10p1341
12-pole										
280	450S	AF	Oil self-cooled	92,7%	91,9%	90,4%	63,6%	56,4%	43,5%	V06TEAAC#50AI12p375
298	450L	AF	Oil self-cooled	92,8%	92,0%	90,6%	64,3%	57,3%	44,4%	V06TEAAC#50AI12p400
336	450L	AF	Oil self-cooled	93,0%	92,3%	91,0%	65,8%	59,1%	46,3%	V06TEAAC#50AI12p450
373	450L	AF	Oil self-cooled	93,1%	92,5%	91,5%	67,3%	60,8%	48,1%	V06TEAAC#50AI12p500
380	450L	AF	Oil self-cooled	93,2%	92,6%	91,5%	67,6%	61,2%	48,5%	V06TEAAC#50AI12p510
500	500S	AF	Oil self-cooled	94,3%	94,2%	93,9%	75,4%	70,3%	59,5%	V06TEAAC#50AI12p671
522	500S	AF	Oil self-cooled	94,4%	94,2%	93,9%	75,1%	69,8%	58,9%	V06TEAAC#50AI12p700
597	500L	AF	Oil self-cooled	94,5%	94,2%	93,8%	74,0%	68,3%	56,9%	V06TEAAC#50AI12p800
671	500L	AF	Oil self-cooled	94,6%	94,2%	93,7%	72,9%	66,7%	54,9%	V06TEAAC#50AI12p900
690	500L	AF	Oil self-cooled	94,6%	94,2%	93,6%	72,7%	66,3%	54,4%	V06TEAAC#50AI12p925
700	500L	AF	Oil self-cooled	94,7%	94,2%	93,6%	72,5%	66,1%	54,1%	V06TEAAC#50AI12p939

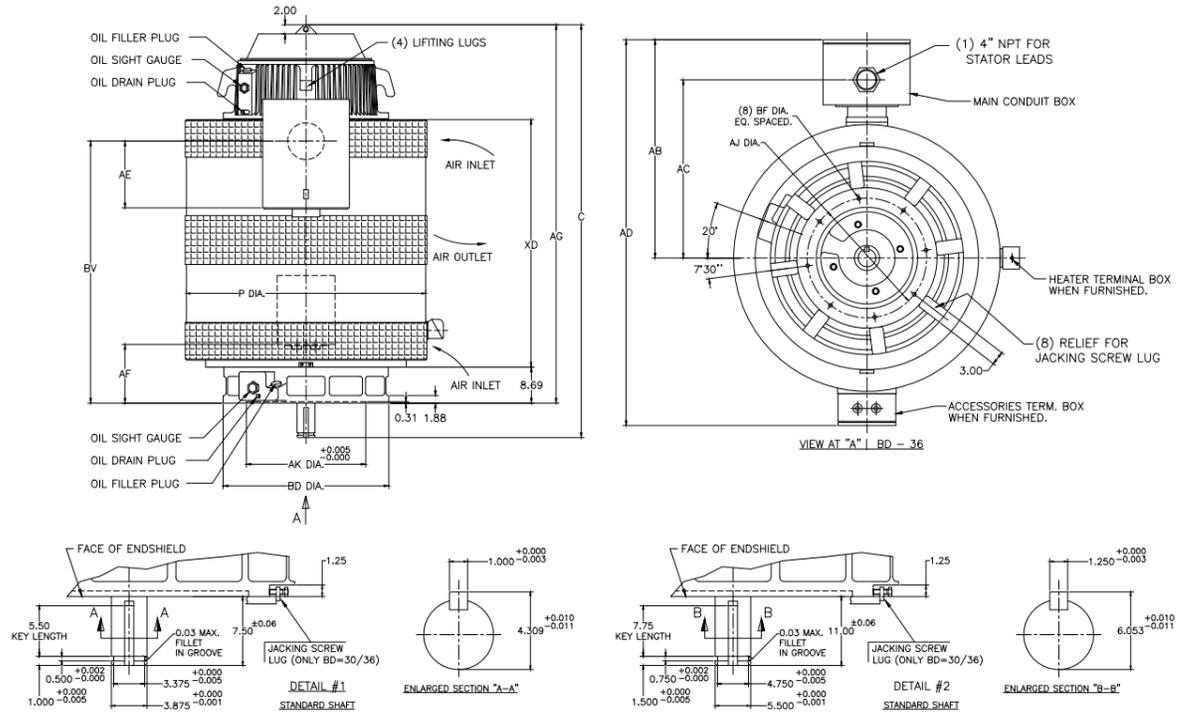
Power HP	GEV Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
11 kV 50 V_z IC 611 cooling metVod										
4-pole										
900	450S	AF	Oil self-cooled	94,1%	92,9%	91,7%	85,7%	80,9%	72,6%	V11TEAAC#50AI04p1207
932	450S	AF	Oil self-cooled	94,2%	93,1%	91,9%	85,9%	81,3%	73,2%	V11TEAAC#50AI04p1250
1119	450L	AF	Oil self-cooled	94,6%	93,7%	92,8%	87,3%	83,5%	76,8%	V11TEAAC#50AI04p1500
1300	450L	AF	Oil self-cooled	95,1%	94,3%	93,7%	88,6%	85,6%	80,3%	V11TEAAC#50AI04p1743
1305	450L	AF	Oil self-cooled	95,1%	94,4%	93,7%	88,7%	85,7%	80,4%	V11TEAAC#50AI04p1750
1500	500S	AF	Oil self-cooled	95,5%	94,6%	93,6%	86,5%	82,4%	75,2%	V11TEAAC#50AI04p2011
1678	500L	AF	Oil self-cooled	95,6%	94,8%	93,9%	87,0%	82,9%	75,9%	V11TEAAC#50AI04p2250
1864	500L	AF	Oil self-cooled	95,8%	95,0%	94,2%	87,5%	83,5%	76,6%	V11TEAAC#50AI04p2500
1900	500L	AF	Oil self-cooled	95,8%	95,0%	94,2%	87,6%	83,6%	76,7%	V11TEAAC#50AI04p2548
6-pole										
533	450S	AF	Oil self-cooled	93,7%	93,0%	92,0%	82,6%	78,8%	69,9%	V11TEAAC#50AI06p715
597	450L	AF	Oil self-cooled	93,8%	93,1%	92,2%	82,3%	78,3%	69,2%	V11TEAAC#50AI06p800
671	450L	AF	Oil self-cooled	93,9%	93,2%	92,4%	81,9%	77,8%	68,4%	V11TEAAC#50AI06p900
746	450L	AF	Oil self-cooled	94,0%	93,4%	92,6%	81,5%	77,2%	67,6%	V11TEAAC#50AI06p1000
900	450L	AF	Oil self-cooled	94,3%	93,7%	92,9%	80,7%	76,1%	66,0%	V11TEAAC#50AI06p1207
932	450L	AF	Oil self-cooled	94,3%	93,7%	93,0%	80,5%	75,9%	65,7%	V11TEAAC#50AI06p1250
1120	500S	AF	Oil self-cooled	93,1%	94,2%	93,8%	85,9%	86,2%	81,5%	V11TEAAC#50AI06p1502
1300	500L	AF	Oil self-cooled	93,4%	94,3%	93,6%	83,4%	81,7%	73,7%	V11TEAAC#50AI06p1743
1305	500L	AF	Oil self-cooled	93,4%	94,3%	93,6%	83,4%	81,6%	73,5%	V11TEAAC#50AI06p1750
8-pole										
630	500S	AF	Oil self-cooled	94,1%	94,3%	94,4%	85,0%	82,2%	74,8%	V11TEAAC#50AI08p845
671	500S	AF	Oil self-cooled	94,1%	94,3%	94,4%	84,9%	82,0%	74,5%	V11TEAAC#50AI08p900
746	500S	AF	Oil self-cooled	94,3%	94,4%	94,5%	84,8%	81,7%	74,0%	V11TEAAC#50AI08p1000
932	500L	AF	Oil self-cooled	94,6%	94,7%	94,6%	84,4%	81,0%	72,7%	V11TEAAC#50AI08p1250
1000	500L	AF	Oil self-cooled	94,8%	94,7%	94,6%	84,3%	80,7%	72,2%	V11TEAAC#50AI08p1341
10-pole										
530	500S	AF	Oil self-cooled	93,5%	94,2%	94,1%	82,9%	80,2%	72,3%	V11TEAAC#50AI10p711
597	500L	AF	Oil self-cooled	93,7%	94,3%	94,2%	82,6%	79,6%	71,3%	V11TEAAC#50AI10p800
671	500L	AF	Oil self-cooled	93,9%	94,5%	94,3%	82,2%	79,0%	70,2%	V11TEAAC#50AI10p900
690	500L	AF	Oil self-cooled	94,0%	94,5%	94,3%	82,1%	78,8%	70,0%	V11TEAAC#50AI10p925
700	500L	AF	Oil self-cooled	94,0%	94,5%	94,3%	82,0%	78,7%	69,8%	V11TEAAC#50AI10p939
12-pole										
355	500S	AF	Oil self-cooled	93,6%	93,2%	92,6%	74,1%	67,9%	56,1%	V11TEAAC#50AI12p476
373	500S	AF	Oil self-cooled	93,7%	93,3%	92,6%	73,7%	67,4%	55,5%	V11TEAAC#50AI12p500
447	500L	AF	Oil self-cooled	93,9%	93,4%	92,6%	72,2%	65,3%	53,0%	V11TEAAC#50AI12p600
485	500L	AF	Oil self-cooled	94,1%	93,5%	92,6%	71,4%	64,2%	51,7%	V11TEAAC#50AI12p650
500	500L	AF	Oil self-cooled	94,1%	93,5%	92,6%	71,1%	63,8%	51,2%	V11TEAAC#50AI12p671



