

GE
Power Conversion



C7 Series

MV Induction Motor

2-12 Poles, 50/60Hz, up to 9000 HP.





High power density



High efficiency



Low vibration



Low noise

More power in a smaller package

Built on extensive rotating machine experience.

GE 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.

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.

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.

Quick selection with catalogue product.

Standard-built C7 squirrel-cage induction motors operate at 50/60 Hz, with outputs ranging up to 6,000 kW (9000 HP).

- 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.
- IP 55 standard protection for TEAAC (CACA) or TEWAC (CACW).
- IP24 standard protection for WP11 enclosures.

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

- Adheres to 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).
- Class F insulation.
- ≤ 1000 meter altitude.
- -18°C to +40° C ambient.

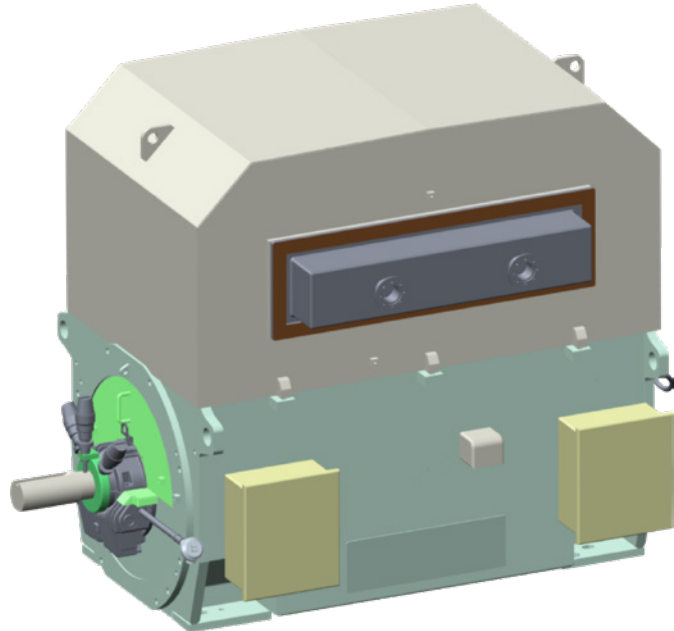
Note: Other voltages, higher altitude or ambient will require engineering evaluation and design customization.

- 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

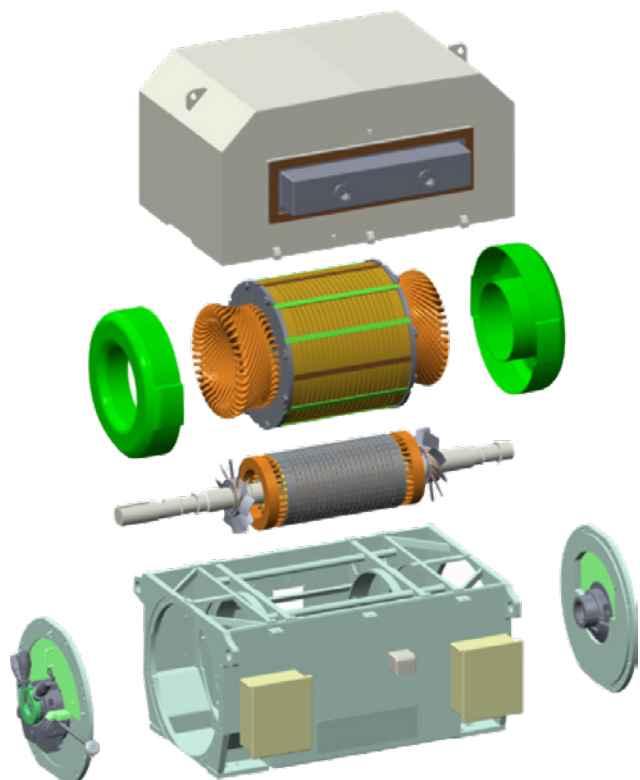
TEWAC: Average sound pressure of 80 dB(A) max at 1 m no load.

TEAAC/WPII: Average sound pressure of 85 dB(A) max at 1 m no load.

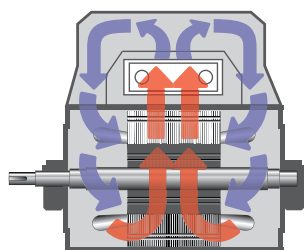
Lower dB(A) levels are available upon request.



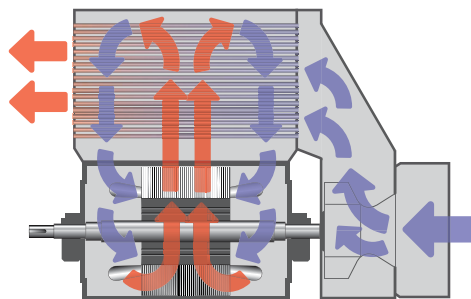
Innovative cooling tops quickly exchanges heat away from the core. Rigid frame construction helps keep noise levels low. IEC 60034 Grade B.



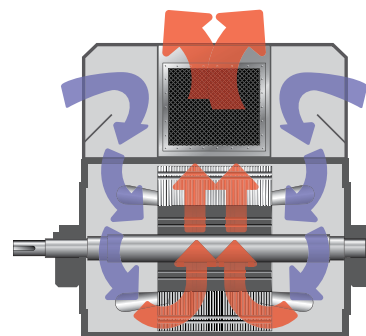
Cooling & Power Range



Totally enclosed water-to-air cooled TEWAC / CACW



Totally enclosed air-to-air cooled TEAAC / CACA



Weather protected WP/II, ICOA1

NEMA

Power HP	NEMA Frame	GE 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	95,8%	96,0%	95,8%	89,3%	88,1%	85,6%	H04WP/II##60Cu02p2250
2500	6811	8311	Sleeve	Oil self-cooled	95,9%	96,1%	95,9%	89,4%	88,1%	85,6%	H04WP/II##60Cu02p2500
3000	6812	8312	Sleeve	Oil self-cooled	96,1%	96,4%	96,2%	89,5%	88,1%	85,6%	H04WP/II##60Cu02p3000
3500	6812	8312	Sleeve	Oil self-cooled	96,4%	96,6%	96,5%	89,6%	88,2%	85,5%	H04WP/II##60Cu02p3500
4000	6812	8312	Sleeve	Oil self-cooled	96,7%	96,9%	96,8%	89,7%	88,2%	85,5%	H04WP/II##60Cu02p4000
4500	n.a.	8411	Sleeve	Oil forced	96,6%	96,6%	96,2%	88,8%	86,6%	82,5%	H04WP/II##60Cu02p4500
5000	n.a.	8411E	Sleeve	Oil forced	96,6%	96,6%	96,3%	89,9%	88,2%	85,3%	H04WP/II##60Cu02p5000
5500	n.a.	8411E	Sleeve	Oil forced	96,7%	96,7%	96,4%	91,0%	89,8%	88,0%	H04WP/II##60Cu02p5500
6000	n.a.	8511	Sleeve	Oil forced	96,4%	96,3%	95,8%	89,5%	89,6%	87,3%	H04WP/II##60Cu02p6000
7000	n.a.	8512	Sleeve	Oil forced	96,5%	96,4%	96,0%	89,7%	89,8%	87,5%	H04WP/II##60Cu02p7000
8000	n.a.	8512	Sleeve	Oil forced	96,6%	96,6%	96,2%	90,0%	90,0%	87,7%	H04WP/II##60Cu02p8000
9000	n.a.	8512	Sleeve	Oil forced	96,7%	96,7%	96,3%	90,2%	90,2%	87,9%	H04WP/II##60Cu02p9000
4-pole											
2250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,8%	86,0%	82,1%	75,0%	H04WP/II##60Cu04p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	96,0%	86,3%	82,8%	76,2%	H04WP/II##60Cu04p2500
3000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,3%	96,3%	86,9%	84,1%	78,5%	H04WP/II##60Cu04p3000
3500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,5%	96,5%	87,6%	85,4%	80,8%	H04WP/II##60Cu04p3500
4000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,4%	96,1%	85,8%	82,0%	75,0%	H04WP/II##60Cu04p4000
4500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,4%	96,1%	85,9%	82,1%	75,0%	H04WP/II##60Cu04p4500
5000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,5%	96,1%	86,0%	82,1%	75,0%	H04WP/II##60Cu04p5000
6000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,6%	96,7%	96,5%	86,6%	85,5%	80,5%	H04WP/II##60Cu04p6000
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,7%	96,8%	96,7%	87,1%	86,3%	81,9%	H04WP/II##60Cu04p7000
8000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,7%	96,9%	96,8%	87,6%	87,2%	83,4%	H04WP/II##60Cu04p8000
9000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,8%	97,0%	96,9%	88,1%	88,0%	84,8%	H04WP/II##60Cu04p9000

Power HP	NEMA Frame	GE 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											
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,6%	82,0%	79,2%	71,1%	H04WP1I##60Cu06p1500
1750	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,8%	95,7%	82,0%	79,3%	71,3%	H04WP1I##60Cu06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,9%	95,8%	82,1%	79,4%	71,5%	H04WP1I##60Cu06p2000
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,9%	82,1%	79,5%	71,7%	H04WP1I##60Cu06p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	96,0%	82,1%	79,6%	71,9%	H04WP1I##60Cu06p2500
3000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,4%	96,3%	84,8%	85,6%	81,2%	H04WP1I##60Cu06p3000
3500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,5%	96,4%	85,2%	85,8%	81,2%	H04WP1I##60Cu06p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,6%	96,5%	85,7%	86,0%	81,1%	H04WP1I##60Cu06p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,6%	96,4%	82,9%	81,2%	74,8%	H04WP1I##60Cu06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,7%	96,5%	83,8%	82,5%	76,8%	H04WP1I##60Cu06p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,8%	96,7%	84,7%	83,8%	78,8%	H04WP1I##60Cu06p5500
6000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,9%	96,8%	85,6%	85,1%	80,8%	H04WP1I##60Cu06p6000
8-pole											
1100	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,0%	95,1%	80,3%	78,5%	70,8%	H04WP1I##60Cu08p1100
1250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,1%	95,2%	80,3%	78,5%	70,8%	H04WP1I##60Cu08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,3%	95,3%	80,3%	78,6%	70,9%	H04WP1I##60Cu08p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	95,5%	80,2%	78,6%	71,0%	H04WP1I##60Cu08p1750
1850	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,5%	95,6%	80,2%	78,6%	71,0%	H04WP1I##60Cu08p1850
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,5%	83,5%	81,4%	74,4%	H04WP1I##60Cu08p2000
2250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,8%	95,6%	83,7%	81,7%	74,9%	H04WP1I##60Cu08p2250
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,9%	95,7%	83,9%	82,1%	75,4%	H04WP1I##60Cu08p2500
2900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,1%	95,9%	84,3%	82,6%	76,2%	H04WP1I##60Cu08p2900
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,3%	96,1%	84,3%	81,7%	74,2%	H04WP1I##60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,3%	96,2%	84,2%	81,8%	74,6%	H04WP1I##60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,4%	96,3%	84,1%	81,9%	75,0%	H04WP1I##60Cu08p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,4%	96,3%	83,9%	82,1%	75,4%	H04WP1I##60Cu08p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,4%	96,4%	83,8%	82,2%	75,8%	H04WP1I##60Cu08p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,4%	96,5%	83,7%	82,3%	76,2%	H04WP1I##60Cu08p5500
10-pole											
800	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,5%	94,1%	76,5%	74,7%	64,5%	H04WP1I##60Cu10p800
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,6%	94,2%	76,8%	75,3%	65,4%	H04WP1I##60Cu10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,7%	94,3%	77,2%	75,9%	66,3%	H04WP1I##60Cu10p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,9%	94,6%	78,1%	77,4%	68,6%	H04WP1I##60Cu10p1250
1500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,5%	95,3%	80,7%	78,6%	70,8%	H04WP1I##60Cu10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,6%	95,4%	80,8%	78,7%	71,1%	H04WP1I##60Cu10p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,7%	95,5%	80,9%	78,9%	71,3%	H04WP1I##60Cu10p2000
2200	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,7%	95,5%	81,0%	79,0%	71,5%	H04WP1I##60Cu10p2200
2500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,1%	96,1%	96,1%	83,3%	81,4%	74,4%	H04WP1I##60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	96,2%	96,1%	83,2%	81,5%	74,7%	H04WP1I##60Cu10p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	96,2%	96,2%	83,1%	81,6%	75,1%	H04WP1I##60Cu10p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	96,2%	96,2%	82,9%	81,7%	75,4%	H04WP1I##60Cu10p4000
12-pole											
550	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,8%	93,3%	73,3%	69,9%	59,0%	H04WP1I##60Cu12p550
600	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,9%	93,4%	73,4%	70,2%	59,4%	H04WP1I##60Cu12p600
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,0%	93,6%	73,8%	70,7%	60,1%	H04WP1I##60Cu12p700

Power HP	NEMA Frame	GE 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											
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,2%	93,8%	74,2%	71,2%	60,8%	H04WP1I##60Cu12p800
900	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,4%	94,0%	74,5%	71,7%	61,5%	H04WP1I##60Cu12p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,9%	94,5%	75,7%	71,9%	62,1%	H04WP1I##60Cu12p1000
1250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,0%	94,7%	75,8%	72,0%	62,3%	H04WP1I##60Cu12p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,2%	94,8%	76,0%	72,2%	62,4%	H04WP1I##60Cu12p1500
1600	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,2%	94,8%	76,0%	72,2%	62,5%	H04WP1I##60Cu12p1600
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,0%	94,6%	75,4%	69,6%	57,8%	H04WP1I##60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	94,7%	75,6%	70,1%	58,6%	H04WP1I##60Cu12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	94,8%	75,9%	70,6%	59,4%	H04WP1I##60Cu12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,2%	94,9%	76,1%	71,1%	60,1%	H04WP1I##60Cu12p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,3%	95,1%	76,6%	72,1%	61,7%	H04WP1I##60Cu12p3000



Power HP	NEMA Frame	GE 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	95,9%	96,0%	95,7%	89,6%	87,7%	84,2%	H06WP11##60Cu02p2250
2500	6811	8311	Sleeve	Oil self-cooled	96,1%	96,2%	95,9%	89,8%	88,1%	85,0%	H06WP11##60Cu02p2500
3000	6812	8312	Sleeve	Oil self-cooled	96,3%	96,5%	96,4%	90,2%	88,9%	86,6%	H06WP11##60Cu02p3000
3500	6812	8312	Sleeve	Oil self-cooled	96,5%	96,8%	96,8%	90,5%	89,7%	88,2%	H06WP11##60Cu02p3500
4000	n.a.	8411	Sleeve	Oil forced	96,6%	96,4%	96,1%	90,1%	88,6%	85,9%	H06WP11##60Cu02p4000
4500	n.a.	8411E	Sleeve	Oil forced	96,6%	96,5%	96,1%	90,1%	88,3%	85,2%	H06WP11##60Cu02p4500
5000	n.a.	8411E	Sleeve	Oil forced	96,7%	96,5%	96,1%	90,1%	88,0%	84,4%	H06WP11##60Cu02p5000
5500	n.a.	8411E	Sleeve	Oil forced	96,8%	96,6%	96,1%	90,0%	87,7%	83,7%	H06WP11##60Cu02p5500
6000	n.a.	8511	Sleeve	Oil forced	96,4%	96,4%	95,9%	88,8%	88,6%	85,6%	H06WP11##60Cu02p6000
7000	n.a.	8512	Sleeve	Oil forced	96,5%	96,5%	96,1%	89,1%	89,4%	87,1%	H06WP11##60Cu02p7000
8000	n.a.	8512	Sleeve	Oil forced	96,6%	96,7%	96,3%	89,5%	90,2%	88,7%	H06WP11##60Cu02p8000
9000	n.a.	8512	Sleeve	Oil forced	96,7%	96,8%	96,5%	89,8%	91,0%	90,2%	H06WP11##60Cu02p9000
4-pole											
2250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,9%	87,6%	84,3%	78,1%	H06WP11##60Cu04p2250
2500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,9%	87,5%	84,4%	78,4%	H06WP11##60Cu04p2500
3000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,1%	87,4%	84,6%	79,1%	H06WP11##60Cu04p3000
3500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,2%	95,7%	85,0%	80,4%	72,2%	H06WP11##60Cu04p3500
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,3%	95,8%	85,3%	81,3%	73,8%	H06WP11##60Cu04p4000
4500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,4%	96,0%	85,7%	82,2%	75,4%	H06WP11##60Cu04p4500
5000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,5%	96,2%	86,1%	83,1%	77,0%	H06WP11##60Cu04p5000
6000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,6%	96,8%	96,6%	88,2%	87,4%	83,2%	H06WP11##60Cu04p6000
7000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,7%	96,9%	96,7%	88,5%	87,7%	83,6%	H06WP11##60Cu04p7000
8000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,8%	96,9%	96,8%	88,7%	87,9%	83,9%	H06WP11##60Cu04p8000
6-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,2%	94,9%	78,0%	73,6%	63,3%	H06WP11##60Cu06p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,4%	95,1%	79,1%	75,2%	65,6%	H06WP11##60Cu06p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,5%	95,3%	80,2%	76,9%	68,0%	H06WP11##60Cu06p2000
2250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,7%	95,6%	81,3%	78,5%	70,3%	H06WP11##60Cu06p2250
2500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,2%	96,1%	82,6%	82,5%	76,4%	H06WP11##60Cu06p2500
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,4%	96,2%	83,4%	83,2%	77,1%	H06WP11##60Cu06p3000
3500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,6%	96,3%	84,1%	83,9%	77,8%	H06WP11##60Cu06p3500
4000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,5%	96,2%	83,2%	81,1%	74,1%	H06WP11##60Cu06p4000
4000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,7%	96,7%	84,2%	84,9%	80,3%	H06WP11##60Cu06p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,6%	96,3%	83,6%	81,9%	75,5%	H06WP11##60Cu06p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,7%	96,4%	84,1%	82,7%	76,8%	H06WP11##60Cu06p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,7%	96,6%	84,5%	83,5%	78,2%	H06WP11##60Cu06p5500
6000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,8%	96,7%	84,9%	84,3%	79,5%	H06WP11##60Cu06p6000
8-pole											
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,0%	95,0%	95,0%	80,3%	77,9%	69,4%	H06WP11##60Cu08p1000
1250	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,2%	95,2%	81,0%	79,1%	71,3%	H06WP11##60Cu08p1250
1500	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,3%	95,5%	81,8%	80,3%	73,3%	H06WP11##60Cu08p1500
1700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,5%	95,7%	82,3%	81,3%	74,8%	H06WP11##60Cu08p1700
1800	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,5%	95,5%	84,7%	83,3%	77,6%	H06WP11##60Cu08p1800
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,6%	84,6%	83,1%	77,1%	H06WP11##60Cu08p2000
2250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,7%	95,6%	84,5%	82,8%	76,5%	H06WP11##60Cu08p2250