Weather protected type II (WP-II) NEMA BD 42



Weather protected type II (WP-II) NEMA BD 36



Example for frame size: 8300s / 8400s = short frame | 8300I / 8400I = long frame

Example for frame size: 8300s / 8400s = short frame | 8300I / 8400I = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	C	XD	P DIA.
8300SP42	4-12	Detail #1	42	AF Bearing	10800	54,30	46,90	96,40	17	15,39	63,17	88,53	39	1.1/8"	33,75	96,03	59,30	62
8300LP42	4-12	Detail #1	42	AF Bearing	12250	54,30	46,90	96,40	17	15,39	71,17	96,53	39	1.1/8"	33,75	104,03	67,30	62
8400SP42	4-12	Detail #1	42	AF Bearing	13800	56,81	49,42	101,43	17	17,63	69,51	98,55	39	1.1/8"	33,75	106,05	65,63	67
8400LP42	4-12	Detail #1	42	AF Bearing	15400	56,81	49,42	101,43	17	17,63	77,51	106,55	39	1.1/8"	33,75	114,05	73,63	67

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	C	XD	P DIA.
8300SP36	4-12	Detail #1	36	AF Bearing	10750	54,30	46,90	96,40	17,00	15,39	63,17	88,53	32	1	26	96,03	59,30	62
8300LP36	4-12	Detail #1	36	AF Bearing	12180	54,30	46,90	96,40	17,00	15,39	71,17	96,53	32	1	26	104,03	67,30	62
8400SP36	4-12	Detail #1	36	AF Bearing	13720	56,81	49,42	101,43	17,00	17,63	69,51	98,55	32	1	26	106,05	65,63	67
8400LP36	4-12	Detail #1	36	AF Bearing	15350	56,81	49,42	101,43	17,00	17,63	77,51	106,55	32	1	26	114,05	73,63	67

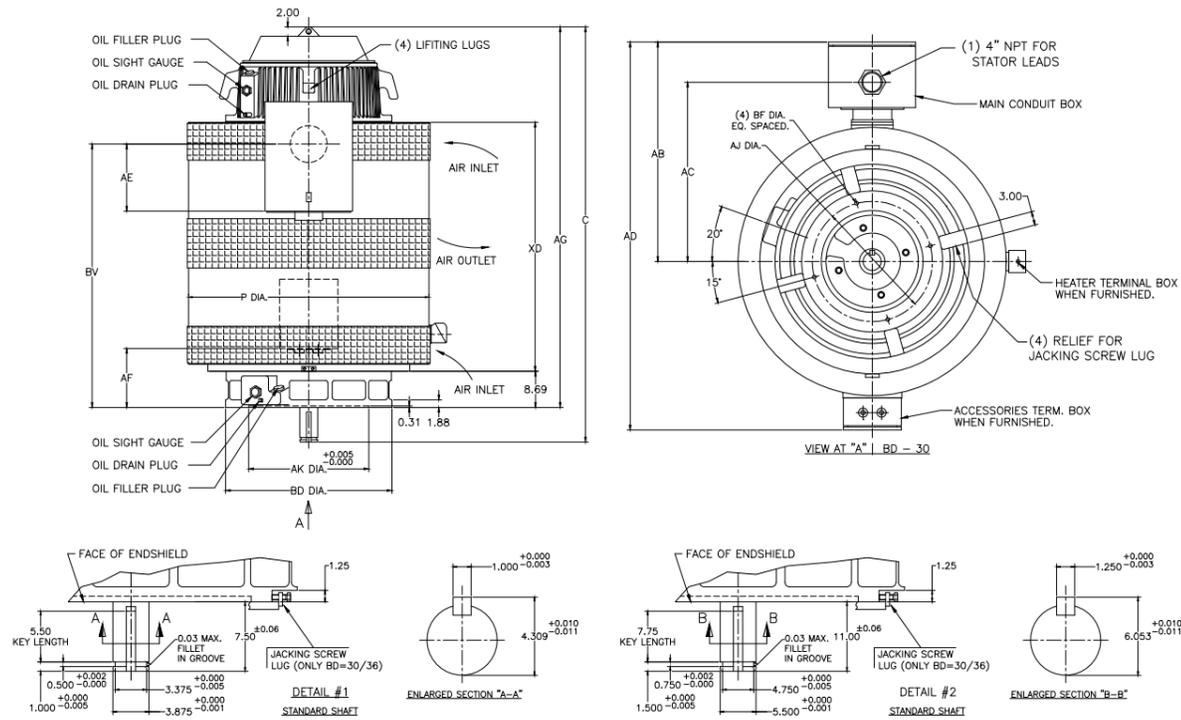
Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Weather protected type II (WP-II) NEMA BD 30



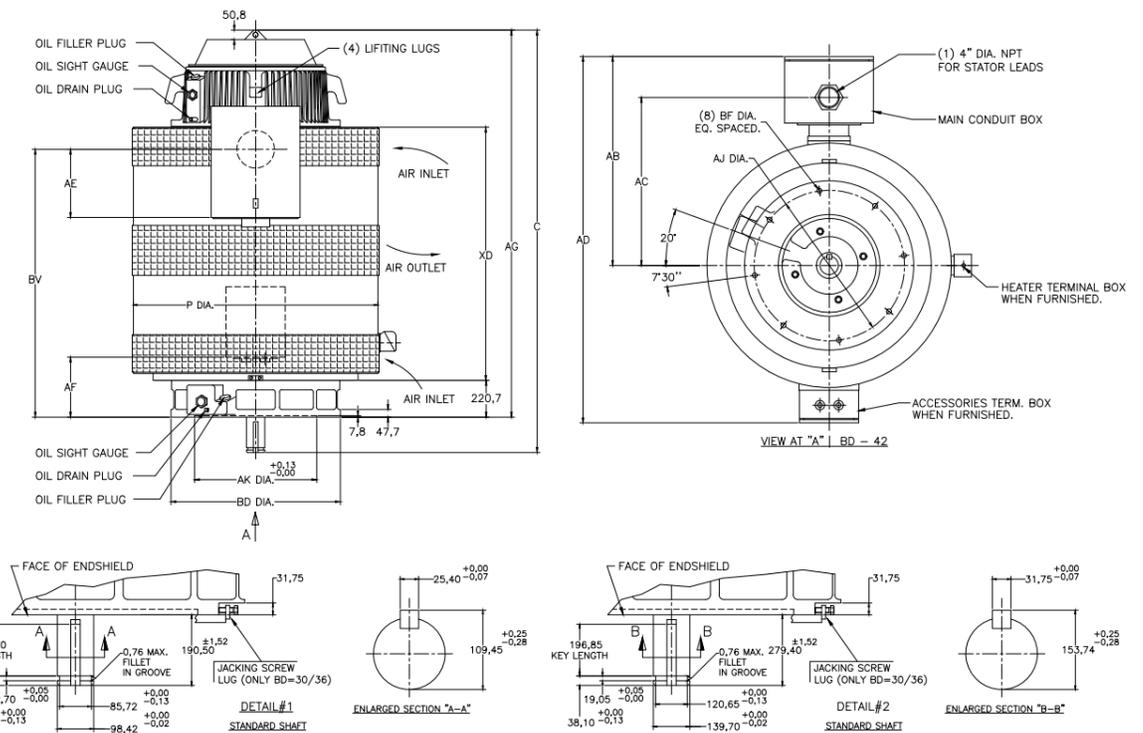
Example for frame size: 8300s / 8400s = short frame | 8300I / 8400I = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	C	XD	P DIA.
8300SP30	4-12	Detail #1	30,5	AF Bearing	10690	54,30	46,90	96,40	17,00	15,39	63,17	88,53	26	13/16	22	96,03	59,30	62
		Detail #2																
8300LP30	4-12	Detail #1	30,5	AF Bearing	12120	54,30	46,90	96,40	17,00	15,39	71,17	96,53	26	13/16	22	104,03	67,30	62
Detail #2																		