Power HP	NEMA Frame	GE 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											
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,8%	95,7%	84,4%	82,4%	75,9%	H06WP1I##60Cu08p2500
2700	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,9%	95,7%	84,3%	82,2%	75,4%	H06WP1I##60Cu08p2700
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,4%	96,2%	84,7%	82,5%	75,7%	H06WP1I##60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,4%	96,3%	84,5%	82,5%	75,9%	H06WP1I##60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	96,4%	96,4%	84,2%	82,5%	76,1%	H06WP1I##60Cu08p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,4%	84,0%	82,4%	76,3%	H06WP1I##60Cu08p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	96,4%	96,5%	83,7%	82,4%	76,5%	H06WP1I##60Cu08p5000
10-pole											
700	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,1%	94,0%	78,9%	78,3%	69,4%	H06WP1I##60Cu10p700
800	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,2%	94,2%	78,9%	78,3%	69,5%	H06WP1I##60Cu10p800
900	6811	8311	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,4%	94,4%	78,9%	78,4%	69,6%	H06WP1I##60Cu10p900
1000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,6%	94,5%	78,9%	78,4%	69,7%	H06WP1I##60Cu10p1000
1200	6812	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	94,9%	78,9%	78,5%	69,9%	H06WP1I##60Cu10p1200
1300	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,4%	95,1%	80,7%	77,8%	69,0%	H06WP1I##60Cu10p1300
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,4%	95,1%	80,8%	78,0%	69,4%	H06WP1I##60Cu10p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,5%	95,2%	80,9%	78,3%	69,8%	H06WP1I##60Cu10p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,6%	95,3%	81,0%	78,5%	70,3%	H06WP1I##60Cu10p2000
2250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,0%	96,0%	83,1%	81,6%	75,0%	H06WP1I##60Cu10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	96,0%	96,0%	83,0%	81,4%	74,8%	H06WP1I##60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,1%	96,0%	82,7%	81,1%	74,4%	H06WP1I##60Cu10p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	96,1%	96,1%	82,4%	80,8%	73,9%	H06WP1I##60Cu10p3500
3750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	96,2%	96,1%	82,2%	80,6%	73,7%	H06WP1I##60Cu10p3750
12-pole											
500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,7%	93,0%	70,8%	65,5%	53,2%	H06WP1I##60Cu12p500
600	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,8%	93,2%	71,3%	66,2%	54,1%	H06WP1I##60Cu12p600
700	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,0%	93,4%	71,7%	66,9%	54,9%	H06WP1I##60Cu12p700
800	6812	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,1%	93,6%	72,2%	67,6%	55,8%	H06WP1I##60Cu12p800
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,6%	94,1%	75,0%	70,3%	59,5%	H06WP1I##60Cu12p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,7%	94,2%	75,3%	70,8%	60,2%	H06WP1I##60Cu12p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,0%	94,6%	76,1%	72,1%	62,1%	H06WP1I##60Cu12p1250
1500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	94,9%	76,9%	73,4%	63,9%	H06WP1I##60Cu12p1500
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,9%	94,5%	75,8%	70,2%	58,6%	H06WP1I##60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,6%	76,1%	70,8%	59,4%	H06WP1I##60Cu12p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,0%	94,8%	76,4%	71,3%	60,3%	H06WP1I##60Cu12p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	94,9%	76,6%	71,9%	61,1%	H06WP1I##60Cu12p2500
2750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	95,0%	76,9%	72,4%	61,9%	H06WP1I##60Cu12p2750

Power HP	NEMA Frame	GE 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%	H13WP11##60Cu02p2250
2500	n.a.	8411	Sleeve	Oil forced	95,8%	95,5%	94,8%	91,7%	89,4%	85,9%	H13WP11##60Cu02p2500
3000	n.a.	8411E	Sleeve	Oil forced	95,9%	95,7%	95,1%	92,0%	90,1%	87,2%	H13WP11##60Cu02p3000
3500	n.a.	8411E	Sleeve	Oil forced	96,0%	95,9%	95,4%	92,4%	90,7%	88,4%	H13WP11##60Cu02p3500
4000	n.a.	8512	Sleeve	Oil forced	95,6%	95,5%	94,7%	93,0%	93,8%	93,5%	H13WP11##60Cu02p4000
4500	n.a.	8512	Sleeve	Oil forced	95,8%	95,6%	94,9%	92,4%	92,9%	92,0%	H13WP11##60Cu02p4500
5000	n.a.	8512	Sleeve	Oil forced	95,9%	95,8%	95,1%	91,7%	92,0%	90,6%	H13WP11##60Cu02p5000
5500	n.a.	8512	Sleeve	Oil forced	96,1%	96,0%	95,3%	91,1%	91,1%	89,1%	H13WP11##60Cu02p5500
6000	n.a.	8512	Sleeve	Oil forced	96,2%	96,1%	95,5%	90,4%	90,2%	87,6%	H13WP11##60Cu02p6000
4-pole											
1500	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,5%	93,9%	84,1%	78,7%	69,2%	H13WP11##60Cu04p1500
1750	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,9%	94,5%	86,6%	82,4%	75,0%	H13WP11##60Cu04p1750
2000	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,3%	95,1%	89,0%	86,1%	80,8%	H13WP11##60Cu04p2000
2250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,5%	94,9%	83,2%	77,6%	67,9%	H13WP11##60Cu04p2250
2500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,7%	95,1%	84,3%	79,3%	70,6%	H13WP11##60Cu04p2500
3000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,1%	95,6%	86,4%	82,7%	75,9%	H13WP11##60Cu04p3000
3500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,1%	96,2%	95,8%	88,3%	86,8%	81,8%	H13WP11##60Cu04p3500
4000	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,1%	96,2%	95,9%	88,5%	87,1%	82,3%	H13WP11##60Cu04p4000
4500	n.a.	8511	AF / Sleeve	Grease / Oil Forced	96,2%	96,3%	96,0%	88,7%	87,4%	82,8%	H13WP11##60Cu04p4500
5000	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,3%	96,4%	96,1%	88,8%	87,7%	83,2%	H13WP11##60Cu04p5000
5500	n.a.	8512	AF / Sleeve	Grease / Oil Forced	96,4%	96,5%	96,2%	89,0%	88,0%	83,7%	H13WP11##60Cu04p5500
6-pole											
1000	6811	8311	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,5%	93,8%	78,6%	73,3%	62,1%	H13WP11##60Cu06p1000
1250	6812	8312	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,3%	81,2%	77,5%	68,5%	H13WP11##60Cu06p1250
1500	n.a.	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,9%	94,8%	83,7%	81,7%	74,8%	H13WP11##60Cu06p1500
1750	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,3%	95,0%	83,1%	82,2%	75,0%	H13WP11##60Cu06p1750
2000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,5%	95,2%	83,9%	83,3%	76,8%	H13WP11##60Cu06p2000
2500	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,8%	95,7%	85,5%	85,6%	80,3%	H13WP11##60Cu06p2500
2750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,9%	95,5%	83,3%	81,2%	74,3%	H13WP11##60Cu06p2750
3000	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,9%	95,5%	83,5%	81,5%	74,7%	H13WP11##60Cu06p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	96,1%	95,7%	84,0%	82,1%	75,5%	H13WP11##60Cu06p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,2%	95,8%	84,4%	82,7%	76,4%	H13WP11##60Cu06p4000
4500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,3%	96,0%	84,9%	83,3%	77,2%	H13WP11##60Cu06p4500
8-pole											
1200	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,3%	94,0%	82,1%	78,6%	69,6%	H13WP11##60Cu08p1200
1250	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,3%	94,0%	82,1%	78,5%	69,5%	H13WP11##60Cu08p1250
1500	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,5%	94,1%	82,0%	78,3%	69,1%	H13WP11##60Cu08p1500
1750	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,2%	81,8%	78,0%	68,7%	H13WP11##60Cu08p1750
2000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,7%	94,2%	81,7%	77,7%	68,3%	H13WP11##60Cu08p2000
2250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,3%	95,4%	86,9%	85,6%	80,2%	H13WP11##60Cu08p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,4%	95,4%	86,6%	85,2%	79,6%	H13WP11##60Cu08p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,5%	95,5%	86,0%	84,4%	78,4%	H13WP11##60Cu08p3000
3500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,6%	95,6%	85,4%	83,6%	77,1%	H13WP11##60Cu08p3500
4000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,8%	95,7%	84,8%	82,8%	75,9%	H13WP11##60Cu08p4000

Power HP	NEMA Frame	GE 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											
10-pole											
900	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,7%	94,0%	93,9%	82,8%	80,7%	73,2%	H13WP1I##60Cu10p900
1000	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	92,9%	94,1%	94,1%	82,9%	80,9%	73,5%	H13WP1I##60Cu10p1000
1250	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,3%	94,5%	94,4%	83,2%	81,5%	74,4%	H13WP1I##60Cu10p1250
1400	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,7%	94,6%	83,4%	81,8%	74,9%	H13WP1I##60Cu10p1400
1750	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,9%	94,4%	79,3%	75,2%	64,9%	H13WP1I##60Cu10p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,0%	94,6%	79,8%	75,9%	66,0%	H13WP1I##60Cu10p2000
2250	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,1%	94,7%	80,2%	76,6%	67,0%	H13WP1I##60Cu10p2250
2500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,3%	94,9%	80,6%	77,3%	68,1%	H13WP1I##60Cu10p2500
3000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,5%	95,2%	81,4%	78,7%	70,2%	H13WP1I##60Cu10p3000
12-pole											
600	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,3%	92,5%	74,4%	67,9%	55,6%	H13WP1I##60Cu12p600
700	n.a.	8411	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,5%	92,7%	74,7%	68,4%	56,3%	H13WP1I##60Cu12p700
800	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,6%	92,9%	75,0%	68,9%	57,0%	H13WP1I##60Cu12p800
900	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,8%	93,1%	75,2%	69,4%	57,6%	H13WP1I##60Cu12p900
1000	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,9%	93,3%	75,5%	69,9%	58,3%	H13WP1I##60Cu12p1000
1100	n.a.	8411E	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,0%	93,5%	75,8%	70,4%	59,0%	H13WP1I##60Cu12p1100
1250	n.a.	8511	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,9%	93,4%	76,7%	71,0%	59,4%	H13WP1I##60Cu12p1250
1500	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,0%	93,6%	77,4%	72,0%	60,7%	H13WP1I##60Cu12p1500
1750	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,1%	93,8%	78,0%	72,9%	62,0%	H13WP1I##60Cu12p1750
2000	n.a.	8512	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,2%	94,0%	78,7%	73,9%	63,3%	H13WP1I##60Cu12p2000



Power HP	NEMA Frame	GE 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	8311	Sleeve	Oil self-cooled	95,3%	95,1%	94,4%	90,6%	88,8%	85,9%	H04TEAAC#60Cu02p2000	
2250	8311	Sleeve	Oil self-cooled	95,5%	95,4%	94,7%	90,5%	88,7%	85,8%	H04TEAAC#60Cu02p2250	
2500	8312	Sleeve	Oil self-cooled	95,7%	95,6%	95,0%	90,3%	88,5%	85,6%	H04TEAAC#60Cu02p2500	
3000	8312	Sleeve	Oil self-cooled	96,0%	96,0%	95,5%	89,9%	88,3%	85,4%	H04TEAAC#60Cu02p3000	
3500	8312	Sleeve	Oil self-cooled	96,4%	96,4%	96,0%	89,5%	88,0%	85,1%	H04TEAAC#60Cu02p3500	
4000	8411	Sleeve	Oil forced	95,4%	95,0%	93,9%	89,8%	88,7%	86,6%	H04TEAAC#60Cu02p4000	
4500	8411E	Sleeve	Oil forced	95,8%	95,4%	94,3%	91,2%	89,7%	87,6%	H04TEAAC#60Cu02p4500	
5000	8511	Sleeve	Oil forced	95,6%	94,1%	92,4%	88,3%	88,0%	84,8%	H04TEAAC#60Cu02p5000	
6000	8512	Sleeve	Oil forced	95,9%	94,6%	93,3%	89,3%	89,3%	86,9%	H04TEAAC#60Cu02p6000	
7000	8512	Sleeve	Oil forced	96,2%	95,2%	94,1%	90,3%	90,6%	89,0%	H04TEAAC#60Cu02p7000	
7500	8512	Sleeve	Oil forced	96,4%	95,5%	94,5%	90,8%	91,3%	90,0%	H04TEAAC#60Cu02p7500	
4-pole											
2000	8311	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,1%	94,4%	84,7%	80,5%	72,6%	H04TEAAC#60Cu04p2000	
2250	8311	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,4%	94,8%	85,7%	82,1%	75,4%	H04TEAAC#60Cu04p2250	
2500	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,7%	95,2%	86,6%	83,7%	78,2%	H04TEAAC#60Cu04p2500	
3000	8312	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,3%	96,1%	88,4%	86,9%	83,7%	H04TEAAC#60Cu04p3000	
3500	8411	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,8%	95,0%	85,6%	81,5%	74,2%	H04TEAAC#60Cu04p3500	
4000	8411E	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,6%	96,3%	89,5%	87,0%	82,4%	H04TEAAC#60Cu04p4000	
4500	8511	AF / Sleeve	Grease / Oil Forced	95,3%	94,1%	92,5%	86,7%	85,1%	79,5%	H04TEAAC#60Cu04p4500	
5000	8511	AF / Sleeve	Grease / Oil Forced	95,5%	94,4%	92,9%	87,1%	85,9%	81,0%	H04TEAAC#60Cu04p5000	
5500	8512	AF / Sleeve	Grease / Oil Forced	95,6%	94,6%	93,3%	87,5%	86,7%	82,5%	H04TEAAC#60Cu04p5500	
6000	8512	AF / Sleeve	Grease / Oil Forced	95,7%	94,9%	93,7%	88,0%	87,5%	83,9%	H04TEAAC#60Cu04p6000	
7000	8512	AF / Sleeve	Grease / Oil Forced	96,0%	95,4%	94,5%	88,8%	89,1%	86,9%	H04TEAAC#60Cu04p7000	
6-pole											
1500	8311	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,0%	94,4%	80,9%	77,7%	69,1%	H04TEAAC#60Cu06p1500	
1750	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,2%	94,7%	80,4%	77,0%	68,1%	H04TEAAC#60Cu06p1750	
2000	8312	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,3%	94,9%	79,9%	76,3%	67,0%	H04TEAAC#60Cu06p2000	
2250	8411	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,8%	95,4%	83,0%	82,5%	76,0%	H04TEAAC#60Cu06p2250	
2500	8411E	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,1%	95,6%	83,6%	82,8%	76,1%	H04TEAAC#60Cu06p2500	
3000	8411E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,5%	96,2%	84,6%	83,5%	76,3%	H04TEAAC#60Cu06p3000	
3500	8511	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,1%	95,5%	84,9%	83,2%	77,1%	H04TEAAC#60Cu06p3500	
3500	8411E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,8%	96,6%	85,2%	85,1%	79,5%	H04TEAAC#60Cu06p3500	
4000	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,2%	95,8%	85,3%	83,9%	78,2%	H04TEAAC#60Cu06p4000	
4500	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,0%	85,7%	84,5%	79,2%	H04TEAAC#60Cu06p4500	
5000	8512	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,5%	96,2%	86,1%	85,2%	80,3%	H04TEAAC#60Cu06p5000	
8-pole											
1000	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,0%	94,8%	81,3%	79,5%	71,8%	H04TEAAC#60Cu08p1000	
1250	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,2%	95,0%	81,5%	79,9%	72,6%	H04TEAAC#60Cu08p1250	
1500	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,4%	95,3%	81,7%	80,3%	73,4%	H04TEAAC#60Cu08p1500	
1600	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,4%	95,4%	81,7%	80,5%	73,7%	H04TEAAC#60Cu08p1600	
1800	8411	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,9%	95,7%	84,1%	81,7%	74,4%	H04TEAAC#60Cu08p1800	
2000	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,9%	95,7%	84,1%	81,6%	74,2%	H04TEAAC#60Cu08p2000	
2250	8411E	AF / Sleeve	Grease / Oil self-cooled	95,7%	96,0%	95,8%	84,0%	81,5%	74,0%	H04TEAAC#60Cu08p2250	
2400	8411E	AF / Sleeve	Grease / Oil self-cooled	95,7%	96,0%	95,8%	84,0%	81,4%	73,9%	H04TEAAC#60Cu08p2400	
3000	8511	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,3%	95,9%	81,2%	77,6%	68,5%	H04TEAAC#60Cu08p3000	