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

IP24 IC 01 IEC BD 42



Example for frame size: 450s / 500s = short frame | 450I / 500I = long frame

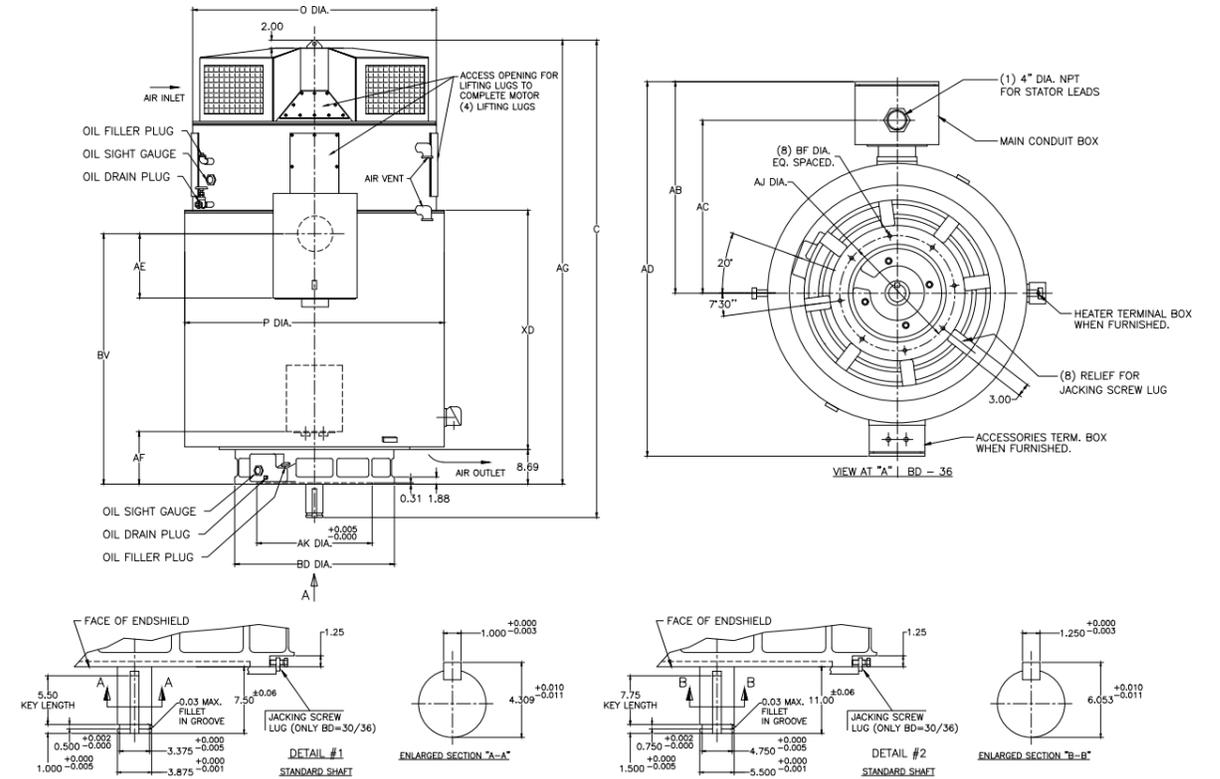
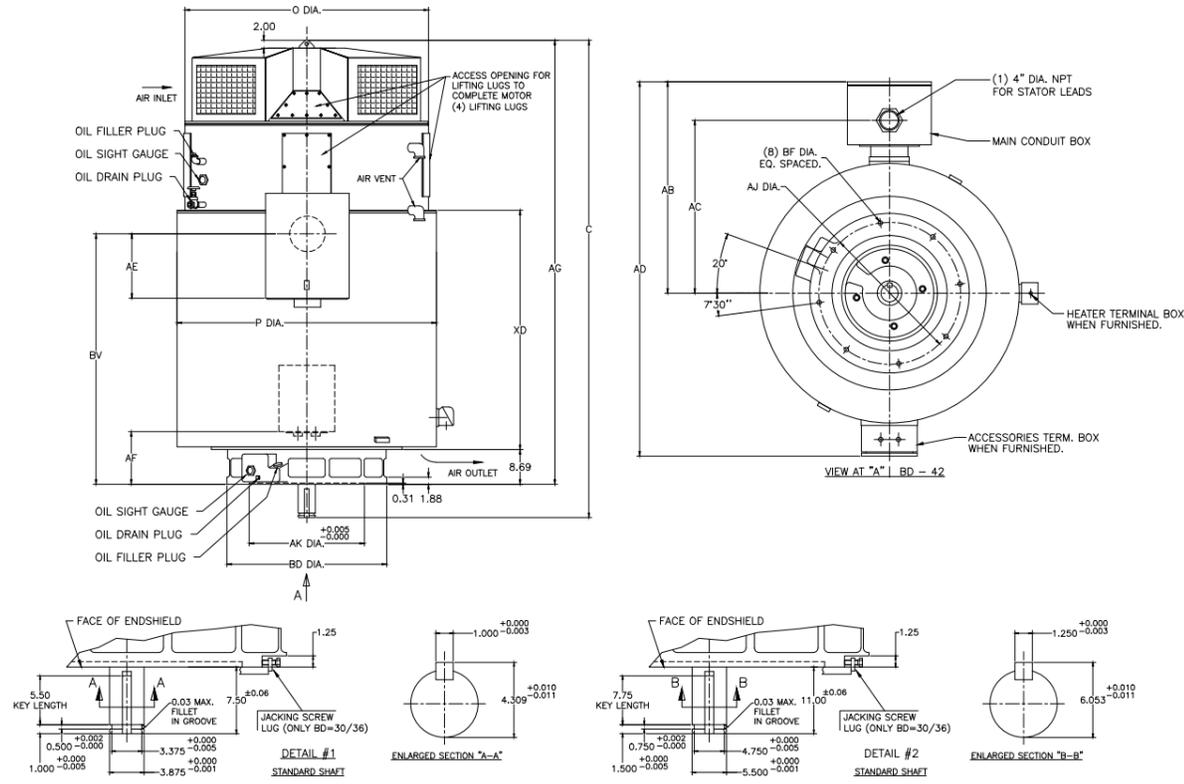
Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	C	XD	P DIA.
450SP42	4-12	Detail #1	30,5	AF Bearing	4900	1379	1191	2449	432	391	1605	2249	991	29	857	2439	1506	1575
		Detail #2																
450LP42	4-12	Detail #1	30,5	AF Bearing	5550	1379	1191	2449	432	391	1605	2249	991	29	857	2642	1709	1575
		Detail #2																
500SP42	4-12	Detail #1	30,5	AF Bearing	6250	1443	1255	2576	448	448	1765	2503	991	29	857	2694	1667	1702
		Detail #2																
500LP42	4-12	Detail #1	30,5	AF Bearing	6990	1443	1255	2576	448	448	1969	2706	991	29	857	2897	1870	1702
		Detail #2																

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Totally enclosed air-to-air cooled (TEAAC) NEMA BD 42

Totally Enclosed Air-to-Air Cooled (TEAAC) NEMA BD 36



Example for frame size: 8300s / 8400s = short frame | 8300l / 8400l = long frame

Example for frame size: 8300s / 8400s = short frame | 8300l / 8400l = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BFDIA.	AK	C	XD	P DIA.	ODIA.
8300SP42	4-12	Detail #1	42	AF Bearing	12750	58,05	50,66	103,90	17	15,39	63,17	114,16	39	1.1/8"	33,75	121,65	59,30	69,5	65,25
																125,15			
8300LP42	4-12	Detail #1	42	AF Bearing	14250	58,05	50,66	103,90	17	15,39	71,17	122,16	39	1.1/8"	33,75	129,66	67,30	69,5	65,25
																133,16			
8400SP42	4-12	Detail #1	42	AF Bearing	15800	60,74	53,36	109,3	17	17,63	69,50	123,33	39	1.1/8"	33,75	130,83	65,63	74,75	70,50
																134,33			
8400LP42	4-12	Detail #1	42	AF Bearing	17900	60,74	53,36	109,3	17	17,63	77,50	131,33	39	1.1/8"	33,75	138,83	73,63	74,75	70,50
																142,33			

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BFDIA.	AK	C	XD	P DIA.	ODIA.
8300SP36	4-12	Detail #1	36	AF Bearing	12690	58,05	50,66	103,90	17	15,39	63,17	114,16	32	1	26	121,65	59,30	69,5	65,25
																125,15			
8300LP36	4-12	Detail #1	36	AF Bearing	14190	58,05	50,66	103,90	17	15,39	71,17	122,16	32	1	26	129,66	67,30	69,5	65,25
																133,16			
8400SP36	4-12	Detail #1	36	AF Bearing	15750	60,74	53,36	109,3	17	17,63	69,50	123,33	32	1	26	130,83	65,63	74,75	70,50
																134,33			
8400LP36	4-12	Detail #1	36	AF Bearing	17850	60,74	53,36	109,3	17	17,63	77,50	131,33	32	1	26	138,83	73,63	74,75	70,50
																142,33			

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

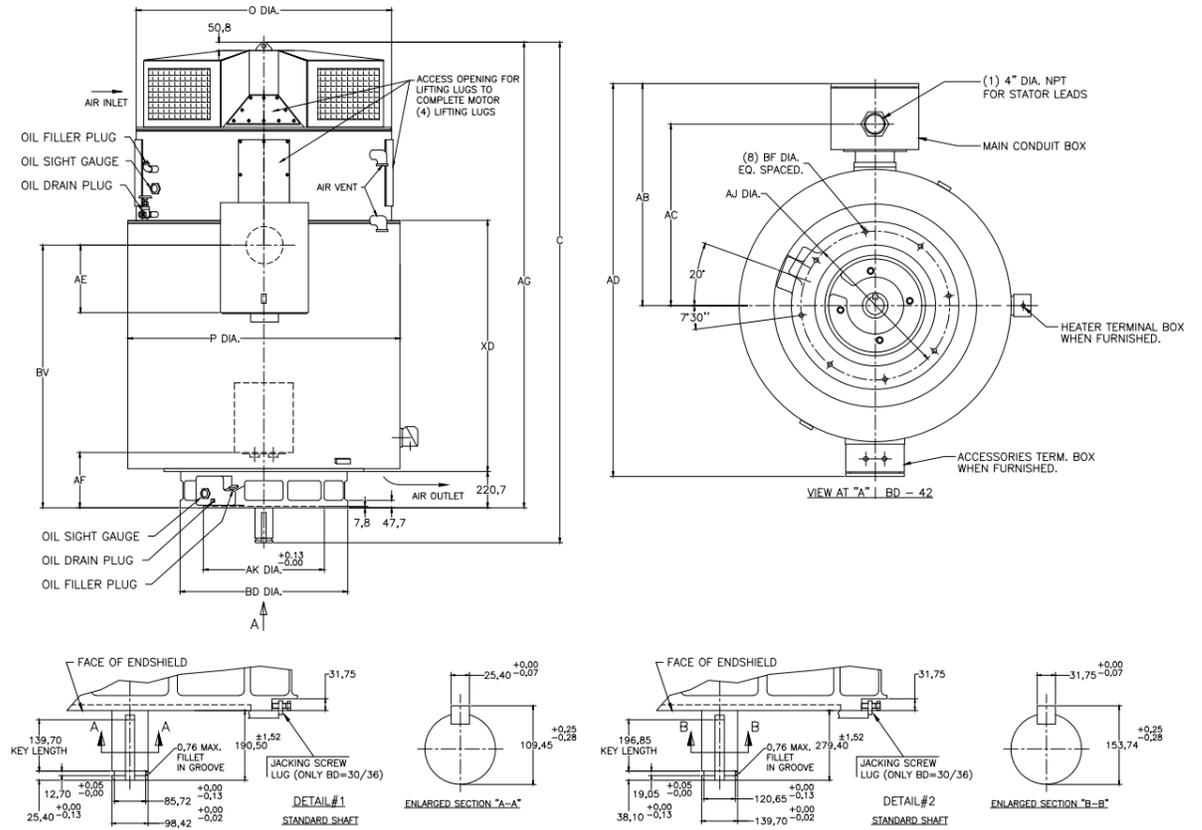
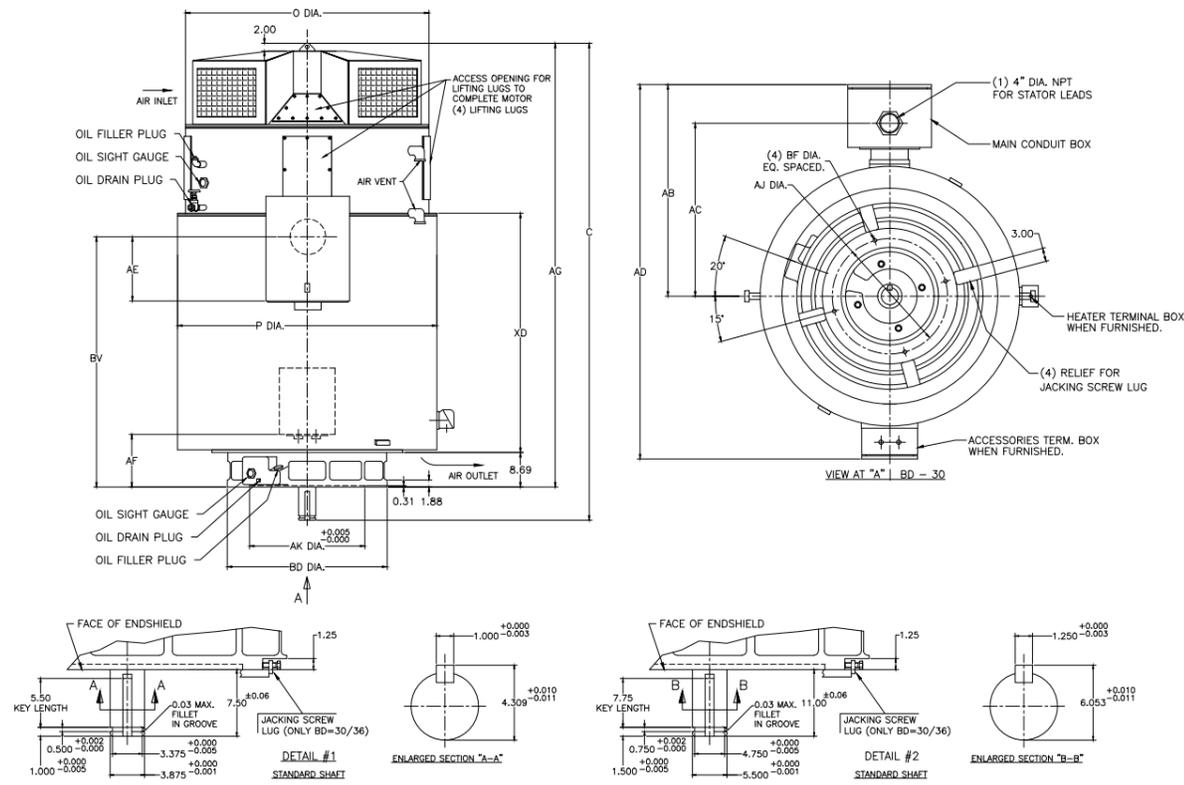
Dimensions above are in inches.