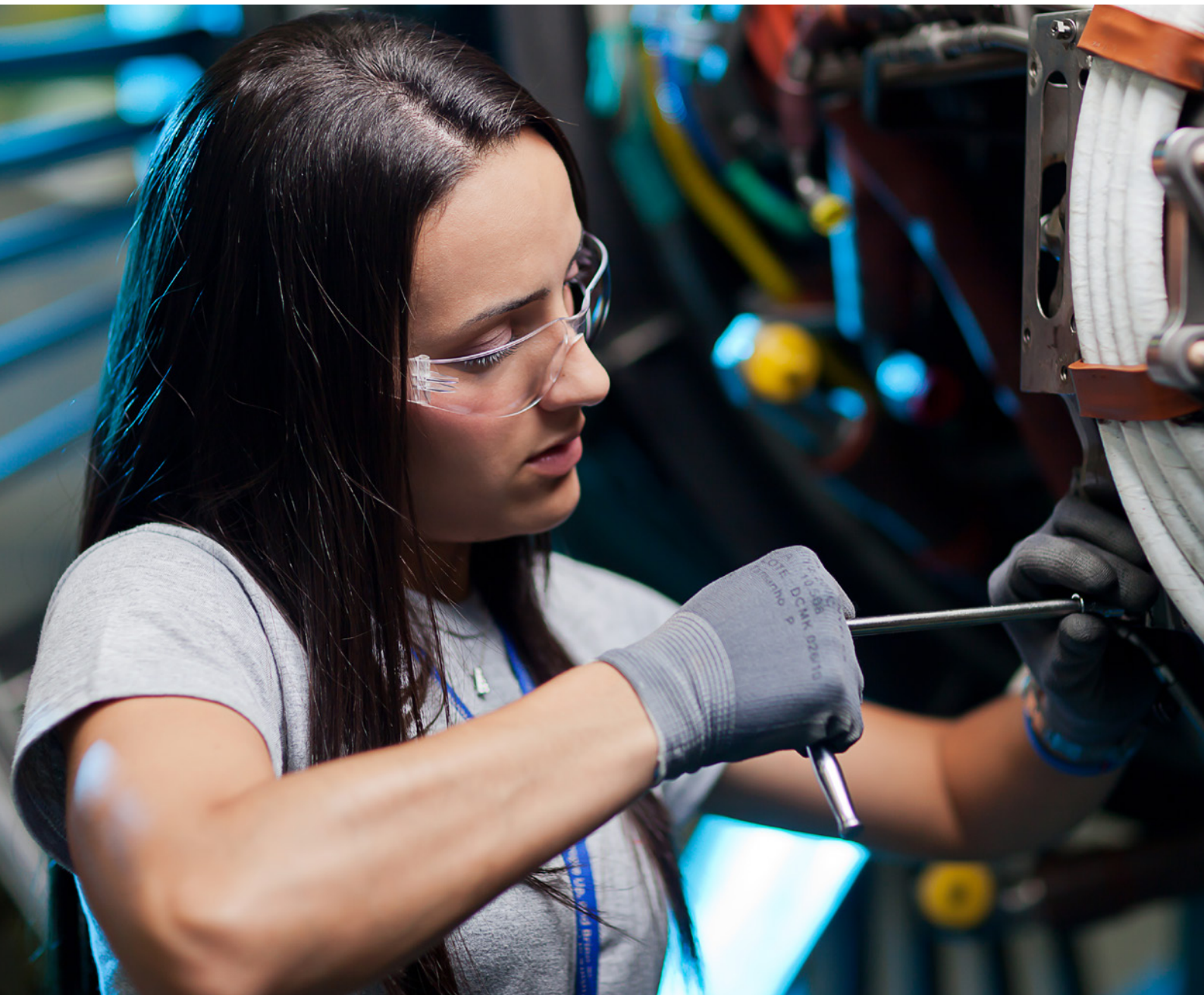
Power HP	NEMA Frame	GE Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
2.3 - 4.16 kV 60 Hz TEAAC enclosure											
3500		8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,4%	96,0%	81,4%	78,1%	69,3%	H04TEAAC#60Cu08p3500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

Power HP	NEMA Frame	GE 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	8311	Sleeve	Oil self-cooled	95,4%	95,1%	94,4%	90,0%	87,7%	83,7%	H06TEAAC#60Cu02p2000	
2250	8311	Sleeve	Oil self-cooled	95,6%	95,4%	94,7%	90,4%	88,3%	84,7%	H06TEAAC#60Cu02p2250	
2500	8312	Sleeve	Oil self-cooled	95,8%	95,7%	95,1%	90,8%	88,8%	85,6%	H06TEAAC#60Cu02p2500	
3000	8312	Sleeve	Oil self-cooled	96,2%	96,2%	95,8%	91,6%	89,9%	87,5%	H06TEAAC#60Cu02p3000	
3500	8411	Sleeve	Oil forced	95,2%	94,7%	93,4%	90,6%	89,2%	86,9%	H06TEAAC#60Cu02p3500	
4000	8411E	Sleeve	Oil forced	95,5%	95,0%	93,8%	90,6%	89,1%	86,6%	H06TEAAC#60Cu02p4000	
4500	8411E	Sleeve	Oil forced	95,8%	95,3%	94,2%	90,5%	88,9%	86,2%	H06TEAAC#60Cu02p4500	
5000	8511	Sleeve	Oil forced	95,6%	94,3%	92,7%	90,7%	90,8%	88,9%	H06TEAAC#60Cu02p5000	
5500	8512	Sleeve	Oil forced	95,7%	94,5%	93,1%	90,5%	90,6%	88,6%	H06TEAAC#60Cu02p5500	
6000	8512	Sleeve	Oil forced	95,9%	94,8%	93,5%	90,2%	90,3%	88,2%	H06TEAAC#60Cu02p6000	
7500	8512	Sleeve	Oil forced	96,4%	95,6%	94,5%	89,5%	89,6%	87,2%	H06TEAAC#60Cu02p7500	
4-pole											
1750	8311	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,0%	94,2%	87,3%	83,9%	77,5%	H06TEAAC#60Cu04p1750	
2000	8311	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,2%	94,6%	87,8%	84,7%	78,9%	H06TEAAC#60Cu04p2000	
2250	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,5%	95,0%	88,4%	85,6%	80,4%	H06TEAAC#60Cu04p2250	
2500	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,8%	95,4%	88,9%	86,4%	81,8%	H06TEAAC#60Cu04p2500	
3000	8411	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,7%	94,9%	86,9%	83,6%	77,5%	H06TEAAC#60Cu04p3000	
3500	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,8%	95,1%	86,5%	83,0%	76,5%	H06TEAAC#60Cu04p3500	
4000	8411E	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,0%	95,3%	86,1%	82,3%	75,5%	H06TEAAC#60Cu04p4000	
4500	8511	AF / Sleeve	Grease / Oil Forced	95,3%	94,1%	92,4%	86,5%	84,9%	79,4%	H06TEAAC#60Cu04p4500	
5000	8511	AF / Sleeve	Grease / Oil Forced	95,4%	94,3%	92,8%	86,8%	85,4%	80,4%	H06TEAAC#60Cu04p5000	
5500	8512	AF / Sleeve	Grease / Oil Forced	95,6%	94,6%	93,2%	87,1%	86,0%	81,3%	H06TEAAC#60Cu04p5500	
6000	8512	AF / Sleeve	Grease / Oil Forced	95,7%	94,8%	93,6%	87,4%	86,5%	82,3%	H06TEAAC#60Cu04p6000	
7000	8512	AF / Sleeve	Grease / Oil Forced	96,0%	95,3%	94,4%	88,0%	87,6%	84,2%	H06TEAAC#60Cu04p7000	
6-pole											
1250	8311	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,6%	94,0%	81,7%	78,6%	70,2%	H06TEAAC#60Cu06p1250	
1500	8312	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,9%	94,4%	81,4%	78,3%	69,9%	H06TEAAC#60Cu06p1500	
1750	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,2%	94,7%	81,2%	78,1%	69,5%	H06TEAAC#60Cu06p1750	
2000	8312	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,5%	95,1%	80,9%	77,8%	69,2%	H06TEAAC#60Cu06p2000	
2250	8411	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,8%	95,4%	85,2%	85,5%	80,3%	H06TEAAC#60Cu06p2250	
2500	8411E	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,9%	95,6%	85,2%	85,4%	80,1%	H06TEAAC#60Cu06p2500	
3000	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,3%	95,9%	85,2%	85,2%	79,6%	H06TEAAC#60Cu06p3000	
3500	8511	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,2%	95,7%	85,7%	84,9%	80,2%	H06TEAAC#60Cu06p3500	
4000	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	95,9%	85,9%	85,1%	80,4%	H06TEAAC#60Cu06p4000	
4500	8512	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,5%	96,1%	86,0%	85,2%	80,6%	H06TEAAC#60Cu06p4500	
5000	8512	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,6%	96,3%	86,2%	85,4%	80,8%	H06TEAAC#60Cu06p5000	
8-pole											
900	8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	95,0%	94,9%	79,4%	76,5%	67,3%	H06TEAAC#60Cu08p900	
1000	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	95,1%	95,0%	79,8%	77,1%	68,2%	H06TEAAC#60Cu08p1000	
1250	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,3%	95,2%	80,7%	78,5%	70,5%	H06TEAAC#60Cu08p1250	
1500	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,5%	95,4%	81,6%	80,0%	72,7%	H06TEAAC#60Cu08p1500	
1600	8411	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,7%	95,7%	84,8%	83,2%	77,0%	H06TEAAC#60Cu08p1600	
1750	8411	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,8%	95,7%	84,6%	82,7%	76,1%	H06TEAAC#60Cu08p1750	
2000	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,8%	95,6%	84,2%	81,8%	74,6%	H06TEAAC#60Cu08p2000	
2250	8411E	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,8%	95,6%	83,9%	81,0%	73,1%	H06TEAAC#60Cu08p2250	

Power HP	NEMA Frame	GE 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											
2500		8511	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,4%	96,2%	85,2%	83,5%	77,3%	H06TEAAC#60Cu08p2500
3000		8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,5%	96,3%	85,1%	83,7%	77,9%	H06TEAAC#60Cu08p3000
3500		8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,6%	96,4%	85,0%	83,9%	78,4%	H06TEAAC#60Cu08p3500
4000		8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,6%	96,5%	84,9%	84,1%	79,0%	H06TEAAC#60Cu08p4000
10-pole											
600		8311	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,4%	94,2%	78,1%	76,9%	67,4%	H06TEAAC#60Cu10p600
700		8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,5%	94,4%	78,6%	77,6%	68,6%	H06TEAAC#60Cu10p700
800		8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,6%	94,5%	79,0%	78,4%	69,7%	H06TEAAC#60Cu10p800
900		8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,8%	94,7%	79,4%	79,1%	70,9%	H06TEAAC#60Cu10p900
1000		8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,9%	94,9%	79,8%	79,8%	72,0%	H06TEAAC#60Cu10p1000
1050		8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	95,0%	80,0%	80,2%	72,6%	H06TEAAC#60Cu10p1050
1100		8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,4%	95,1%	81,1%	78,4%	70,0%	H06TEAAC#60Cu10p1100
1250		8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,4%	95,2%	81,6%	79,2%	71,4%	H06TEAAC#60Cu10p1250
1500		8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	95,5%	95,4%	82,3%	80,6%	73,6%	H06TEAAC#60Cu10p1500
1750		8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,6%	95,6%	83,0%	81,9%	75,9%	H06TEAAC#60Cu10p1750
2000		8511	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,8%	95,7%	83,0%	80,4%	72,4%	H06TEAAC#60Cu10p2000
2250		8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,9%	95,8%	83,3%	81,1%	73,7%	H06TEAAC#60Cu10p2250
2500		8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,0%	96,0%	83,5%	81,8%	75,0%	H06TEAAC#60Cu10p2500
3000		8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	96,2%	96,3%	84,0%	83,2%	77,6%	H06TEAAC#60Cu10p3000
12-pole											
100		#N/A	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,6%	94,4%	79,8%	77,1%	68,3%	H06TEAAC#60Cu12p100
450		8311	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,7%	93,1%	71,6%	66,6%	54,4%	H06TEAAC#60Cu12p450
500		8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	93,8%	93,1%	71,2%	66,1%	53,8%	H06TEAAC#60Cu12p500
600		8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,9%	93,1%	70,5%	65,1%	52,7%	H06TEAAC#60Cu12p600
700		8312	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,0%	93,2%	69,8%	64,1%	51,5%	H06TEAAC#60Cu12p700
800		8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,8%	94,4%	78,0%	74,1%	64,3%	H06TEAAC#60Cu12p800
900		8411	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,8%	94,4%	77,8%	73,7%	63,7%	H06TEAAC#60Cu12p900
1200		8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,0%	94,4%	77,0%	72,4%	62,0%	H06TEAAC#60Cu12p1200
1500		8511	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,8%	78,4%	74,0%	63,6%	H06TEAAC#60Cu12p1500
1750		8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,8%	77,7%	73,1%	62,5%	H06TEAAC#60Cu12p1750
2000		8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,1%	94,8%	77,1%	72,2%	61,3%	H06TEAAC#60Cu12p2000
2250		8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	94,8%	76,4%	71,2%	60,2%	H06TEAAC#60Cu12p2250
2500		8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,2%	94,8%	75,7%	70,3%	59,0%	H06TEAAC#60Cu12p2500

Power HP	NEMA Frame	GE 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		8312	Sleeve	Oil self-cooled	94,9%	94,8%	94,0%	92,6%	91,0%	89,1%	H13TEAAC#60Cu02p1750
2000		8411	Sleeve	Oil forced	93,0%	92,1%	90,0%	93,0%	91,7%	90,3%	H13TEAAC#60Cu02p2000
2250		8411	Sleeve	Oil forced	93,4%	92,5%	90,6%	92,8%	91,5%	89,9%	H13TEAAC#60Cu02p2250
2500		8411E	Sleeve	Oil forced	93,8%	93,0%	91,2%	92,6%	91,3%	89,6%	H13TEAAC#60Cu02p2500
3000		8411E	Sleeve	Oil forced	94,6%	94,0%	92,4%	92,3%	90,8%	88,8%	H13TEAAC#60Cu02p3000
3500		8512	Sleeve	Oil forced	94,7%	92,8%	90,8%	92,8%	93,6%	93,4%	H13TEAAC#60Cu02p3500
4000		8512	Sleeve	Oil forced	95,0%	93,3%	91,5%	92,3%	92,8%	92,0%	H13TEAAC#60Cu02p4000
4500		8512	Sleeve	Oil forced	95,4%	93,9%	92,1%	91,7%	92,0%	90,6%	H13TEAAC#60Cu02p4500
4-pole											
1500		8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,3%	93,6%	89,6%	86,7%	81,7%	H13TEAAC#60Cu04p1500
1750		8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,0%	87,3%	83,7%	77,2%	H13TEAAC#60Cu04p1750
2000		8411	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,5%	93,5%	85,5%	80,9%	72,9%	H13TEAAC#60Cu04p2000
2250		8411	AF / Sleeve	Grease / Oil self-cooled	95,5%	94,8%	93,7%	85,1%	80,5%	72,4%	H13TEAAC#60Cu04p2250
2500		8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,1%	94,0%	84,6%	80,0%	71,8%	H13TEAAC#60Cu04p2500
3000		8512	AF / Sleeve	Grease / Oil Forced	94,3%	92,4%	90,2%	91,9%	91,8%	89,9%	H13TEAAC#60Cu04p3000
3500		8512	AF / Sleeve	Grease / Oil Forced	94,6%	93,0%	91,1%	91,3%	91,2%	89,0%	H13TEAAC#60Cu04p3500
4000		8512	AF / Sleeve	Grease / Oil Forced	94,9%	93,6%	91,9%	90,7%	90,5%	88,1%	H13TEAAC#60Cu04p4000
6-pole											
900		8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,3%	92,1%	80,7%	75,9%	65,5%	H13TEAAC#60Cu06p900
1000		8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	93,6%	92,6%	80,6%	75,9%	65,6%	H13TEAAC#60Cu06p1000
1250		8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,3%	93,6%	80,4%	75,9%	65,7%	H13TEAAC#60Cu06p1250
1500		8411	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,0%	94,4%	85,0%	84,5%	78,3%	H13TEAAC#60Cu06p1500
1750		8411	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,2%	94,6%	84,7%	84,0%	77,4%	H13TEAAC#60Cu06p1750
2000		8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,4%	94,9%	84,4%	83,5%	76,4%	H13TEAAC#60Cu06p2000
2500		8511	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,1%	94,3%	84,0%	82,1%	75,6%	H13TEAAC#60Cu06p2500
3000		8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,5%	94,8%	85,1%	83,5%	77,5%	H13TEAAC#60Cu06p3000
3500		8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,9%	95,3%	86,2%	84,8%	79,4%	H13TEAAC#60Cu06p3500
8-pole											
1000		8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,5%	94,3%	85,4%	83,4%	76,8%	H13TEAAC#60Cu08p1000
1250		8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,7%	94,4%	85,2%	82,9%	75,9%	H13TEAAC#60Cu08p1250
1500		8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,8%	94,5%	85,0%	82,4%	75,0%	H13TEAAC#60Cu08p1500
2000		8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,7%	83,8%	80,5%	72,1%	H13TEAAC#60Cu08p2000
2250		8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,2%	94,8%	83,5%	80,2%	71,8%	H13TEAAC#60Cu08p2250
2500		8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,3%	94,9%	83,3%	80,0%	71,5%	H13TEAAC#60Cu08p2500
3000		8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,5%	95,1%	82,7%	79,4%	70,8%	H13TEAAC#60Cu08p3000
3500		8512	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,8%	95,4%	82,2%	78,9%	70,2%	H13TEAAC#60Cu08p3500
10-pole											
850		8411	AF / Sleeve	Grease / Oil self-cooled	93,3%	94,1%	93,6%	81,4%	77,7%	68,0%	H13TEAAC#60Cu10p850
900		8411	AF / Sleeve	Grease / Oil self-cooled	93,4%	94,2%	93,7%	81,6%	78,0%	68,5%	H13TEAAC#60Cu10p900
1000		8411E	AF / Sleeve	Grease / Oil self-cooled	93,5%	94,3%	93,9%	82,0%	78,6%	69,4%	H13TEAAC#60Cu10p1000
1200		8411E	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,6%	94,2%	82,7%	79,7%	71,2%	H13TEAAC#60Cu10p1200
1500		8511	AF / Sleeve	Grease / Oil self-cooled	94,4%	95,4%	95,1%	83,1%	81,1%	73,7%	H13TEAAC#60Cu10p1500
2000		8512	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,5%	95,2%	82,4%	79,9%	72,0%	H13TEAAC#60Cu10p2000
2250		8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,5%	95,2%	82,0%	79,3%	71,1%	H13TEAAC#60Cu10p2250
2500		8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,6%	95,2%	81,6%	78,7%	70,2%	H13TEAAC#60Cu10p2500

Power HP	NEMA Frame	GE 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											
12-pole											
600	8411	8411	AF / Sleeve	Grease / Oil self-cooled	93,5%	93,3%	92,5%	74,4%	67,9%	55,6%	H13TEAAC#60Cu12p600
700	8411E	8411E	AF / Sleeve	Grease / Oil self-cooled	93,7%	93,6%	92,8%	75,1%	68,9%	57,0%	H13TEAAC#60Cu12p700
800	8411E	8411E	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,8%	93,1%	75,8%	70,0%	58,3%	H13TEAAC#60Cu12p800
900	8411E	8411E	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,1%	93,5%	76,5%	71,0%	59,7%	H13TEAAC#60Cu12p900
1250	8511	8511	AF / Sleeve	Grease / Oil self-cooled	93,7%	94,0%	93,6%	78,5%	73,8%	63,2%	H13TEAAC#60Cu12p1250
1500	8512	8512	AF / Sleeve	Grease / Oil self-cooled	93,8%	94,1%	93,8%	78,5%	73,8%	63,2%	H13TEAAC#60Cu12p1500
1750	8512	8512	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,2%	93,9%	78,4%	73,8%	63,2%	H13TEAAC#60Cu12p1750
2000	8512	8512	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,3%	94,1%	78,4%	73,8%	63,2%	H13TEAAC#60Cu12p2000



Power kW	IEC Frame	GE 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	8311	Sleeve	Oil self-cooled	96,5%	96,3%	96,1%	91,5%	90,3%	88,5%	H04WP1I##50Cu02p1887
1491	450G	8311	Sleeve	Oil self-cooled	96,6%	96,3%	96,2%	91,5%	90,5%	88,9%	H04WP1I##50Cu02p2000
1678	450F	8312	Sleeve	Oil self-cooled	96,6%	96,4%	96,3%	91,7%	90,9%	89,7%	H04WP1I##50Cu02p2250
1864	450F	8312	Sleeve	Oil self-cooled	96,6%	96,5%	96,4%	91,9%	91,3%	90,6%	H04WP1I##50Cu02p2500
2204	450F	8312	Sleeve	Oil self-cooled	96,7%	96,7%	96,7%	92,2%	92,1%	92,1%	H04WP1I##50Cu02p2955
2240	500G	8411	Sleeve	Oil forced	96,7%	96,1%	95,6%	89,6%	88,1%	85,1%	H04WP1I##50Cu02p3004
2610	500G	8411	Sleeve	Oil forced	96,8%	96,2%	95,8%	90,0%	88,5%	85,8%	H04WP1I##50Cu02p3500
2983	500F	8411E	Sleeve	Oil forced	96,9%	96,3%	95,9%	90,4%	89,0%	86,5%	H04WP1I##50Cu02p4000
3356	500F	8411E	Sleeve	Oil forced	97,0%	96,5%	96,1%	90,7%	89,4%	87,2%	H04WP1I##50Cu02p4500
3700	500F	8411E	Sleeve	Oil forced	97,1%	96,6%	96,2%	91,1%	89,8%	87,8%	H04WP1I##50Cu02p4962
3800	560G	8511	Sleeve	Oil forced	96,9%	96,4%	95,8%	90,2%	90,5%	88,4%	H04WP1I##50Cu02p5096
4474	560F	8512	Sleeve	Oil forced	97,0%	96,5%	95,9%	90,1%	90,4%	88,2%	H04WP1I##50Cu02p6000
5220	560F	8512	Sleeve	Oil forced	97,1%	96,6%	96,1%	89,9%	90,2%	88,0%	H04WP1I##50Cu02p7000
5966	560F	8512	Sleeve	Oil forced	97,2%	96,8%	96,3%	89,7%	90,0%	87,9%	H04WP1I##50Cu02p8000
6200	560F	8512	Sleeve	Oil forced	97,3%	96,8%	96,3%	89,7%	90,0%	87,8%	H04WP1I##50Cu02p8314
4-pole											
1400	450G	8311	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,7%	95,5%	85,5%	82,4%	76,0%	H04WP1I##50Cu04p1877
1491	450G	8311	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,8%	95,6%	85,8%	82,8%	76,7%	H04WP1I##50Cu04p2000
1678	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,5%	95,9%	95,7%	86,4%	83,6%	78,0%	H04WP1I##50Cu04p2250
1864	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,8%	86,9%	84,5%	79,3%	H04WP1I##50Cu04p2500
2100	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,6%	96,1%	96,0%	87,7%	85,5%	81,0%	H04WP1I##50Cu04p2816
2200	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,0%	95,5%	85,1%	81,2%	73,9%	H04WP1I##50Cu04p2950
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,0%	95,5%	85,1%	81,3%	74,1%	H04WP1I##50Cu04p3000
2610	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,2%	95,7%	85,7%	82,4%	76,0%	H04WP1I##50Cu04p3500
2983	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,3%	95,9%	86,2%	83,4%	77,9%	H04WP1I##50Cu04p4000
3250	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,1%	96,4%	96,0%	86,6%	84,2%	79,2%	H04WP1I##50Cu04p4358
3400	560G	8511	AF / Sleeve	Grease / Oil Forced	96,9%	96,6%	96,3%	87,8%	87,2%	83,1%	H04WP1I##50Cu04p4559
3729	560G	8511	AF / Sleeve	Grease / Oil Forced	96,9%	96,6%	96,4%	88,0%	87,6%	83,9%	H04WP1I##50Cu04p5000
4101	560F	8512	AF / Sleeve	Grease / Oil Forced	96,9%	96,7%	96,5%	88,1%	88,0%	84,7%	H04WP1I##50Cu04p5500
4474	560F	8512	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,6%	88,3%	88,4%	85,6%	H04WP1I##50Cu04p6000
5220	560F	8512	AF / Sleeve	Grease / Oil Forced	97,0%	96,9%	96,8%	88,7%	89,3%	87,3%	H04WP1I##50Cu04p7000
5500	560F	8512	AF / Sleeve	Grease / Oil Forced	97,1%	97,0%	96,9%	88,8%	89,6%	88,0%	H04WP1I##50Cu04p7376
6-pole											
1000	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,3%	95,1%	83,4%	81,5%	74,6%	H04WP1I##50Cu06p1341
1119	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,4%	95,2%	82,8%	80,7%	73,5%	H04WP1I##50Cu06p1500
1305	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,5%	95,3%	81,8%	79,4%	71,8%	H04WP1I##50Cu06p1750
1491	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,6%	95,4%	80,8%	78,2%	70,0%	H04WP1I##50Cu06p2000
1550	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,6%	95,5%	80,5%	77,8%	69,5%	H04WP1I##50Cu06p2079
1800	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,0%	95,8%	83,7%	84,0%	78,5%	H04WP1I##50Cu06p2414
1864	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,0%	95,8%	83,7%	84,1%	78,7%	H04WP1I##50Cu06p2500
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,2%	96,0%	83,8%	84,5%	79,6%	H04WP1I##50Cu06p3000
2610	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,2%	83,8%	84,9%	80,5%	H04WP1I##50Cu06p3500
2700	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,3%	96,0%	83,7%	82,5%	76,6%	H04WP1I##50Cu06p3621

Power kW	IEC Frame	GE 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											
2700	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,3%	96,2%	83,8%	85,0%	80,7%	H04WPII##50Cu06p3621
2983	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,4%	96,0%	83,9%	82,7%	77,0%	H04WPII##50Cu06p4000
3356	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,4%	96,1%	84,1%	83,1%	77,5%	H04WPII##50Cu06p4500
3729	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,4%	96,1%	84,4%	83,4%	78,1%	H04WPII##50Cu06p5000
4100	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,5%	96,1%	84,6%	83,7%	78,6%	H04WPII##50Cu06p5498
8-pole											
710	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,6%	94,3%	78,8%	76,1%	67,0%	H04WPII##50Cu08p952
746	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,6%	94,4%	78,9%	76,2%	67,2%	H04WPII##50Cu08p1000
932	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,8%	94,6%	79,2%	77,0%	68,4%	H04WPII##50Cu08p1250
1119	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,0%	94,8%	79,6%	77,7%	69,6%	H04WPII##50Cu08p1500
1150	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,8%	79,6%	77,8%	69,8%	H04WPII##50Cu08p1542
1250	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,6%	95,6%	83,3%	81,3%	74,4%	H04WPII##50Cu08p1676
1305	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,6%	95,6%	83,3%	81,3%	74,3%	H04WPII##50Cu08p1750
1491	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,6%	95,6%	83,3%	81,2%	74,1%	H04WPII##50Cu08p2000
1678	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,7%	83,3%	81,1%	73,9%	H04WPII##50Cu08p2250
1800	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,7%	95,7%	83,3%	81,0%	73,8%	H04WPII##50Cu08p2414
1900	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,7%	82,9%	79,8%	71,4%	H04WPII##50Cu08p2548
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,7%	82,9%	80,1%	72,1%	H04WPII##50Cu08p3000
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,8%	83,0%	80,5%	72,9%	H04WPII##50Cu08p3500
2983	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,8%	83,0%	80,9%	73,6%	H04WPII##50Cu08p4000
3400	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,1%	96,0%	95,9%	83,1%	81,3%	74,5%	H04WPII##50Cu08p4559
10-pole											
500	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,0%	93,6%	78,1%	77,5%	68,6%	H04WPII##50Cu10p671
522	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,1%	93,6%	78,2%	77,6%	68,8%	H04WPII##50Cu10p700
597	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,1%	93,8%	78,4%	78,1%	69,4%	H04WPII##50Cu10p800
671	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,2%	93,9%	78,7%	78,5%	70,1%	H04WPII##50Cu10p900
746	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	94,0%	78,9%	78,9%	70,7%	H04WPII##50Cu10p1000
780	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,4%	94,1%	79,0%	79,1%	71,0%	H04WPII##50Cu10p1046
900	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	95,0%	80,8%	78,3%	70,2%	H04WPII##50Cu10p1207
932	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	95,1%	80,8%	78,3%	70,1%	H04WPII##50Cu10p1250
1119	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,3%	95,1%	80,6%	78,0%	69,7%	H04WPII##50Cu10p1500
1305	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,3%	95,1%	80,4%	77,8%	69,3%	H04WPII##50Cu10p1750
1350	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,3%	95,2%	80,3%	77,7%	69,2%	H04WPII##50Cu10p1810
1500	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,4%	83,1%	81,3%	74,1%	H04WPII##50Cu10p2012
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,4%	83,0%	81,3%	74,2%	H04WPII##50Cu10p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,5%	82,8%	81,2%	74,3%	H04WPII##50Cu10p2500
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,7%	95,5%	82,5%	81,2%	74,6%	H04WPII##50Cu10p3000
2600	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,7%	95,6%	82,2%	81,1%	74,8%	H04WPII##50Cu10p3487
12-pole											
355	450G	8311	AF / Sleeve	Grease / Oil self-cooled	93,9%	92,9%	92,0%	71,1%	66,4%	54,4%	H04WPII##50Cu12p476
373	450G	8311	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,0%	92,0%	71,3%	66,7%	54,9%	H04WPII##50Cu12p500
447	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,2%	92,4%	72,3%	68,2%	56,7%	H04WPII##50Cu12p600
522	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,5%	92,8%	73,2%	69,7%	58,6%	H04WPII##50Cu12p700
560	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,2%	93,6%	93,0%	73,7%	70,4%	59,6%	H04WPII##50Cu12p751
630	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,6%	94,5%	77,8%	74,4%	65,2%	H04WPII##50Cu12p845
671	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,5%	77,7%	74,3%	65,0%	H04WPII##50Cu12p900

Power kW	IEC Frame	GE 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											
746	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,7%	94,5%	77,5%	74,0%	64,6%	H04WP1I##50Cu12p1000
932	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	94,8%	94,5%	77,1%	73,3%	63,6%	H04WP1I##50Cu12p1250
970	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	94,8%	94,5%	77,0%	73,2%	63,4%	H04WP1I##50Cu12p1301
1100	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,3%	77,7%	73,6%	63,5%	H04WP1I##50Cu12p1475
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,3%	77,7%	73,6%	63,5%	H04WP1I##50Cu12p1500
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,4%	77,5%	73,6%	63,6%	H04WP1I##50Cu12p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,4%	77,4%	73,6%	63,7%	H04WP1I##50Cu12p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,8%	94,5%	77,2%	73,5%	63,8%	H04WP1I##50Cu12p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,8%	94,6%	77,1%	73,5%	63,9%	H04WP1I##50Cu12p2500
1950	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,8%	94,6%	77,0%	73,5%	64,0%	H04WP1I##50Cu12p2615



Power kW	IEC Frame	GE 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	8311	Sleeve	Oil self-cooled	96,3%	95,9%	95,6%	89,7%	88,6%	86,2%	H06WPII##50Cu02p1877
1491	450G	8311	Sleeve	Oil self-cooled	96,3%	96,0%	95,7%	89,7%	88,6%	86,3%	H06WPII##50Cu02p2000
1678	450F	8312	Sleeve	Oil self-cooled	96,4%	96,1%	95,8%	89,7%	88,7%	86,5%	H06WPII##50Cu02p2250
1864	450F	8312	Sleeve	Oil self-cooled	96,5%	96,2%	96,0%	89,7%	88,8%	86,8%	H06WPII##50Cu02p2500
2237	450F	8312	Sleeve	Oil self-cooled	96,7%	96,5%	96,3%	89,7%	89,0%	87,2%	H06WPII##50Cu02p3000
2400	450F	8312	Sleeve	Oil self-cooled	96,8%	96,6%	96,5%	89,7%	89,1%	87,4%	H06WPII##50Cu02p3218
2500	500G	8411	Sleeve	Oil forced	96,8%	96,3%	95,8%	90,4%	89,2%	86,9%	H06WPII##50Cu02p3353
2983	500F	8411E	Sleeve	Oil forced	96,9%	96,4%	96,0%	90,9%	90,0%	88,3%	H06WPII##50Cu02p4000
3356	500F	8411E	Sleeve	Oil forced	97,0%	96,6%	96,2%	91,2%	90,6%	89,5%	H06WPII##50Cu02p4500
3500	500F	8411E	Sleeve	Oil forced	97,0%	96,6%	96,3%	91,4%	90,8%	89,9%	H06WPII##50Cu02p4694
3600	560G	8511	Sleeve	Oil forced	96,8%	96,1%	95,5%	90,4%	90,7%	88,7%	H06WPII##50Cu02p4828
3729	560F	8512	Sleeve	Oil forced	96,8%	96,2%	95,5%	90,4%	90,7%	88,7%	H06WPII##50Cu02p5000
4101	560F	8512	Sleeve	Oil forced	96,9%	96,3%	95,6%	90,3%	90,6%	88,6%	H06WPII##50Cu02p5500
4474	560F	8512	Sleeve	Oil forced	96,9%	96,3%	95,8%	90,2%	90,5%	88,5%	H06WPII##50Cu02p6000
5220	560F	8512	Sleeve	Oil forced	97,1%	96,5%	96,0%	90,1%	90,3%	88,3%	H06WPII##50Cu02p7000
5900	560F	8512	Sleeve	Oil forced	97,2%	96,7%	96,2%	90,0%	90,2%	88,1%	H06WPII##50Cu02p7912
4-pole											
1400	450G	8311	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,6%	95,2%	85,0%	81,6%	74,7%	H06WPII##50Cu04p1877
1491	450G	8311	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,6%	95,3%	85,2%	82,1%	75,6%	H06WPII##50Cu04p2000
1678	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,8%	95,5%	85,8%	83,1%	77,4%	H06WPII##50Cu04p2250
1864	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,9%	95,8%	86,4%	84,2%	79,2%	H06WPII##50Cu04p2500
2100	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,1%	96,0%	87,2%	85,5%	81,5%	H06WPII##50Cu04p2816
2150	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,3%	95,8%	86,3%	82,7%	75,9%	H06WPII##50Cu04p2883
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,3%	95,9%	86,3%	82,9%	76,2%	H06WPII##50Cu04p3000
2610	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,4%	96,0%	86,7%	83,5%	77,4%	H06WPII##50Cu04p3500
2983	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,1%	96,5%	96,2%	87,0%	84,1%	78,6%	H06WPII##50Cu04p4000
3250	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,1%	96,6%	96,3%	87,2%	84,6%	79,4%	H06WPII##50Cu04p4358
3400	560G	8511	AF / Sleeve	Grease / Oil Forced	96,9%	96,6%	96,4%	87,9%	87,5%	83,8%	H06WPII##50Cu04p4559
3729	560G	8511	AF / Sleeve	Grease / Oil Forced	96,9%	96,7%	96,4%	88,0%	87,8%	84,3%	H06WPII##50Cu04p5000
4101	560F	8512	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,5%	88,2%	88,1%	84,9%	H06WPII##50Cu04p5500
4474	560F	8512	AF / Sleeve	Grease / Oil Forced	97,0%	96,8%	96,6%	88,4%	88,4%	85,5%	H06WPII##50Cu04p6000
5200	560F	8512	AF / Sleeve	Grease / Oil Forced	97,1%	96,9%	96,7%	88,7%	89,0%	86,7%	H06WPII##50Cu04p6973
6-pole											
950	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,0%	94,7%	80,4%	77,1%	68,0%	H06WPII##50Cu06p1274
1119	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,1%	94,7%	80,3%	77,1%	68,1%	H06WPII##50Cu06p1500
1305	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,1%	94,8%	80,2%	77,1%	68,3%	H06WPII##50Cu06p1750
1491	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,2%	94,9%	80,1%	77,1%	68,4%	H06WPII##50Cu06p2000
1500	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,2%	94,9%	80,1%	77,1%	68,4%	H06WPII##50Cu06p2012
1600	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,8%	95,6%	83,5%	84,2%	79,1%	H06WPII##50Cu06p2146
1678	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,8%	95,7%	83,6%	84,3%	79,3%	H06WPII##50Cu06p2250
1864	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,9%	95,7%	83,7%	84,5%	79,7%	H06WPII##50Cu06p2500
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,0%	95,9%	84,0%	84,9%	80,4%	H06WPII##50Cu06p3000
2450	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,1%	95,9%	84,1%	85,2%	80,9%	H06WPII##50Cu06p3285
2600	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,3%	95,9%	83,9%	82,6%	76,7%	H06WPII##50Cu06p3487
2610	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,3%	95,9%	83,9%	82,6%	76,7%	H06WPII##50Cu06p3500
2983	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,4%	96,1%	84,0%	83,0%	77,4%	H06WPII##50Cu06p4000
3729	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,5%	96,3%	84,3%	83,7%	78,8%	H06WPII##50Cu06p5000
4000	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,6%	96,4%	84,4%	84,0%	79,3%	H06WPII##50Cu06p5364