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Totally enclosed air-to-Air Cooled (TEAAC) NEMA BD 30

IP54/55 IC 611 IEC BD 42



Example for frame size: 8300s / 8400s = short frame | 8300l / 8400l = long frame

Example for frame size: 450s / 500s = short frame | 450l / 500l = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BFDIA.	AK	C	XD	P DIA.	ODIA.
8300SP30	4-12	Detail #1	30,5	AF Bearing	12660	58,05	50,66	103,90	17	15,39	63,17	114,16	26	13/16	22	121,65	59,30	69,5	65,25
		Detail #2																	
8300LP30	4-12	Detail #1	30,5	AF Bearing	14150	58,05	50,66	103,90	17	15,39	71,17	122,16	26	13/16	22	129,66	67,30	69,5	65,25
		Detail #2																	

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BFDIA.	AK	C	XD	P DIA.	ODIA.
450SP42	4-12	Detail #1	1066,8	AF Bearing	5780	1474,47	1286,764	2639,06	432	391	1605	2900	991	29	857	3090	1506	1765	1657
		Detail #2																	
450LP42	4-12	Detail #1	1066,8	AF Bearing	6460	1474,47	1286,764	2639,06	432	391	1808	3103	991	29	857	3293	1709	1765	1657
		Detail #2																	
500SP42	4-12	Detail #1	1066,8	AF Bearing	7170	1543	1355	2776	432	448	1765	3133	991	29	857	3323	1667	1899	1791
		Detail #2																	
500LP42	4-12	Detail #1	1066,8	AF Bearing	8120	1543	1355	2776	432	448	1969	3336	991	29	857	3526	1870	1899	1791
		Detail #2																	

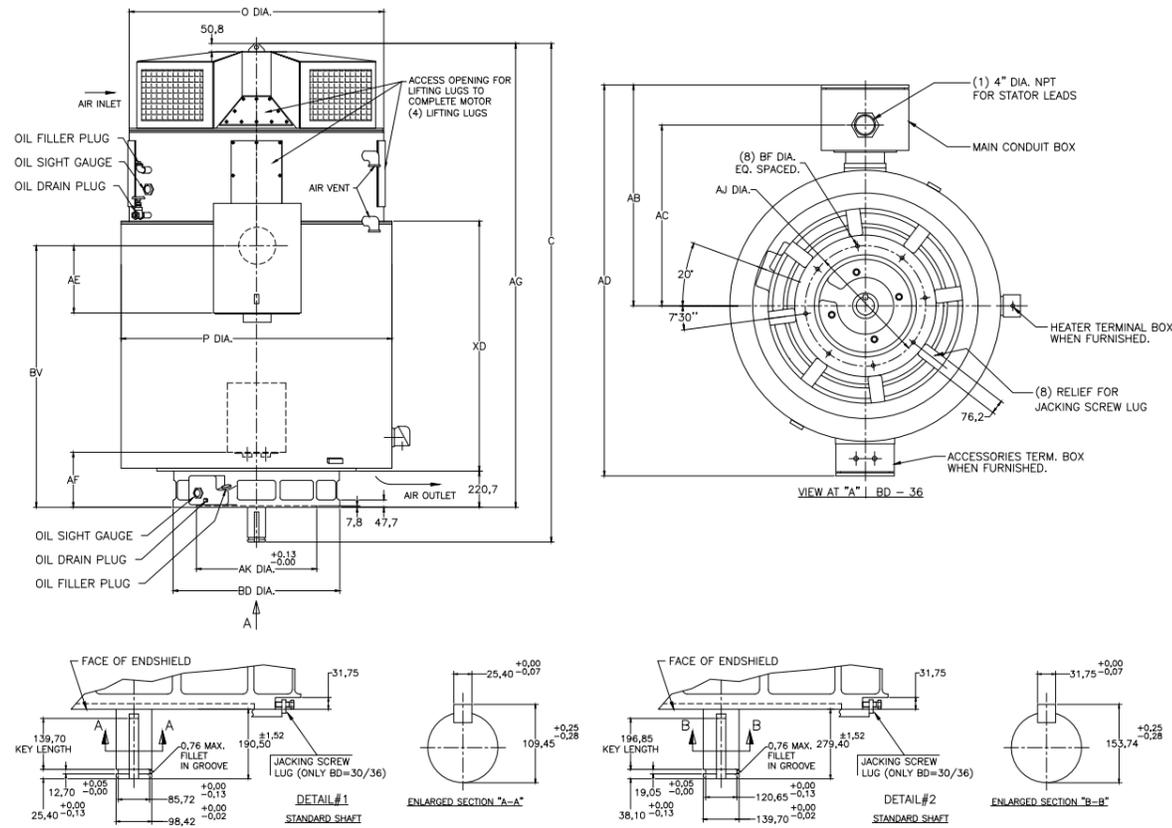
Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

IP54/55 IC 611 IEC BD 36



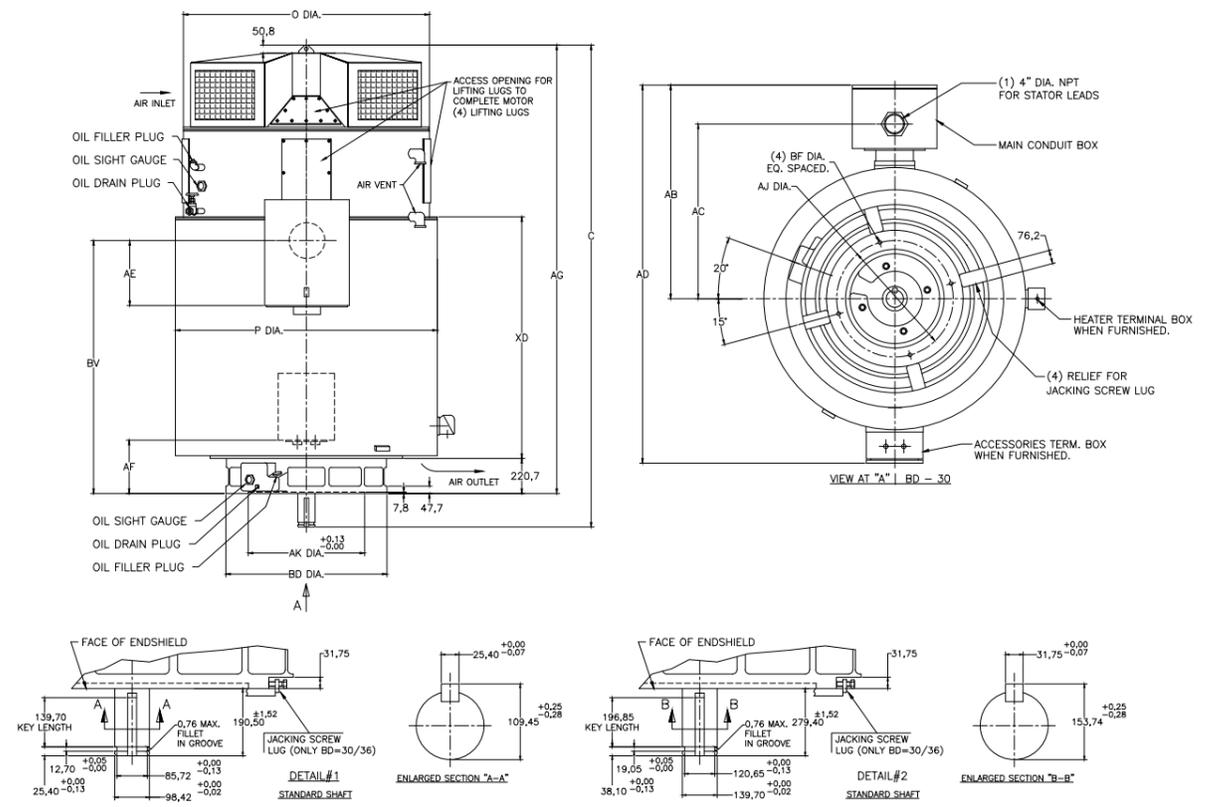
Example for frame size: 450s / 500s = short frame | 450l / 500l = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	C	XD	P DIA.	ODIA.
450SP36	4-12	Detail #1	914	AF Bearing	5755	1474,47	1286,764	2639,06	432	391	1605	2900	813	25	660	3090	1506	1765	1657
		Detail #2														3179			
450LP36	4-12	Detail #1	914	AF Bearing	6435	1474,47	1286,764	2639,06	432	391	1808	3103	813	25	660	3293	1709	1765	1657
		Detail #2														3382			
500SP36	4-12	Detail #1	914	AF Bearing	7145	1543	1355	2776	448	448	1765	3133	813	25	660	3323	1667	1899	1791
		Detail #2														3412			
500LP36	4-12	Detail #1	914	AF Bearing	8095	1543	1355	2776	448	448	1969	3336	813	25	660	3526	1870	1899	1791
		Detail #2														3615			