Power kW	IEC Frame	GE 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											
630	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,8%	80,3%	78,2%	70,0%	H06WP1I##50Cu08p845
671	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,6%	94,8%	80,4%	78,3%	70,2%	H06WP1I##50Cu08p900
746	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,7%	94,9%	80,6%	78,5%	70,5%	H06WP1I##50Cu08p1000
932	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	95,1%	80,9%	79,1%	71,3%	H06WP1I##50Cu08p1250
1050	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,1%	95,2%	81,1%	79,4%	71,8%	H06WP1I##50Cu08p1408
1120	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,4%	95,3%	82,9%	80,0%	71,9%	H06WP1I##50Cu08p1502
1305	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,4%	95,3%	82,9%	80,0%	71,8%	H06WP1I##50Cu08p1750
1491	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,5%	95,4%	82,9%	80,0%	71,8%	H06WP1I##50Cu08p2000
1650	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,5%	95,4%	82,9%	80,0%	71,7%	H06WP1I##50Cu08p2213
1800	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,8%	95,6%	84,2%	81,9%	74,7%	H06WP1I##50Cu08p2414
2237	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,8%	95,7%	83,6%	81,5%	74,6%	H06WP1I##50Cu08p3000
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,9%	95,8%	83,0%	81,2%	74,5%	H06WP1I##50Cu08p3500
2983	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,9%	95,8%	82,4%	80,9%	74,3%	H06WP1I##50Cu08p4000
3150	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,9%	95,9%	82,2%	80,8%	74,3%	H06WP1I##50Cu08p4224
10-pole											
450	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	93,7%	93,3%	77,5%	75,9%	65,8%	H06WP1I##50Cu10p603
522	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,4%	93,9%	93,6%	77,1%	75,5%	65,4%	H06WP1I##50Cu10p700
597	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,1%	93,9%	76,7%	75,1%	65,0%	H06WP1I##50Cu10p800
671	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,3%	94,1%	76,3%	74,8%	64,7%	H06WP1I##50Cu10p900
740	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,5%	94,4%	75,9%	74,4%	64,3%	H06WP1I##50Cu10p992
800	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,9%	94,8%	80,5%	77,9%	69,6%	H06WP1I##50Cu10p1073
932	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	95,0%	94,9%	80,9%	78,5%	70,5%	H06WP1I##50Cu10p1250
1119	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	95,2%	81,5%	79,3%	71,7%	H06WP1I##50Cu10p1500
1250	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,3%	95,3%	81,8%	79,9%	72,5%	H06WP1I##50Cu10p1676
1400	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,2%	82,0%	79,5%	71,4%	H06WP1I##50Cu10p1877
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,2%	82,0%	79,6%	71,6%	H06WP1I##50Cu10p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,3%	82,0%	79,7%	72,0%	H06WP1I##50Cu10p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,6%	95,3%	81,9%	79,9%	72,3%	H06WP1I##50Cu10p2500
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,4%	81,9%	80,2%	73,1%	H06WP1I##50Cu10p3000
2400	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,6%	95,5%	81,8%	80,3%	73,4%	H06WP1I##50Cu10p3218
12-pole											
315	450G	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	92,6%	91,4%	68,1%	61,8%	49,0%	H06WP1I##50Cu12p422
336	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,6%	92,7%	91,5%	68,4%	62,2%	49,5%	H06WP1I##50Cu12p450
373	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	92,8%	91,7%	68,9%	63,0%	50,3%	H06WP1I##50Cu12p500
447	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,0%	92,0%	69,9%	64,4%	52,0%	H06WP1I##50Cu12p600
500	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,2%	92,3%	70,6%	65,5%	53,2%	H06WP1I##50Cu12p671
560	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,4%	94,1%	76,3%	72,2%	62,1%	H06WP1I##50Cu12p751
597	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,4%	94,1%	76,2%	72,1%	62,0%	H06WP1I##50Cu12p800
671	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,5%	94,2%	76,1%	71,9%	61,6%	H06WP1I##50Cu12p900
746	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,5%	94,2%	75,9%	71,6%	61,3%	H06WP1I##50Cu12p1000
930	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,6%	94,2%	75,6%	71,1%	60,6%	H06WP1I##50Cu12p1247
1100	560G	8511	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,1%	93,6%	76,3%	70,9%	59,5%	H06WP1I##50Cu12p1475
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,1%	93,6%	76,3%	71,0%	59,6%	H06WP1I##50Cu12p1500
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,2%	93,8%	76,5%	71,5%	60,3%	H06WP1I##50Cu12p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,2%	93,9%	76,7%	72,0%	61,1%	H06WP1I##50Cu12p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,3%	94,0%	77,0%	72,5%	61,9%	H06WP1I##50Cu12p2250
1800	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,3%	94,1%	77,1%	72,8%	62,4%	H06WP1I##50Cu12p2414

Power kW	IEC Frame	GE 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	8312	Sleeve	Oil self-cooled	96,1%	95,8%	95,6%	92,6%	91,5%	90,2%	H11WPII##50Cu02p2052
1600	500G	8411	Sleeve	Oil forced	96,4%	95,6%	94,9%	91,4%	89,6%	86,7%	H11WPII##50Cu02p2146
1678	500G	8411	Sleeve	Oil forced	96,4%	95,7%	95,0%	91,3%	89,6%	86,6%	H11WPII##50Cu02p2250
1864	500G	8411	Sleeve	Oil forced	96,5%	95,7%	95,0%	91,3%	89,5%	86,4%	H11WPII##50Cu02p2500
2237	500F	8411E	Sleeve	Oil forced	96,5%	95,8%	95,2%	91,2%	89,3%	86,1%	H11WPII##50Cu02p3000
2550	500F	8411E	Sleeve	Oil forced	96,6%	95,9%	95,4%	91,2%	89,1%	85,8%	H11WPII##50Cu02p3420
2700	560G	8511	Sleeve	Oil forced	96,3%	95,8%	95,0%	88,8%	88,5%	85,4%	H11WPII##50Cu02p3621
2983	560G	8511	Sleeve	Oil forced	96,4%	95,9%	95,2%	88,9%	88,7%	85,7%	H11WPII##50Cu02p4000
3356	560F	8512	Sleeve	Oil forced	96,5%	96,0%	95,3%	89,1%	88,9%	86,1%	H11WPII##50Cu02p4500
3729	560F	8512	Sleeve	Oil forced	96,6%	96,1%	95,5%	89,3%	89,2%	86,5%	H11WPII##50Cu02p5000
4101	560F	8512	Sleeve	Oil forced	96,7%	96,3%	95,7%	89,5%	89,5%	86,9%	H11WPII##50Cu02p5500
4474	560F	8512	Sleeve	Oil forced	96,8%	96,4%	95,9%	89,6%	89,7%	87,4%	H11WPII##50Cu02p6000
4600	560F	8512	Sleeve	Oil forced	96,9%	96,5%	95,9%	89,7%	89,8%	87,5%	H11WPII##50Cu02p6169
4-pole											
900	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,7%	94,9%	94,5%	89,0%	85,9%	80,1%	H11WPII##50Cu04p1207
932	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,0%	94,6%	89,0%	85,9%	80,2%	H11WPII##50Cu04p1250
1119	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,1%	94,8%	88,9%	86,0%	80,6%	H11WPII##50Cu04p1500
1491	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,5%	95,3%	88,6%	86,2%	81,5%	H11WPII##50Cu04p2000
1600	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,6%	95,4%	88,5%	86,2%	81,7%	H11WPII##50Cu04p2146
1800	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,7%	95,7%	95,2%	88,0%	84,8%	78,8%	H11WPII##50Cu04p2414
1864	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,7%	95,8%	95,2%	88,0%	84,8%	78,9%	H11WPII##50Cu04p2500
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,6%	95,8%	95,4%	87,9%	85,1%	79,7%	H11WPII##50Cu04p3000
2400	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,6%	95,8%	95,4%	87,8%	85,2%	80,0%	H11WPII##50Cu04p3218
2500	560G	8511	AF / Sleeve	Grease / Oil Forced	96,5%	96,1%	95,5%	87,7%	86,4%	81,2%	H11WPII##50Cu04p3353
2983	560G	8511	AF / Sleeve	Grease / Oil Forced	96,6%	96,2%	95,8%	88,0%	87,0%	82,3%	H11WPII##50Cu04p4000
3356	560F	8512	AF / Sleeve	Grease / Oil Forced	96,7%	96,3%	96,0%	88,3%	87,5%	83,2%	H11WPII##50Cu04p4500
3729	560F	8512	AF / Sleeve	Grease / Oil Forced	96,8%	96,5%	96,1%	88,5%	87,9%	84,1%	H11WPII##50Cu04p5000
4101	560F	8512	AF / Sleeve	Grease / Oil Forced	96,8%	96,6%	96,3%	88,7%	88,4%	85,0%	H11WPII##50Cu04p5500
4200	560F	8512	AF / Sleeve	Grease / Oil Forced	96,9%	96,6%	96,4%	88,8%	88,5%	85,2%	H11WPII##50Cu04p5632
6-pole											
630	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,5%	94,3%	93,6%	81,2%	76,9%	66,9%	H11WPII##50Cu06p845
671	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	94,4%	93,7%	81,0%	76,8%	66,8%	H11WPII##50Cu06p900
746	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	94,4%	93,8%	80,7%	76,6%	66,8%	H11WPII##50Cu06p1000
932	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,5%	94,6%	94,1%	80,0%	76,1%	66,5%	H11WPII##50Cu06p1250
1100	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,4%	94,8%	94,4%	79,3%	75,7%	66,3%	H11WPII##50Cu06p1475
1250	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,1%	94,8%	83,6%	83,5%	77,3%	H11WPII##50Cu06p1676
1305	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,2%	94,9%	83,7%	83,5%	77,3%	H11WPII##50Cu06p1750
1491	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,7%	95,3%	95,0%	83,9%	83,7%	77,4%	H11WPII##50Cu06p2000
1678	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,4%	95,1%	84,0%	83,8%	77,6%	H11WPII##50Cu06p2250
1750	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,4%	95,2%	84,1%	83,9%	77,6%	H11WPII##50Cu06p2347
2000	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,7%	95,4%	84,0%	82,5%	76,3%	H11WPII##50Cu06p2682
2237	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,8%	95,5%	84,4%	83,1%	77,3%	H11WPII##50Cu06p3000
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,0%	95,7%	85,0%	84,0%	78,8%	H11WPII##50Cu06p3500
2983	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,1%	95,9%	85,6%	85,0%	80,3%	H11WPII##50Cu06p4000
3200	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,2%	96,0%	85,9%	85,5%	81,2%	H11WPII##50Cu06p4291

Power kW	IEC Frame	GE 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											
8-pole											
710	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,3%	94,4%	85,5%	83,5%	76,9%	H11WP11##50Cu08p952
746	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,3%	94,4%	85,4%	83,4%	76,7%	H11WP11##50Cu08p1000
932	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,4%	94,5%	85,2%	82,7%	75,5%	H11WP11##50Cu08p1250
1119	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,6%	94,5%	84,9%	82,1%	74,3%	H11WP11##50Cu08p1500
1250	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,7%	94,6%	84,7%	81,6%	73,4%	H11WP11##50Cu08p1676
1400	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,1%	95,0%	86,4%	85,1%	79,6%	H11WP11##50Cu08p1877
1491	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,2%	95,1%	86,2%	84,9%	79,2%	H11WP11##50Cu08p2000
1678	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,2%	95,1%	85,8%	84,3%	78,5%	H11WP11##50Cu08p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,3%	95,2%	85,4%	83,8%	77,7%	H11WP11##50Cu08p2500
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,4%	95,2%	84,7%	82,8%	76,3%	H11WP11##50Cu08p3000
2500	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,5%	95,3%	84,1%	82,1%	75,2%	H11WP11##50Cu08p3353
10-pole											
560	500G	8411	AF / Sleeve	Grease / Oil self-cooled	93,9%	94,1%	93,6%	79,6%	75,2%	64,7%	H11WP11##50Cu10p751
597	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	94,2%	93,7%	80,0%	75,7%	65,4%	H11WP11##50Cu10p800
671	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,4%	94,0%	80,6%	76,7%	66,7%	H11WP11##50Cu10p900
746	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,6%	94,2%	81,3%	77,6%	68,1%	H11WP11##50Cu10p1000
850	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,9%	94,6%	82,2%	79,0%	70,0%	H11WP11##50Cu10p1140
1000	560G	8511	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,8%	94,1%	80,7%	76,8%	66,9%	H11WP11##50Cu10p1341
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,9%	94,2%	81,0%	77,4%	67,9%	H11WP11##50Cu10p1500
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,4%	81,4%	78,3%	69,5%	H11WP11##50Cu10p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,0%	94,6%	81,8%	79,2%	71,1%	H11WP11##50Cu10p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,1%	94,8%	82,2%	80,2%	72,8%	H11WP11##50Cu10p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,2%	95,0%	82,5%	81,1%	74,4%	H11WP11##50Cu10p2500
1950	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,1%	82,7%	81,5%	75,1%	H11WP11##50Cu10p2615
12-pole											
400	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,2%	92,4%	73,7%	67,2%	55,0%	H11WP11##50Cu12p536
447	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,4%	92,7%	74,3%	68,1%	56,1%	H11WP11##50Cu12p600
522	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	93,7%	93,1%	75,2%	69,4%	57,8%	H11WP11##50Cu12p700
630	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,2%	93,7%	76,6%	71,4%	60,3%	H11WP11##50Cu12p845
800	560G	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,1%	93,4%	77,9%	73,2%	62,5%	H11WP11##50Cu12p1073
932	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,2%	93,6%	78,3%	73,9%	63,5%	H11WP11##50Cu12p1250
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,3%	93,9%	78,9%	75,0%	65,0%	H11WP11##50Cu12p1500
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,5%	94,2%	79,6%	76,0%	66,5%	H11WP11##50Cu12p1750
1320	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,5%	94,2%	79,6%	76,1%	66,6%	H11WP11##50Cu12p1770

Power kW	IEC Frame	GE 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	8311	Sleeve	Oil self-cooled	95,6%	94,7%	93,8%	91,4%	89,6%	86,8%	H04TEAAC#50Cu02p1676
1305	450G	8311	Sleeve	Oil self-cooled	95,7%	94,8%	93,9%	91,4%	89,7%	87,0%	H04TEAAC#50Cu02p1750
1491	450F	8312	Sleeve	Oil self-cooled	95,8%	95,1%	94,2%	91,6%	90,1%	87,6%	H04TEAAC#50Cu02p2000
1678	450F	8312	Sleeve	Oil self-cooled	96,0%	95,4%	94,6%	91,9%	90,4%	88,2%	H04TEAAC#50Cu02p2250
1864	450F	8312	Sleeve	Oil self-cooled	96,2%	95,6%	95,0%	92,1%	90,8%	88,8%	H04TEAAC#50Cu02p2500
2100	450F	8312	Sleeve	Oil self-cooled	96,4%	96,0%	95,4%	92,4%	91,2%	89,6%	H04TEAAC#50Cu02p2816
2200	500G	8411	Sleeve	Oil forced	96,5%	95,7%	94,8%	90,6%	88,7%	85,5%	H04TEAAC#50Cu02p2950
2237	500F	8411E	Sleeve	Oil forced	96,5%	95,7%	94,8%	90,7%	88,8%	85,6%	H04TEAAC#50Cu02p3000
2983	500F	8411E	Sleeve	Oil forced	96,9%	96,2%	95,6%	91,5%	89,9%	87,5%	H04TEAAC#50Cu02p4000
3100	500F	8411E	Sleeve	Oil forced	97,0%	96,3%	95,7%	91,7%	90,1%	87,8%	H04TEAAC#50Cu02p4157
3150	560G	8511	Sleeve	Oil forced	96,3%	94,8%	93,5%	89,1%	89,0%	86,3%	H04TEAAC#50Cu02p4224
3729	560F	8512	Sleeve	Oil forced	96,5%	95,1%	93,9%	89,4%	89,3%	86,7%	H04TEAAC#50Cu02p5000
4474	560F	8512	Sleeve	Oil forced	96,6%	95,6%	94,6%	89,7%	89,6%	87,1%	H04TEAAC#50Cu02p6000
5200	560F	8512	Sleeve	Oil forced	96,8%	96,0%	95,1%	90,0%	90,0%	87,6%	H04TEAAC#50Cu02p6973
4-pole											
1250	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,9%	94,8%	94,0%	85,6%	81,6%	74,2%	H04TEAAC#50Cu04p1676
1305	450G	8311	AF / Sleeve	Grease / Oil self-cooled	96,0%	94,9%	94,1%	85,9%	82,1%	75,0%	H04TEAAC#50Cu04p1750
1491	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,1%	94,5%	86,9%	83,7%	77,7%	H04TEAAC#50Cu04p2000
1678	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,4%	94,8%	88,0%	85,4%	80,4%	H04TEAAC#50Cu04p2250
1750	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,3%	95,5%	95,0%	88,4%	86,0%	81,4%	H04TEAAC#50Cu04p2347
1800	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,5%	95,4%	94,6%	86,3%	82,4%	75,2%	H04TEAAC#50Cu04p2414
1864	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,5%	95,5%	94,6%	86,3%	82,5%	75,5%	H04TEAAC#50Cu04p2500
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,7%	95,7%	95,0%	86,7%	83,4%	77,0%	H04TEAAC#50Cu04p3000
2610	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,0%	95,4%	87,1%	84,2%	78,6%	H04TEAAC#50Cu04p3500
2750	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,1%	95,6%	87,2%	84,5%	79,2%	H04TEAAC#50Cu04p3688
2900	560G	8511	AF / Sleeve	Grease / Oil Forced	96,2%	95,5%	94,6%	88,9%	88,6%	85,4%	H04TEAAC#50Cu04p3889
2983	560G	8511	AF / Sleeve	Grease / Oil Forced	96,2%	95,5%	94,7%	88,9%	88,6%	85,5%	H04TEAAC#50Cu04p4000
3356	560G	8511	AF / Sleeve	Grease / Oil Forced	96,3%	95,7%	94,9%	89,0%	88,8%	85,8%	H04TEAAC#50Cu04p4500
3729	560F	8512	AF / Sleeve	Grease / Oil Forced	96,4%	95,9%	95,2%	89,2%	89,0%	86,1%	H04TEAAC#50Cu04p5000
4101	560F	8512	AF / Sleeve	Grease / Oil Forced	96,5%	96,0%	95,4%	89,3%	89,2%	86,5%	H04TEAAC#50Cu04p5500
4474	560F	8512	AF / Sleeve	Grease / Oil Forced	96,7%	96,2%	95,6%	89,4%	89,4%	86,8%	H04TEAAC#50Cu04p6000
4800	560F	8512	AF / Sleeve	Grease / Oil Forced	96,8%	96,4%	95,9%	89,5%	89,6%	87,1%	H04TEAAC#50Cu04p6437
6-pole											
900	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,8%	94,9%	94,5%	83,2%	81,2%	74,2%	H04TEAAC#50Cu06p1207
932	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,8%	94,9%	94,5%	83,2%	81,2%	74,2%	H04TEAAC#50Cu06p1250
1119	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,2%	94,8%	82,9%	81,2%	74,5%	H04TEAAC#50Cu06p1500
1305	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,4%	95,1%	82,7%	81,2%	74,8%	H04TEAAC#50Cu06p1750
1400	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,5%	95,3%	82,6%	81,2%	74,9%	H04TEAAC#50Cu06p1878
1491	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,3%	94,7%	83,2%	82,8%	76,4%	H04TEAAC#50Cu06p2000
1500	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,3%	94,7%	83,2%	82,8%	76,4%	H04TEAAC#50Cu06p2012
1678	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,5%	94,9%	83,3%	82,9%	76,6%	H04TEAAC#50Cu06p2250
1864	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,7%	95,1%	83,4%	83,0%	76,7%	H04TEAAC#50Cu06p2500
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	96,0%	95,5%	83,6%	83,3%	77,1%	H04TEAAC#50Cu06p3000
2250	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,5%	96,0%	95,5%	83,6%	83,3%	77,1%	H04TEAAC#50Cu06p3017
2300	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,3%	95,8%	85,6%	85,2%	81,0%	H04TEAAC#50Cu06p3084