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

IP54/55 IC 611 IEC BD 30



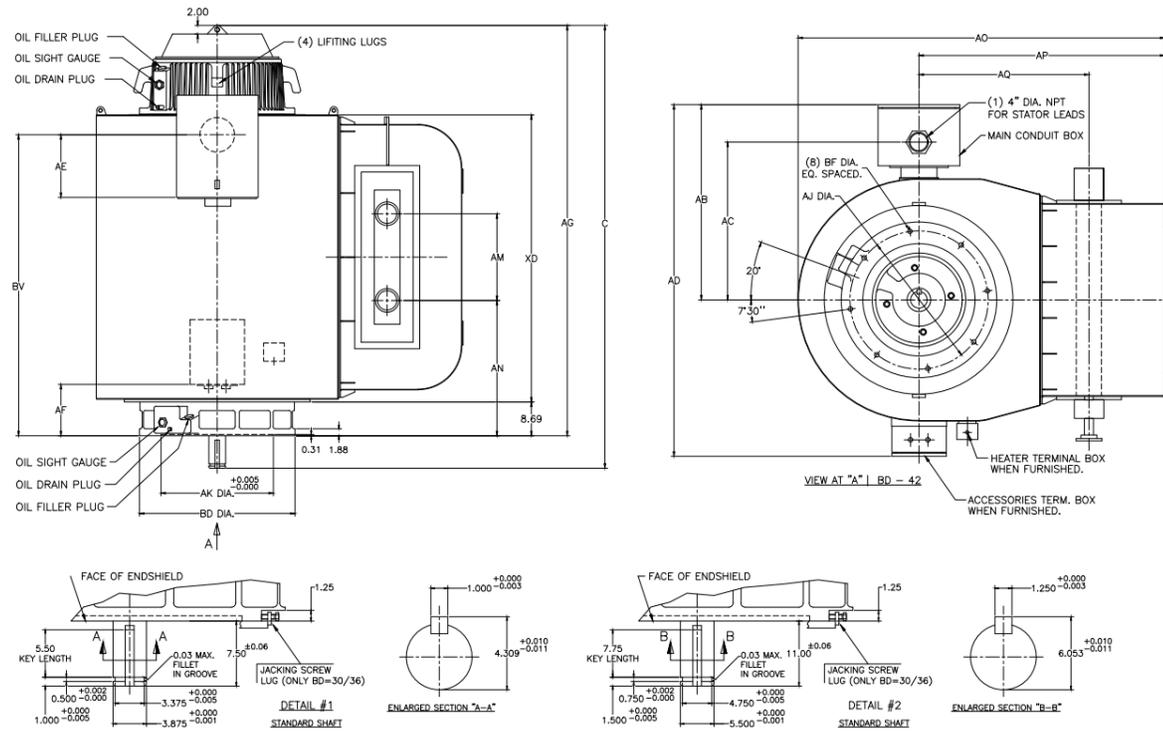
Example for frame size: 450s / 500s = short frame | 450l / 500l = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	C	XD	P DIA.	ODIA.
450SP30	4-12	Detail #1	774,7	AF Bearing	5740	1474,47	1286,764	2639,06	432	391	1605	2900	660	21	559	3090	1506	1765	1657
		Detail #2														3179			
450LP30	4-12	Detail #1	774,7	AF Bearing	6420	1474,47	1286,764	2639,06	432	391	1808	3103	660	21	559	3293	1709	1765	1657
		Detail #2														3382			

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Totally enclosed water-to-air cooled (TEWAC) NEMA BD 42



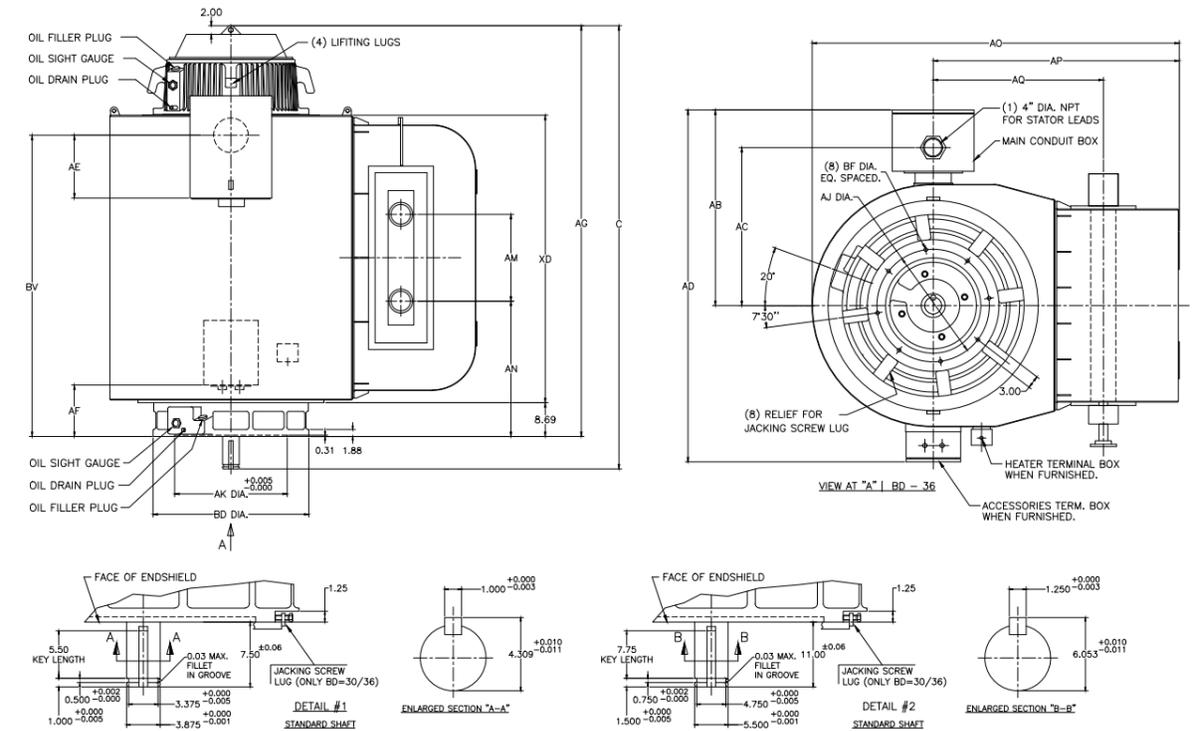
Example for frame size: 8300S / 8400S = short frame | 8300I / 8400I = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	AM	AN	XD	AO	AP	AQ	C
8300SP42	4-12	Detail #1	42	AF Bearing	12600	51,19	43,81	89,79	15,39	17	63,17	96,53	39	11/8"	33,75	31,5	27,25	59,30	84,88	56,88	38	99,53
																						96,03
8300LP42	4-12	Detail #1	42	AF Bearing	14200	51,19	43,81	89,79	15,39	17	71,17	88,53	39	11/8"	33,75	31,5	27,25	67,30	84,88	56,88	38	104,03
																						107,53
8400SP42	4-12	Detail #1	42	AF Bearing	15900	53,69	46,31	101,43	17,63	17	69,51	98,55	39	11/8"	33,75	31,5	30,4	65,63	91,25	61,13	41,56	106,05
																						109,55
8400LP42	4-12	Detail #1	42	AF Bearing	17700	53,69	46,31	101,43	17,63	17	77,51	106,55	39	11/8"	33,75	31,5	30,4	73,63	91,25	61,13	41,56	114,05
																						117,55

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Totally enclosed water-to-air cooled (TEWAC) NEMA BD 36