Power kW	IEC Frame	GE 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											
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,4%	95,9%	85,7%	85,4%	81,3%	H04TEAAC#50Cu06p3500
2983	560F	8512	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,5%	96,1%	85,8%	85,6%	81,7%	H04TEAAC#50Cu06p4000
3356	560F	8512	AF / Sleeve	Grease / Oil self-cooled	97,0%	96,6%	96,3%	85,9%	85,8%	82,1%	H04TEAAC#50Cu06p4500
3500	560F	8512	AF / Sleeve	Grease / Oil self-cooled	97,1%	96,7%	96,4%	85,9%	85,9%	82,2%	H04TEAAC#50Cu06p4694
8-pole											
710	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,3%	93,9%	81,9%	80,1%	72,5%	H04TEAAC#50Cu08p952
746	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,3%	93,9%	81,9%	80,1%	72,5%	H04TEAAC#50Cu08p1000
932	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,7%	94,4%	81,5%	80,0%	72,7%	H04TEAAC#50Cu08p1250
1000	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,9%	94,6%	81,4%	80,0%	72,8%	H04TEAAC#50Cu08p1341
1120	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,7%	84,6%	83,0%	76,8%	H04TEAAC#50Cu08p1502
1305	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,7%	95,7%	84,6%	83,0%	76,7%	H04TEAAC#50Cu08p1750
1491	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,8%	95,8%	84,6%	82,9%	76,6%	H04TEAAC#50Cu08p2000
1500	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,8%	95,8%	84,6%	82,9%	76,6%	H04TEAAC#50Cu08p2012
1600	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,9%	95,5%	84,4%	81,6%	73,7%	H04TEAAC#50Cu08p2146
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,9%	95,5%	84,1%	81,4%	73,5%	H04TEAAC#50Cu08p2500
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,6%	83,7%	81,1%	73,3%	H04TEAAC#50Cu08p3000
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,0%	95,7%	83,3%	80,8%	73,1%	H04TEAAC#50Cu08p3500
2900	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	96,1%	95,8%	83,0%	80,6%	72,9%	H04TEAAC#50Cu08p3889
10-pole											
450	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,8%	93,9%	93,2%	77,3%	75,7%	65,6%	H04TEAAC#50Cu10p603
522	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,0%	93,4%	77,7%	76,4%	66,7%	H04TEAAC#50Cu10p700
597	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,2%	93,6%	78,1%	77,2%	67,9%	H04TEAAC#50Cu10p800
671	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,3%	93,8%	78,5%	77,9%	69,1%	H04TEAAC#50Cu10p900
710	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,4%	93,9%	78,7%	78,3%	69,7%	H04TEAAC#50Cu10p952
800	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,3%	95,2%	81,7%	79,5%	71,7%	H04TEAAC#50Cu10p1073
932	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,4%	95,2%	81,8%	79,6%	71,8%	H04TEAAC#50Cu10p1250
1119	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,5%	95,3%	81,9%	79,7%	71,9%	H04TEAAC#50Cu10p1500
1150	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	95,5%	95,4%	81,9%	79,7%	71,9%	H04TEAAC#50Cu10p1542
1300	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,6%	95,2%	82,4%	80,0%	72,1%	H04TEAAC#50Cu10p1743
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,6%	95,3%	82,4%	80,2%	72,7%	H04TEAAC#50Cu10p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,7%	95,3%	82,4%	80,5%	73,2%	H04TEAAC#50Cu10p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,7%	95,4%	82,3%	80,7%	73,8%	H04TEAAC#50Cu10p2500
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,8%	95,6%	82,2%	81,2%	74,9%	H04TEAAC#50Cu10p3000
2300	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	95,8%	95,6%	82,2%	81,3%	75,1%	H04TEAAC#50Cu10p3084
12-pole											
315	450G	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	92,9%	92,1%	72,7%	68,7%	57,2%	H04TEAAC#50Cu12p422
336	450G	8311	AF / Sleeve	Grease / Oil self-cooled	93,7%	92,9%	92,2%	72,7%	68,7%	57,3%	H04TEAAC#50Cu12p450
373	450G	8311	AF / Sleeve	Grease / Oil self-cooled	93,8%	93,1%	92,3%	72,8%	68,8%	57,4%	H04TEAAC#50Cu12p500
447	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,3%	92,5%	72,9%	68,9%	57,6%	H04TEAAC#50Cu12p600
522	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	93,5%	92,8%	73,0%	69,1%	57,9%	H04TEAAC#50Cu12p700
530	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,3%	93,6%	92,8%	73,0%	69,1%	57,9%	H04TEAAC#50Cu12p711
560	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,7%	94,6%	78,5%	75,3%	66,3%	H04TEAAC#50Cu12p751
597	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,8%	94,7%	78,5%	75,3%	66,3%	H04TEAAC#50Cu12p800
671	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,8%	94,7%	78,5%	75,4%	66,4%	H04TEAAC#50Cu12p900
746	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,9%	94,8%	78,6%	75,4%	66,5%	H04TEAAC#50Cu12p1000
850	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,0%	94,9%	78,6%	75,5%	66,6%	H04TEAAC#50Cu12p1140

Power kW	IEC Frame	GE 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											
1000	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,6%	93,9%	75,7%	70,7%	59,7%	H04TEAAC#50Cu12p1341
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,6%	94,0%	75,8%	70,9%	60,0%	H04TEAAC#50Cu12p1500
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,6%	94,1%	76,0%	71,3%	60,5%	H04TEAAC#50Cu12p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,7%	94,2%	76,2%	71,6%	61,1%	H04TEAAC#50Cu12p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,7%	94,3%	76,4%	72,0%	61,6%	H04TEAAC#50Cu12p2250
1800	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,8%	94,4%	76,5%	72,2%	61,9%	H04TEAAC#50Cu12p2414



Power kW	IEC Frame	GE 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	8311	Sleeve	Oil self-cooled	95,4%	94,5%	93,5%	89,8%	88,0%	84,6%	H06TEAAC#50Cu02p1676
1305	450G	8311	Sleeve	Oil self-cooled	95,5%	94,6%	93,6%	89,9%	88,1%	84,8%	H06TEAAC#50Cu02p1750
1491	450F	8312	Sleeve	Oil self-cooled	95,7%	94,9%	94,0%	90,3%	88,5%	85,3%	H06TEAAC#50Cu02p2000
1678	450F	8312	Sleeve	Oil self-cooled	95,9%	95,1%	94,3%	90,7%	88,9%	85,8%	H06TEAAC#50Cu02p2250
1864	450F	8312	Sleeve	Oil self-cooled	96,1%	95,4%	94,6%	91,1%	89,2%	86,3%	H06TEAAC#50Cu02p2500
2000	450F	8312	Sleeve	Oil self-cooled	96,3%	95,6%	94,9%	91,4%	89,5%	86,7%	H06TEAAC#50Cu02p2682
2100	500G	8411	Sleeve	Oil forced	96,4%	95,6%	94,8%	91,6%	90,3%	88,3%	H06TEAAC#50Cu02p2816
2237	500F	8411E	Sleeve	Oil forced	96,5%	95,7%	94,9%	91,5%	90,2%	88,0%	H06TEAAC#50Cu02p3000
2610	500F	8411E	Sleeve	Oil forced	96,7%	95,9%	95,1%	91,3%	89,8%	87,3%	H06TEAAC#50Cu02p3500
2983	500F	8411E	Sleeve	Oil forced	96,9%	96,1%	95,4%	91,2%	89,4%	86,6%	H06TEAAC#50Cu02p4000
3000	500F	8411E	Sleeve	Oil forced	96,9%	96,1%	95,4%	91,2%	89,4%	86,6%	H06TEAAC#50Cu02p4023
3100	560G	8511	Sleeve	Oil forced	96,3%	94,7%	93,3%	88,2%	87,8%	84,2%	H06TEAAC#50Cu02p4157
3356	560G	8511	Sleeve	Oil forced	96,4%	94,9%	93,6%	88,4%	88,1%	84,8%	H06TEAAC#50Cu02p4500
3729	560F	8512	Sleeve	Oil forced	96,5%	95,1%	93,9%	88,8%	88,6%	85,6%	H06TEAAC#50Cu02p5000
4101	560F	8512	Sleeve	Oil forced	96,5%	95,4%	94,3%	89,2%	89,1%	86,4%	H06TEAAC#50Cu02p5500
4474	560F	8512	Sleeve	Oil forced	96,6%	95,7%	94,7%	89,5%	89,6%	87,2%	H06TEAAC#50Cu02p6000
5100	560F	8512	Sleeve	Oil forced	96,7%	96,1%	95,3%	90,1%	90,4%	88,6%	H06TEAAC#50Cu02p6839
4-pole											
1120	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,8%	94,6%	93,6%	86,4%	82,6%	75,5%	H06TEAAC#50Cu04p1502
1305	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,9%	94,9%	94,1%	86,8%	83,6%	77,3%	H06TEAAC#50Cu04p1750
1491	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,2%	94,5%	87,3%	84,6%	79,2%	H06TEAAC#50Cu04p2000
1678	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,5%	95,0%	87,8%	85,6%	81,1%	H06TEAAC#50Cu04p2250
1720	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,5%	95,1%	87,9%	85,8%	81,5%	H06TEAAC#50Cu04p2307
1800	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,5%	94,8%	86,2%	82,7%	76,0%	H06TEAAC#50Cu04p2414
1864	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,5%	95,6%	94,9%	86,3%	83,0%	76,4%	H06TEAAC#50Cu04p2500
2237	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,7%	95,9%	95,3%	87,3%	84,5%	79,1%	H06TEAAC#50Cu04p3000
2610	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,2%	95,8%	88,2%	86,0%	81,7%	H06TEAAC#50Cu04p3500
2700	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,3%	95,9%	88,4%	86,4%	82,3%	H06TEAAC#50Cu04p3621
2800	560G	8511	AF / Sleeve	Grease / Oil Forced	96,1%	95,3%	94,3%	87,4%	86,6%	82,2%	H06TEAAC#50Cu04p3755
2983	560G	8511	AF / Sleeve	Grease / Oil Forced	96,1%	95,4%	94,5%	87,5%	86,9%	82,8%	H06TEAAC#50Cu04p4000
3356	560F	8512	AF / Sleeve	Grease / Oil Forced	96,3%	95,6%	94,8%	87,8%	87,4%	83,9%	H06TEAAC#50Cu04p4500
3729	560F	8512	AF / Sleeve	Grease / Oil Forced	96,4%	95,8%	95,1%	88,0%	88,0%	85,0%	H06TEAAC#50Cu04p5000
4101	560F	8512	AF / Sleeve	Grease / Oil Forced	96,5%	96,0%	95,4%	88,2%	88,6%	86,2%	H06TEAAC#50Cu04p5500
4500	560F	8512	AF / Sleeve	Grease / Oil Forced	96,6%	96,2%	95,7%	88,5%	89,2%	87,4%	H06TEAAC#50Cu04p6035
6-pole											
800	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,6%	94,4%	93,6%	78,7%	73,9%	63,2%	H06TEAAC#50Cu06p1073
932	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,7%	94,7%	94,0%	79,9%	75,9%	66,2%	H06TEAAC#50Cu06p1250
1119	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,1%	94,6%	81,5%	78,6%	70,5%	H06TEAAC#50Cu06p1500
1301	450F	8312	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,4%	95,2%	83,1%	81,3%	74,6%	H06TEAAC#50Cu06p1744
1400	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,2%	94,5%	83,6%	83,6%	77,7%	H06TEAAC#50Cu06p1877
1491	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,3%	94,7%	83,8%	83,8%	78,0%	H06TEAAC#50Cu06p2000
1678	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,5%	94,9%	84,0%	84,2%	78,6%	H06TEAAC#50Cu06p2250
1864	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,7%	95,1%	84,3%	84,6%	79,2%	H06TEAAC#50Cu06p2500
2050	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,9%	95,4%	84,6%	85,0%	79,8%	H06TEAAC#50Cu06p2749
2200	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,6%	95,9%	95,3%	84,1%	82,9%	77,3%	H06TEAAC#50Cu06p2950

Power kW	IEC Frame	GE 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											
2237	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,6%	95,9%	95,3%	84,1%	82,9%	77,3%	H06TEAAC#50Cu06p3000
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,7%	96,1%	95,6%	84,2%	83,1%	77,6%	H06TEAAC#50Cu06p3500
2983	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,8%	96,3%	95,8%	84,2%	83,3%	78,0%	H06TEAAC#50Cu06p4000
3356	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,5%	96,1%	84,3%	83,5%	78,3%	H06TEAAC#50Cu06p4500
3400	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,9%	96,5%	96,1%	84,3%	83,5%	78,3%	H06TEAAC#50Cu06p4559
8-pole											
630	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,2%	94,4%	94,1%	79,7%	76,8%	67,7%	H06TEAAC#50Cu08p845
671	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,4%	94,2%	79,9%	77,0%	68,0%	H06TEAAC#50Cu08p900
746	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,4%	94,6%	94,4%	80,2%	77,4%	68,4%	H06TEAAC#50Cu08p1000
900	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,8%	94,7%	80,7%	78,1%	69,4%	H06TEAAC#50Cu08p1207
1000	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,5%	95,5%	84,4%	82,2%	75,3%	H06TEAAC#50Cu08p1341
1119	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,5%	95,4%	84,2%	81,7%	74,4%	H06TEAAC#50Cu08p1500
1305	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,6%	95,4%	83,9%	81,0%	73,1%	H06TEAAC#50Cu08p1750
1400	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,6%	95,4%	83,7%	80,6%	72,4%	H06TEAAC#50Cu08p1877
1500	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,0%	95,6%	85,7%	83,8%	77,5%	H06TEAAC#50Cu08p2012
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,0%	95,7%	85,4%	83,5%	77,2%	H06TEAAC#50Cu08p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,7%	85,1%	83,3%	76,9%	H06TEAAC#50Cu08p2500
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,1%	95,8%	84,6%	82,7%	76,3%	H06TEAAC#50Cu08p3000
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,2%	95,9%	84,0%	82,2%	75,6%	H06TEAAC#50Cu08p3500
2750	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,3%	96,2%	95,9%	83,8%	82,0%	75,4%	H06TEAAC#50Cu08p3688
10-pole											
400	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,5%	93,7%	93,0%	76,0%	73,4%	62,1%	H06TEAAC#50Cu10p536
447	450G	8311	AF / Sleeve	Grease / Oil self-cooled	94,5%	93,8%	93,2%	76,7%	74,5%	63,8%	H06TEAAC#50Cu10p600
522	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,0%	93,5%	77,8%	76,3%	66,5%	H06TEAAC#50Cu10p700
597	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,1%	93,8%	78,8%	78,1%	69,3%	H06TEAAC#50Cu10p800
650	450F	8312	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,3%	94,1%	79,6%	79,4%	71,2%	H06TEAAC#50Cu10p872
710	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,2%	95,1%	82,6%	80,7%	73,5%	H06TEAAC#50Cu10p952
746	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,7%	95,2%	95,2%	82,7%	80,8%	73,7%	H06TEAAC#50Cu10p1000
932	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,8%	95,3%	95,3%	82,9%	81,4%	74,9%	H06TEAAC#50Cu10p1250
1100	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,4%	95,5%	83,1%	82,0%	75,9%	H06TEAAC#50Cu10p1475
1200	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,6%	95,0%	81,7%	78,9%	70,4%	H06TEAAC#50Cu10p1609
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,6%	95,1%	81,8%	79,2%	70,9%	H06TEAAC#50Cu10p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,5%	95,7%	95,2%	81,9%	79,6%	71,8%	H06TEAAC#50Cu10p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,7%	95,3%	82,0%	80,1%	72,7%	H06TEAAC#50Cu10p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,7%	95,4%	82,1%	80,5%	73,6%	H06TEAAC#50Cu10p2500
2050	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,4%	95,8%	95,5%	82,2%	81,0%	74,5%	H06TEAAC#50Cu10p2749
12-pole											
280	450G	8311	AF / Sleeve	Grease / Oil self-cooled	93,6%	92,3%	90,8%	65,2%	58,2%	45,1%	H06TEAAC#50Cu12p375
298	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,6%	92,5%	91,0%	66,0%	59,2%	46,2%	H06TEAAC#50Cu12p400
336	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	92,7%	91,4%	67,5%	61,3%	48,5%	H06TEAAC#50Cu12p450
373	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,7%	92,9%	91,8%	69,0%	63,3%	50,7%	H06TEAAC#50Cu12p500
450	450F	8312	AF / Sleeve	Grease / Oil self-cooled	93,9%	93,3%	92,6%	72,2%	67,5%	55,4%	H06TEAAC#50Cu12p603
500	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	93,8%	75,0%	69,9%	58,7%	H06TEAAC#50Cu12p671
522	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,4%	93,9%	75,1%	70,0%	58,8%	H06TEAAC#50Cu12p700
597	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,5%	94,0%	75,3%	70,3%	59,3%	H06TEAAC#50Cu12p800
671	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,6%	94,1%	75,6%	70,7%	59,7%	H06TEAAC#50Cu12p900

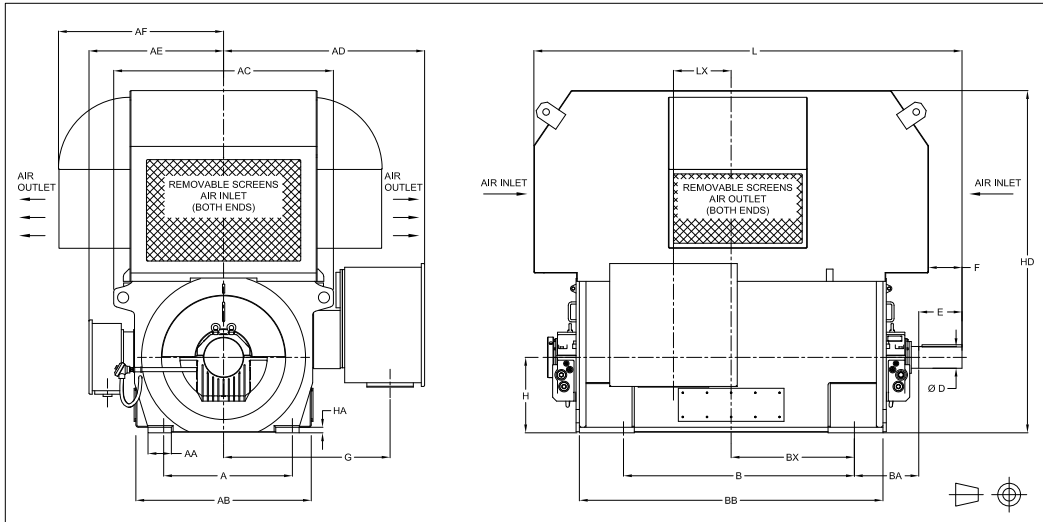
Power kW	IEC Frame	GE Frame	Bearing	Lubrication System	Efficiency 100% Load	Efficiency 75% Load	Efficiency 50% Load	PF 100% Load	PF 75% Load	PF 50% Load	Model
6.0 - 6.9 kV 50 Hz IC 611 cooling method											
746	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,7%	94,2%	75,8%	71,0%	60,2%	H06TEAAC#50Cu12p1000
800	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,8%	94,3%	76,0%	71,3%	60,5%	H06TEAAC#50Cu12p1073
900	560G	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,1%	93,5%	75,5%	69,5%	57,6%	H06TEAAC#50Cu12p1207
932	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,1%	93,5%	75,5%	69,5%	57,7%	H06TEAAC#50Cu12p1250
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,2%	93,6%	75,5%	69,7%	58,0%	H06TEAAC#50Cu12p1500
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,2%	93,7%	75,6%	69,9%	58,3%	H06TEAAC#50Cu12p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	93,8%	75,6%	70,1%	58,6%	H06TEAAC#50Cu12p2000
1600	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	93,8%	75,6%	70,2%	58,8%	H06TEAAC#50Cu12p2146



Power kW	IEC Frame	GE 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	8312	Sleeve	Oil self-cooled	95,3%	94,6%	93,7%	93,3%	92,1%	90,7%	H11TEAAC#50Cu02p1717
1400	500G	8411	Sleeve	Oil forced	95,6%	94,4%	93,2%	91,2%	89,3%	86,4%	H11TEAAC#50Cu02p1877
1491	500G	8411	Sleeve	Oil forced	95,7%	94,6%	93,3%	91,2%	89,4%	86,7%	H11TEAAC#50Cu02p2000
1678	500G	8411	Sleeve	Oil forced	95,9%	94,8%	93,7%	91,4%	89,7%	87,2%	H11TEAAC#50Cu02p2250
1864	500F	8411E	Sleeve	Oil forced	96,0%	95,0%	94,0%	91,5%	90,0%	87,8%	H11TEAAC#50Cu02p2500
2237	500F	8411E	Sleeve	Oil forced	96,3%	95,5%	94,7%	91,8%	90,6%	88,9%	H11TEAAC#50Cu02p3000
2300	500F	8411E	Sleeve	Oil forced	96,4%	95,6%	94,8%	91,9%	90,7%	89,1%	H11TEAAC#50Cu02p3084
2400	560G	8511	Sleeve	Oil forced	95,6%	93,8%	92,2%	89,0%	88,2%	84,2%	H11TEAAC#50Cu02p3218
2610	560G	8511	Sleeve	Oil forced	95,7%	94,0%	92,5%	89,1%	88,4%	84,7%	H11TEAAC#50Cu02p3500
2983	560F	8512	Sleeve	Oil forced	95,9%	94,4%	93,0%	89,2%	88,8%	85,6%	H11TEAAC#50Cu02p4000
3356	560F	8512	Sleeve	Oil forced	96,0%	94,8%	93,6%	89,3%	89,2%	86,5%	H11TEAAC#50Cu02p4500
3729	560F	8512	Sleeve	Oil forced	96,1%	95,2%	94,1%	89,4%	89,6%	87,4%	H11TEAAC#50Cu02p5000
4000	560F	8512	Sleeve	Oil forced	96,2%	95,5%	94,5%	89,5%	89,9%	88,1%	H11TEAAC#50Cu02p5364
4-pole											
900	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,0%	93,4%	92,0%	83,8%	78,8%	69,9%	H11TEAAC#50Cu04p1207
932	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,0%	93,5%	92,2%	84,0%	79,2%	70,5%	H11TEAAC#50Cu04p1250
1119	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,0%	93,0%	85,3%	81,4%	74,3%	H11TEAAC#50Cu04p1500
1305	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,6%	94,6%	93,8%	86,5%	83,7%	78,0%	H11TEAAC#50Cu04p1750
1400	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,7%	94,9%	94,3%	87,1%	84,8%	79,9%	H11TEAAC#50Cu04p1878
1600	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,1%	94,9%	94,0%	86,5%	82,6%	75,6%	H11TEAAC#50Cu04p2146
1678	500G	8411	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,0%	94,1%	86,5%	82,8%	75,9%	H11TEAAC#50Cu04p2250
1864	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,2%	94,4%	86,7%	83,1%	76,6%	H11TEAAC#50Cu04p2500
2100	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,5%	94,7%	86,9%	83,6%	77,5%	H11TEAAC#50Cu04p2816
2200	560G	8511	AF / Sleeve	Grease / Oil Forced	95,5%	94,6%	93,4%	88,4%	87,6%	83,4%	H11TEAAC#50Cu04p2950
2237	560G	8511	AF / Sleeve	Grease / Oil Forced	95,5%	94,6%	93,5%	88,4%	87,6%	83,4%	H11TEAAC#50Cu04p3000
2610	560G	8511	AF / Sleeve	Grease / Oil Forced	95,7%	94,9%	93,8%	88,5%	87,7%	83,5%	H11TEAAC#50Cu04p3500
2983	560F	8512	AF / Sleeve	Grease / Oil Forced	96,0%	95,2%	94,2%	88,6%	87,7%	83,6%	H11TEAAC#50Cu04p4000
3356	560F	8512	AF / Sleeve	Grease / Oil Forced	96,2%	95,5%	94,6%	88,6%	87,8%	83,6%	H11TEAAC#50Cu04p4500
3700	560F	8512	AF / Sleeve	Grease / Oil Forced	96,4%	95,7%	94,9%	88,7%	87,8%	83,7%	H11TEAAC#50Cu04p4962
6-pole											
533	450G	8311	AF / Sleeve	Grease / Oil self-cooled	95,0%	93,7%	92,6%	83,3%	79,9%	71,1%	H11TEAAC#50Cu06p715
597	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	93,7%	92,8%	83,0%	79,6%	70,8%	H11TEAAC#50Cu06p800
671	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,1%	93,8%	93,0%	82,6%	79,2%	70,4%	H11TEAAC#50Cu06p900
746	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,2%	94,0%	93,1%	82,3%	78,9%	70,0%	H11TEAAC#50Cu06p1000
932	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,2%	93,5%	81,4%	77,9%	69,0%	H11TEAAC#50Cu06p1250
1000	450F	8312	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,3%	93,7%	81,1%	77,6%	68,6%	H11TEAAC#50Cu06p1341
1120	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,1%	94,4%	93,5%	83,1%	82,3%	75,1%	H11TEAAC#50Cu06p1502
1305	500G	8411	AF / Sleeve	Grease / Oil self-cooled	95,3%	94,7%	93,9%	83,8%	83,3%	76,6%	H11TEAAC#50Cu06p1750
1500	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,6%	95,0%	94,4%	84,6%	84,3%	78,1%	H11TEAAC#50Cu06p2012
1600	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,0%	94,2%	83,6%	81,5%	74,5%	H11TEAAC#50Cu06p2146
1678	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,1%	94,3%	83,7%	81,6%	74,6%	H11TEAAC#50Cu06p2250
1864	560G	8511	AF / Sleeve	Grease / Oil self-cooled	96,1%	95,2%	94,5%	83,8%	81,8%	75,0%	H11TEAAC#50Cu06p2500
2237	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,2%	95,5%	94,8%	84,1%	82,2%	75,7%	H11TEAAC#50Cu06p3000
2610	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,4%	95,8%	95,2%	84,3%	82,6%	76,4%	H11TEAAC#50Cu06p3500
2850	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,5%	95,9%	95,4%	84,5%	82,9%	76,8%	H11TEAAC#50Cu06p3822

Power kW	IEC Frame	GE 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											
8-pole											
630	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,6%	94,6%	85,5%	83,3%	76,4%	H11TEAAC#50Cu08p845
671	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,6%	94,6%	85,5%	83,3%	76,4%	H11TEAAC#50Cu08p900
746	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,6%	94,7%	94,7%	85,5%	83,3%	76,4%	H11TEAAC#50Cu08p1000
932	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,8%	94,8%	85,6%	83,3%	76,3%	H11TEAAC#50Cu08p1250
1100	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	95,1%	95,0%	95,0%	85,6%	83,3%	76,3%	H11TEAAC#50Cu08p1475
1200	560G	8511	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,5%	95,1%	86,3%	85,0%	79,5%	H11TEAAC#50Cu08p1609
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,5%	95,1%	86,1%	84,7%	79,1%	H11TEAAC#50Cu08p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,8%	95,6%	95,2%	85,7%	84,2%	78,4%	H11TEAAC#50Cu08p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,6%	95,2%	85,2%	83,7%	77,7%	H11TEAAC#50Cu08p2250
1864	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,9%	95,7%	95,3%	84,8%	83,2%	76,9%	H11TEAAC#50Cu08p2500
2240	560F	8512	AF / Sleeve	Grease / Oil self-cooled	96,0%	95,8%	95,4%	84,0%	82,2%	75,5%	H11TEAAC#50Cu08p3004
10-pole											
530	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,1%	94,4%	94,1%	82,3%	79,2%	70,4%	H11TEAAC#50Cu10p711
597	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,3%	94,5%	94,2%	81,9%	78,5%	69,4%	H11TEAAC#50Cu10p800
671	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,5%	94,7%	94,3%	81,4%	77,8%	68,3%	H11TEAAC#50Cu10p900
746	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,8%	94,3%	81,0%	77,0%	67,3%	H11TEAAC#50Cu10p1000
770	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,7%	94,8%	94,3%	80,8%	76,8%	66,9%	H11TEAAC#50Cu10p1033
900	560G	8511	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,7%	93,8%	79,4%	74,6%	63,7%	H11TEAAC#50Cu10p1207
932	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,7%	93,8%	79,5%	74,8%	64,0%	H11TEAAC#50Cu10p1250
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,8%	94,1%	80,2%	76,0%	65,9%	H11TEAAC#50Cu10p1500
1305	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	95,0%	94,4%	80,8%	77,3%	67,8%	H11TEAAC#50Cu10p1750
1491	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,1%	94,6%	81,5%	78,5%	69,8%	H11TEAAC#50Cu10p2000
1678	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,2%	94,9%	82,1%	79,8%	71,7%	H11TEAAC#50Cu10p2250
1700	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	95,3%	94,9%	82,2%	79,9%	71,9%	H11TEAAC#50Cu10p2280
12-pole											
355	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,0%	93,0%	91,9%	71,2%	63,8%	51,0%	H11TEAAC#50Cu12p476
373	500G	8411	AF / Sleeve	Grease / Oil self-cooled	94,1%	93,1%	92,0%	71,5%	64,2%	51,5%	H11TEAAC#50Cu12p500
447	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,4%	93,5%	92,5%	72,8%	66,0%	53,5%	H11TEAAC#50Cu12p600
522	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,6%	93,9%	93,1%	74,1%	67,7%	55,5%	H11TEAAC#50Cu12p700
560	500F	8411E	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,1%	93,3%	74,8%	68,6%	56,5%	H11TEAAC#50Cu12p751
700	560G	8511	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,1%	93,4%	78,1%	73,1%	62,1%	H11TEAAC#50Cu12p939
746	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,8%	94,1%	93,5%	78,2%	73,3%	62,3%	H11TEAAC#50Cu12p1000
932	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,3%	93,7%	78,5%	73,9%	63,3%	H11TEAAC#50Cu12p1250
1119	560F	8512	AF / Sleeve	Grease / Oil self-cooled	94,9%	94,4%	94,0%	78,9%	74,5%	64,3%	H11TEAAC#50Cu12p1500
1250	560F	8512	AF / Sleeve	Grease / Oil self-cooled	95,0%	94,5%	94,1%	79,1%	75,0%	65,0%	H11TEAAC#50Cu12p1676

Weather Protected Type II (WP-II)



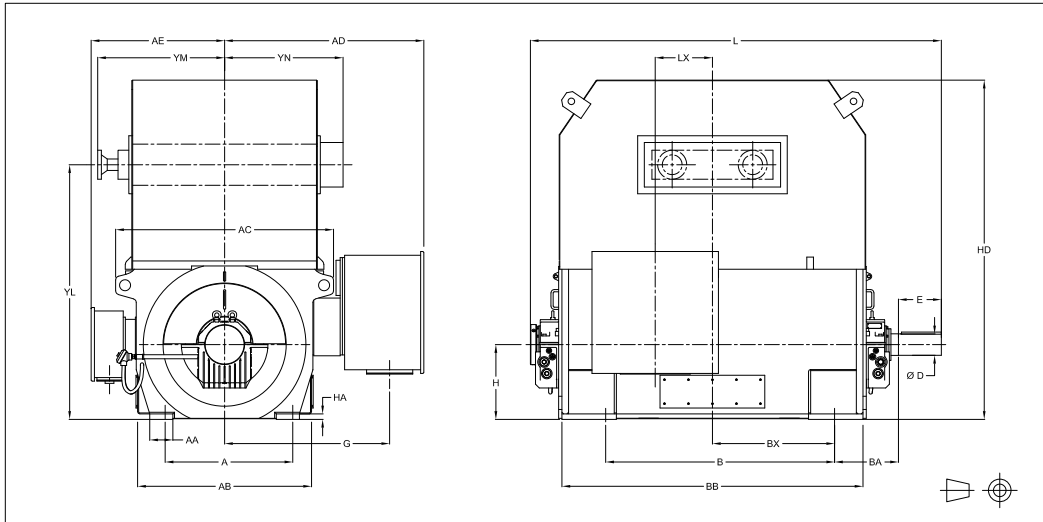
Keyway			
D	Depth	Width	Length
3,375	0,44	0,88	4,50
4,375	0,50	1,00	6,50
4,875	0,63	1,25	7,50
5,375	0,63	1,25	8,50
6,375	0,75	1,50	10,50
7,375	0,75	1,50	12,00

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						4,57	68,38			95								13					
8311SU						6,55	61,00			90								9					
8312SU						6,57	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						6,57	68,38			97								13					
8311SU						7,55	61,00			91								9					
8312SU						7,57	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						8,50	74,38			104								14					
8411S						9,32	66,38			96								10					
8411E_S						8,50	74,38			104								14					
8411SU	4 - 12	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	98	10	12,75
8411E_SU						10,50	74,38			106								14					
8511S						9,38	77,00			106								13					
8512S						6,38	82,00			116								17,5					
8511S	4	AF or Sleeve	24250	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						7,88	82,00			118								17,5					
8511SU						12,88	77,00			110								13					
8512SU						9,88	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						9,38	82,00			120								17,5					
8511SU+						14,38	77,00			110								13					
8512SU+						11,38	82,00			122								17,5					

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)