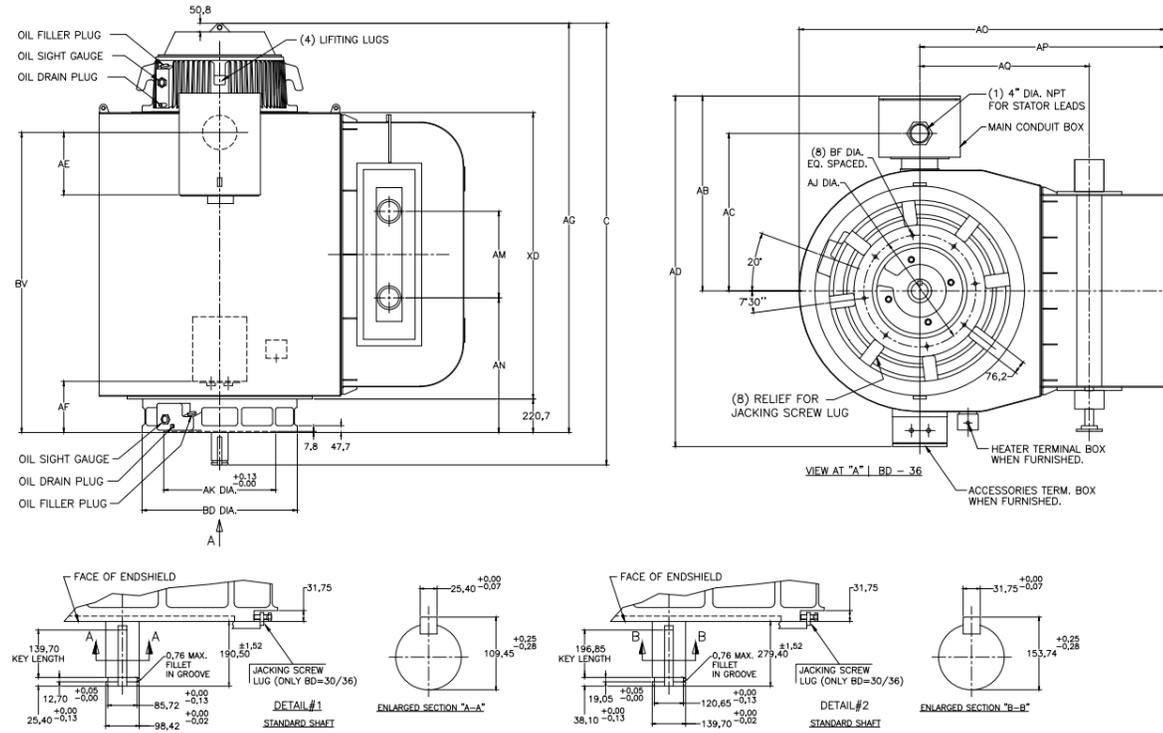
Example for frame size: 8300s / 8400s = short frame | 8300I / 8400I = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	AM	AN	XD	AO	AP	AQ	C
8300SP36	4-12	Detail #1	36	AF Bearing	12500	51,19	43,81	89,79	15,39	17,00	63,17	96,53	32	1	26	31,5	27,25	59,30	84,88	56,88	38	99,53
																						96,03
8300LP36	4-12	Detail #1	36	AF Bearing	14170	51,19	43,81	89,79	15,39	17,00	71,17	88,53	32	1	26	31,5	27,25	67,30	84,88	56,88	38	104,03
																						107,53
8400SP36	4-12	Detail #1	36	AF Bearing	15820	53,69	46,31	101,43	17,63	17,00	69,51	98,55	32	1	26	31,5	30,4	65,63	91,25	61,13	41,56	106,05
																						109,55
8400LP36	4-12	Detail #1	36	AF Bearing	17650	53,69	46,31	101,43	17,63	17,00	77,51	106,55	32	1	26	31,5	30,4	73,63	91,25	61,13	41,56	114,05
																						117,55

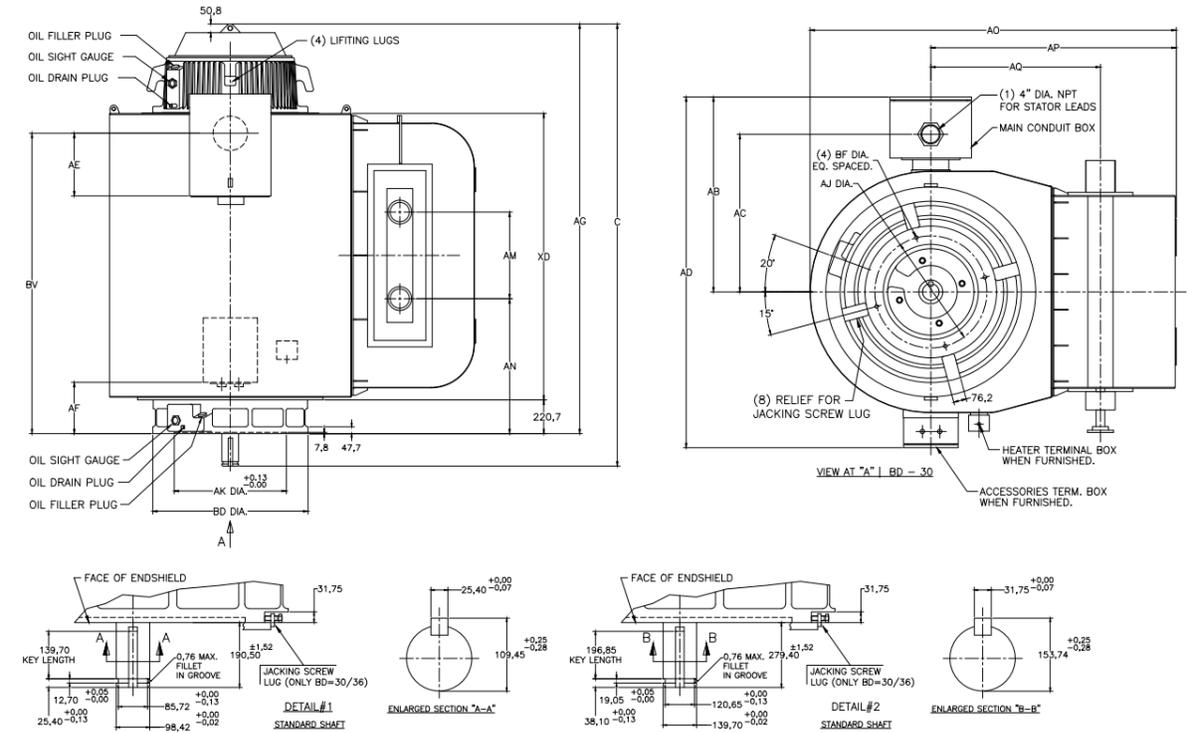
Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

IP54/55 IC 81W IEC BD 36



P54/55 IC 81W IEC BD 30



Example for frame size: 450s / 500s = short frame | 450l / 500l = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	AM	AN	XD	AO	AP	AQ	C
8300SP36	4-12	Detail #1	914,4	AF Bearing	5675	1300	1113	2280,666	391	1605	2452	692	813	25	660	800	772	1506	2155,825	1444,625	965	2528
																						2439
8300LP36	4-12	Detail #1	914,4	AF Bearing	6425	1300	1113	2280,666	391	1605	2452	692	813	25	660	800	772	1709	2155,825	1444,625	965	2642
																						2731
8400SP36	4-12	Detail #1	914,4	AF Bearing	7175	1364	1176	2576,322	448	1765	2503	772	813	25	660	800	772	1667	2317,75	1552,702	1056	2694
																						2783
8400LP36	4-12	Detail #1	914,4	AF Bearing	8005	1364	1176	2576,322	448	1765	2503	772	813	25	660	800	772	1969	2317,75	1552,702	1056	2897
																						2986

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

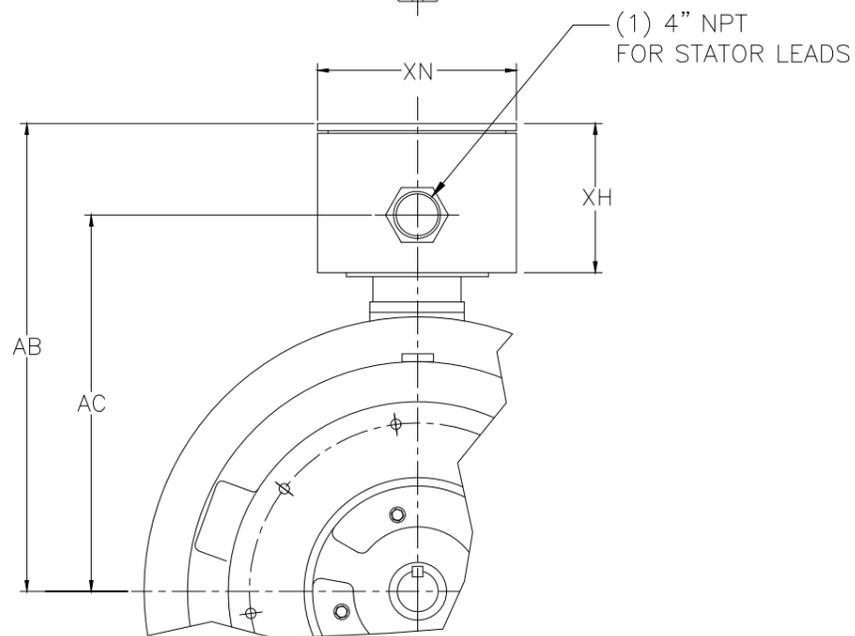
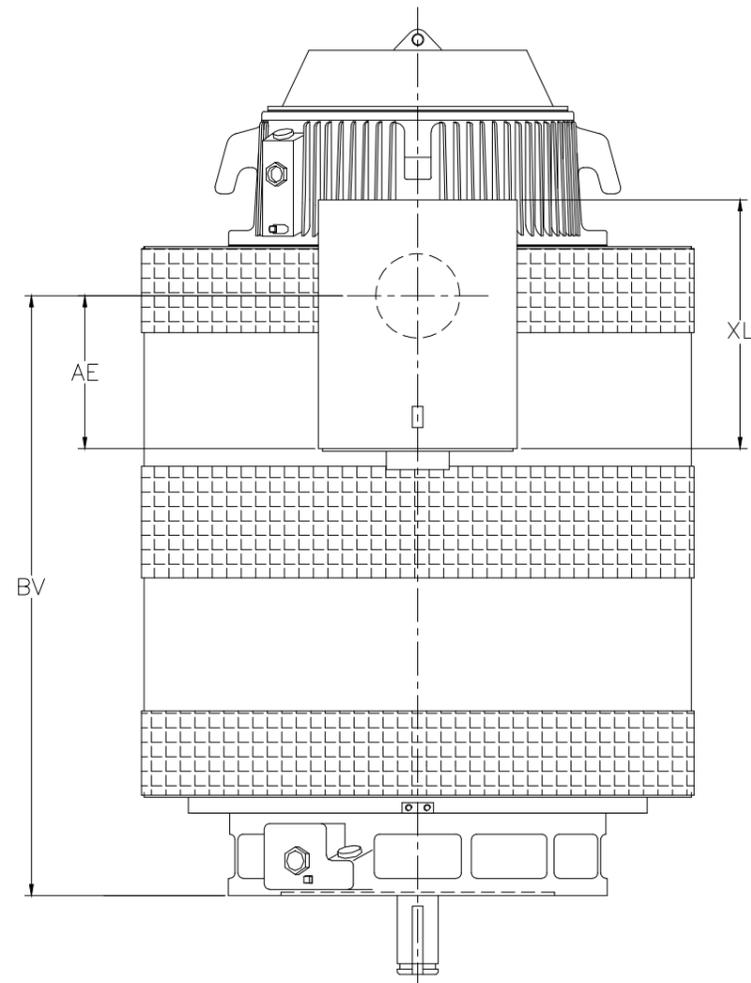
Example for frame size: 450s / 500s = short frame | 450l / 500l = long frame

Frame	Poles	SHAFT	BD DIA.	Bearing	Weight (lbs)	AB	AC	AD	AE	AF	BV	AG	AJ	BF DIA.	AK	AM	AN	XD	AO	AP	AQ	C
8300SP30	4-12	Detail #1	774,7	AF Bearing	5660	1300	1113	2280,666	432	391	1605	2452	660	21	559	800	692	1506	2155,825	1444,625	965	2528
																						2439
8300LP30	4-12	Detail #1	774,7	AF Bearing	6410	1300	1113	2280,666	432	391	1605	2452	660	21	559	800	692	1709	2155,825	1444,625	965	2642
																						2731

Note # 1: Main Terminal Box is applicable for 4.8kV without accessories
*90 dba only

Dimensions above are in inches.

Terminal box dimensions



Oversize conduit boxes for high voltage (no protective equipment)			
Voltage	Up to 4800 V	4801 to 6900 V	6901 to 16000 V
Box Number	NEMA II_1	NEMA II_2	24

Oversize conduit boxes for protective equipment			
Protective Equipment	Box Number		
	Up to 4800 V	4801 to 6900 V	6901 to 16000 V
(3) Surge Capacitors	24	24	25
(3) Lightning Arrestors	24	24	25
(3) CT's (6 leads)	24	24	25
(3) CT's (3 leads)	24	24	25
"(3) CT's (6 leads) with or without capacitors or arrestors"	24	24	25
Capacitors and Arrestors	24	24	25
Capacitors and Arrestors and CT's	24	24	25

NEMA

Oversize conduit boxes dimensions (inches)			
No	XN	XH	AE
NEMA II_1	27	18	17
NEMA II_2	30	18	22

IEC

Oversize conduit boxes dimensions (millimeters)				
No	XL	XN	XH	AE
NEMA II_1	660,4	685,8	457,2	431,8
NEMA II_2	914,4	762	457,2	558,8

Oversize conduit boxes dimensions (inches)		
No	XN	XH
24	52,2	44,75
25	58,38	54,88

Oversize conduit boxes dimensions (millimeters)			
No	XL	XN	XH
24	914,4	1325,9	1136,7
25	914,4	1482,9	1394,0

AB dimensions					
8300-WPII	8400-WPII	8300-TEWAC	8400-TEWAC	8300-TEAAC	8400-TEAAC
82,31	84,87	79,19	81,69	86,06	88,75
92,44	95	89,32	91,82	96,19	98,88

AC dimensions					
8300-WPII	8400-WPII	8300-TEWAC	8400-TEWAC	8300-TEAAC	8400-TEAAC
76,56	79,12	73,44	75,94	80,31	83
86,69	89,25	83,57	86,07	90,44	93,13

AE dimensions			
8300-LONG	8300-SHORT	8400-LONG	8400-SHORT
49,91	41,91	49,91	48,36

AB dimensions					
8300-WPII	8400-WPII	8300-TEWAC	8400-TEWAC	8300-TEAAC	8400-TEAAC
2090,7	2155,7	2011,4	2074,9	2185,9	2254,3
2348,0	2413,0	2268,7	2332,2	2443,2	2511,6

AC dimensions					
8300-WPII	8400-WPII	8300-TEWAC	8400-TEWAC	8300-TEAAC	8400-TEAAC
1944,6	2009,6	1865,4	1928,9	2039,9	2108,2
2201,9	2267,0	2122,7	2186,2	2297,2	2365,5

AE dimensions			
8300-LONG	8300-SHORT	8400-LONG	8400-SHORT
1267,7	1064,5	1267,7	1228,3

GLOBAL SERVICES



Training



Spare and replacement parts



Responsive support



Field service and repairs



Contractual services



Modernizations and upgrades

Global manufacturing capability

Power Conversion & Storage, part of GE Vernova, has global manufacturing capability to meet local content requirement and help to reduce lead time and cost. Power Conversion & Storage's manufacturing locations across the globe provide capacity to address the growing demand for high voltage motors.

Reducing risk, enhancing productivity

Power Conversion & Storage is a strong global partner, operating in 170 countries with 130 years of experience in energy infrastructure projects. Power Conversion & Storage services include all support for utilities and operators to protect assets, keep critical processes running, to help decreasing risk and enhancing productivity. We deliver original equipment spares around the world as well as repair, refurbish and upgrade

customer systems with the latest technology. We offer risk protection through performance-based contracts based on system experience and sophisticated application calculations. Through advanced digital platforms, we can deliver expert onsite and remote emergency 24X7 support, interventions and planned maintenance customized to meet unique requirements around the globe.

Standard Accessories

- 2 RTD's per phase in stator (simplex)
 - 1 RTD per bearing (simplex).
 - Auxiliaries box steel IP 55 IP 56 under request
 - Space heater
 - Oil Pipes inlet position Default Left side from NDE (both side provision). ANSI standard
 - Provision for Water Leakage detector for TEWAC cooler Detector available under request
 - Provision for air filters (for WP11). Filters available under request
 - Provision for differential pressure switch (for WP11) Switch available under request
 - Water pipe & cooler position with respect to water inlet Left side from NDE
 - Un-drilled gland plates
 - Fixation Kits (Bolt & Shims)
 - Orifice plate at oil inlet
- Accessories are for safe area. Accessories for hazardous location are also available upon request.



Contact US

Use phone or mail to log your case. Use contact details listed/complete form and return via email.



Communication

Our agents will confirm a unique case reference number and explain next steps to resolve the issue.



Case Details

Provide accurate the issue details and include company name, site, location, and best contact information.



Site Intervention

If our remote support and related instructions are not suitable enough, then our team will appoint time for our Field Service Engineers to come locally.

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