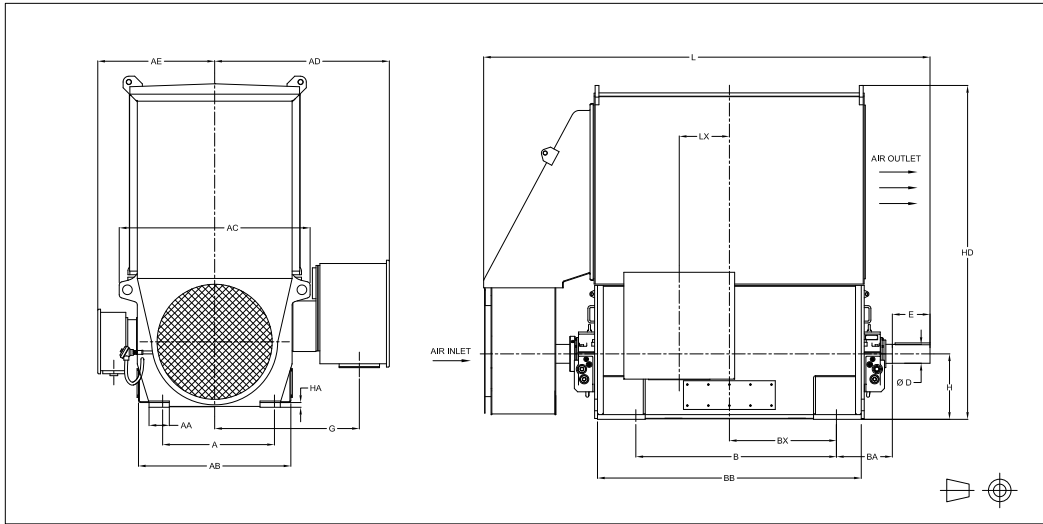
Keyway			
D	Depth	Width	Length
3,375	0,44	0,88	4,50
4,375	0,50	1,00	6,50
4,875	0,63	1,25	7,50
5,375	0,63	1,25	8,50
6,375	0,75	1,50	10,50
7,375	0,75	1,50	12,00

Frame	Poles	Bearing	Weight (lbs)	H	A	B	BX	BA	D	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E	VL	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						50	27,05									61,00									90	9
8312SU						58	30,75									68,38									97	13
8311S	4-12	AF or Sleeve	11200	17	27	50	27,05	11,5	4,375	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									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	40,56	8,00	44,00	57,50	48,00	33,37	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	40,56	8,00	44,00	57,50	48,00	33,37	66,38	1,84	76	96	10	10,75	55,6	31,7	31,5		
8411E_S						63	31,50									74,38									104	14
8411SU		Sleeve				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	43,50	7,50	52,00	63,60	50,88	36,30	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	43,50	7,50	52,00	63,60	50,88	36,30	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	43,50	7,50	52,00	63,60	50,88	36,30	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+		Sleeve				63	31,50	77,00								110									13	
8512SU+						71	35,50	82,00								122									17,5	

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)



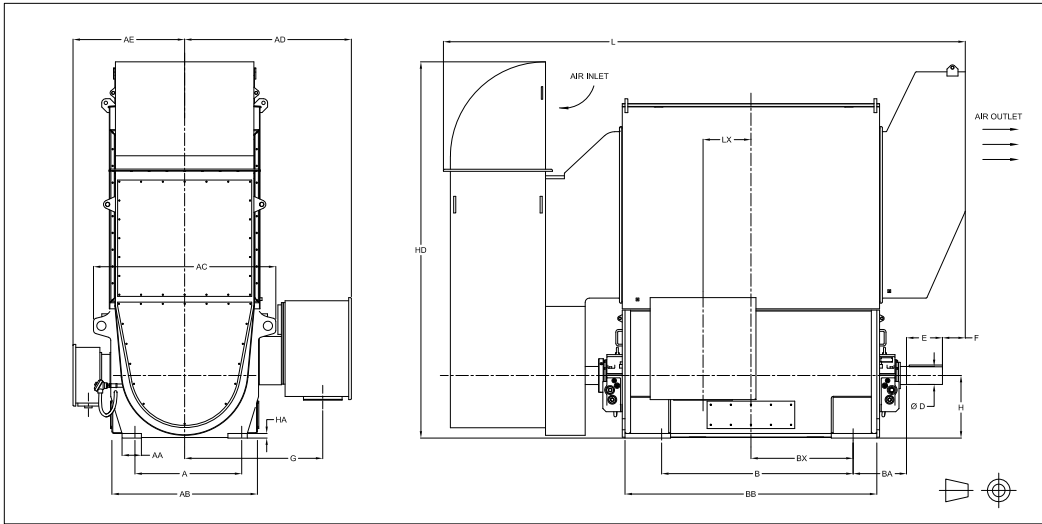
Keyway			
D	Depth	Width	Length
3,375	0,44	0,88	4,50
4,375	0,50	1,00	6,50
4,875	0,63	1,25	7,50
5,375	0,63	1,25	8,50
6,375	0,75	1,50	10,50
7,375	0,75	1,50	12,00

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	37,50	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			113	13	
8311SU						50	27,05		61,00							105			9		
8312SU						58	30,75		68,38							115			13		
8311S	4 - 12	AF or Sleeve	12020	17	27	50	27,05	11,5	4,375	37,50	5,25	34,00	49,50	44,88	30,31	61,00	1,25	86	115	9	8,75
8312S						58	30,75									68,38			122	13	
8311SU						50	27,05		61,00							116			9		
8312SU						58	30,75		68,38							123			13		
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			126	14	
8411S	4 - 12	AF or 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	123	10	10,75
8411E_S						63	31,50									74,38			133	14	
8411SU		Sleeve				56	28,00	66,38	125							10					
8411E_SU						63	31,50	74,38	135							14					
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									82,00			174	17,5	
8511SU						63	31,50	77,00	169							13					
8512SU						71	35,50	82,00	176							17,5					
8511SU	6 - 12	AF or Sleeve	26350	24	43	63	31,50	16	6,375	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			140	17,5	
8511SU+		Sleeve				63	31,50	77,00	135							13					
8512SU+						71	35,50	82,00	142							17,5					

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

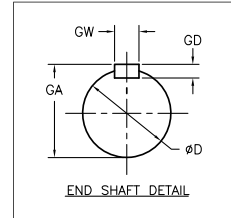
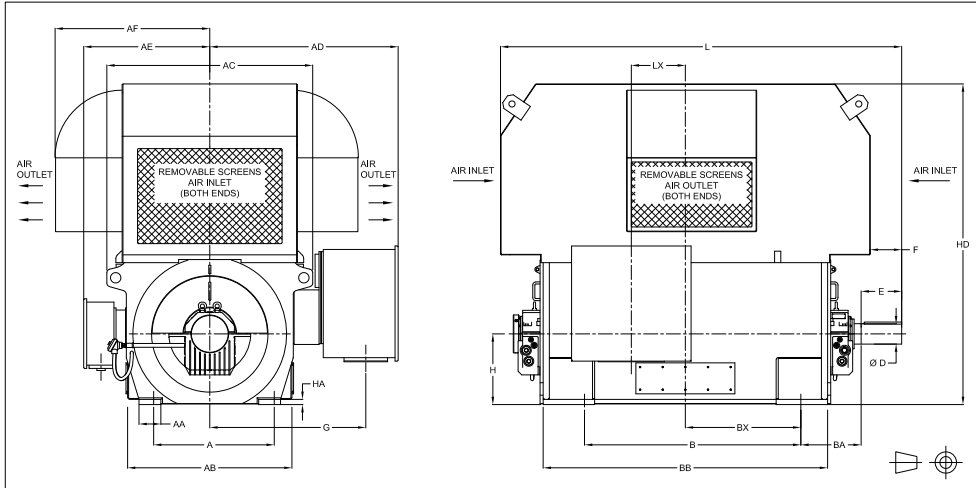
Frame	Poles	Bearing	Weight (lbs)	H	A	B	BX	BA	D	F	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E
8511S	2	Sleeve	24250	24	43	63	31,50	16	4,875	10,00	43,50	7,50	52,00	63,60	50,88	36,30	77,00	3,95	128	163	13	9,75
8512S						71	35,50			8,50							82,00			168	17,5	

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



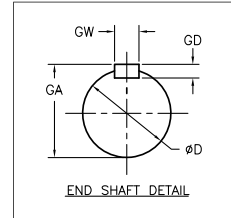
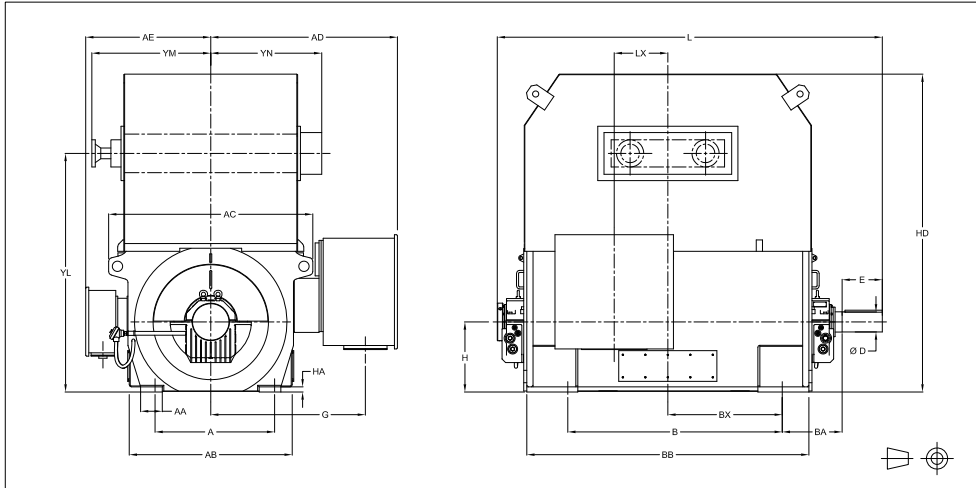
Key				
D	GW	GD	GA	Length
90	25	14	95	110
110	28	16	116	140
125	32	18	132	140
140	36	20	148	200
160	40	22	169	220
190	45	25	200	280

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	90	139	952	133	864	1257	1140	770	941	1550	50	1973	2211	229	170	
450F90						1400	784											102			1737	2448		330
450G110						1250	690											139			1550	2251		229
450F110	4 - 12	AF or Sleeve	5030	450	710	1400	784	315	110	102	952	133	864	1257	1140	770	941	1737	50	1973	2488	330	210	
450G110						1250	690											179			1550	2251		229
450F110						1400	784											142			1737	2488		330
450G125						1250	690											179			1550	2251		229
450F125	4 - 12	Sleeve	7470	500	850	1400	784	400	125	142	1030	203	1118	1462	1220	848	1027	1737	38	2184	2488	330	250	
500G140						1400	700											247			1685	2453		254
500F140						1600	800											237			1889	2663		356
500G160						1400	700											297			1685	2503		254
500F160	4 - 12	Sleeve	7470	500	850	1600	800	400	160	287	1030	203	1118	1462	1220	848	1027	1889	38	2184	2713	356	300	
560G140						1600	800											234			1956	2678		330
560F140						1800	900											156			2083	2944		445
560G140						1600	800											250			1956	2693		330
560F140	4	AF or Sleeve	11010	560	1060	1800	900	415	140	172	1105	191	1321	1615	1292	922	1351	2083	51	2872	2959	445	250	
560G160						1600	800											300			1956	2743		330
560F160						1800	900											222			2083	3009		445
560G160						1600	800											285			1956	2728		330
560F160	6 - 12	Sleeve	11010	560	1060	1800	900	400	160	207	1105	191	1321	1615	1292	922	1351	2083	51	2872	2994	445	300	
560G190						1600	800											335			1956	2778		330
560F190						1800	900											257			2083	3044		445

Dimensions above are in millimeter.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 40 to 50 mm. 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 1.5 mm may be necessary.

IP54/55 IC 81W



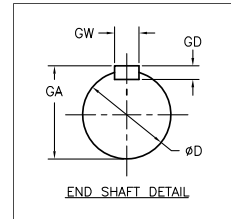
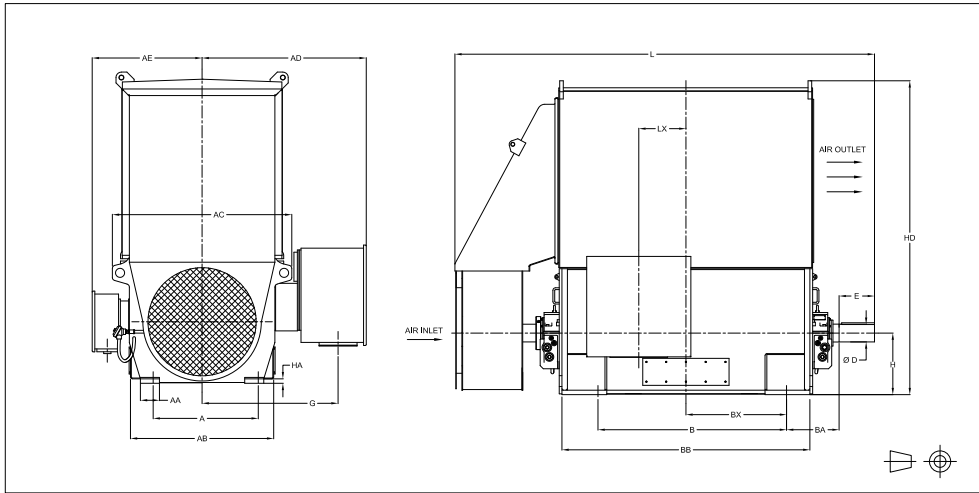
Key				
D	GW	GD	GA	Length
90	25	14	95	110
110	28	16	116	140
125	32	18	132	140
140	36	20	148	200
160	40	22	169	220
190	45	25	200	280

Frame	Poles	Bearing	Weight (kg)	H	A	B	BX	BA	D	G	AA	AB	AC	AD	AE	BB	HA	HD	L	LX	E	VL	YM	YN																			
450G90	2	Sleeve	5200	450	710	1250	690	315	90	952	133	864	1257	1140	770	1550	50	1771	2211	229	170	210	1288	737	762																		
450F90						1400	784									1737			2448	330																							
450G110						1250	690									1550			2251	229																							
450F110						1400	784									1737			2488	330																							
450G110	4-12	AF or Sleeve	5080	450	710	1250	690	315	110	952	133	864	1257	1140	770	1550	50	1771	2251	229	170	210	1288	737	762																		
450F110						1400	784									1737			2488	330																							
450G125						1250	690									1550			2251	229																							
450F125						1400	784									1737			2488	330																							
500G140	2	Sleeve	4550	500	850	1400	700	375	140	1030	203	1118	1462	1220	848	1685	38	1910	2448	254	250	1420	805	800																			
500F140						1600	800									1889			2638	356																							
500G140						1400	700									400			1685	2453																							
500F140						1600	800									1889			2663	356																							
500G160	4-12	Sleeve	7580	500	850	1400	700	375	160	1030	203	1118	1462	1220	848	1685	38	1910	2503	254	300	1420	805	800																			
500F160						1600	800									1889			2713	356																							
560G140						2	Sleeve									10750			560	1060					1600	800	400	140	1105	191	1321	1615	1292	922	1956	51	2027	2678	330	250	1553	1021	958
560F140																									1800	900									2083			2944	445				
560G140	1600	800	1956	2693	330																																						
560F140	1800	900	2083	2959	445																																						
560G160	4	AF or Sleeve	10780	560	1060	1600	800	415	160	1105	191	1321	1615	1292	922	1956	51	2027	2743	330	300	1553	1021	958																			
560F160						1800	900									2083			3009	445																							
560G160						1600	800									1956			2728	330																							
560F160						1800	900									2083			2994	445																							
560G190	6-12	Sleeve	10780	560	1060	1600	800	400	190	1105	191	1321	1615	1292	922	1956	51	2027	2778	330	350	1553	1021	958																			
560F190						1800	900									2083			3044	445																							

Dimensions above are in millimeter.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 40 to 50 mm. 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 1.5 mm may be necessary.

IP54/55 IC 611



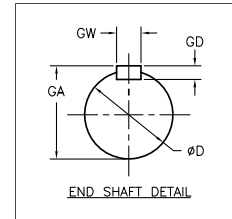
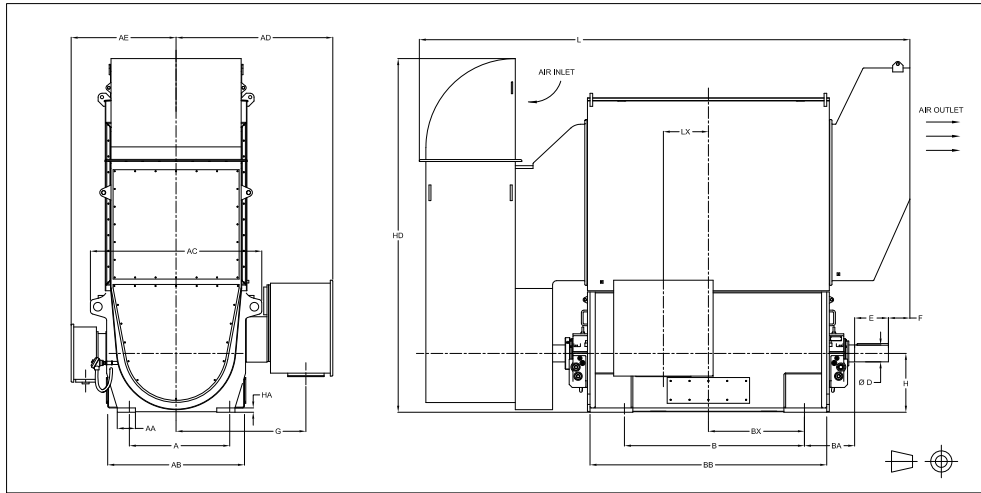
Key				
D	GW	GD	GA	Length
90	25	14	95	110
110	28	16	116	140
125	32	18	132	140
140	36	20	148	200
160	40	22	169	220
190	45	25	200	280

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						1250	690									1550			2704	229			
450F110	4 - 12	AF or Sleeve	5450	450	710	1400	784	315	110	952	133	864	1257	1140	770	1737	50	2274	2924	330	210		
450G110						1250	690									1550			2918	229			
450F110						1400	784									1737			3100	330			
450G125						1250	690									1550			2918	229			
450F125	4 - 12	Sleeve	5450	450	710	1400	784	315	125	952	133	864	1257	1140	770	1737	50	2274	3100	330	210		
450G125						1250	690									1550			2918	229			
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	300		
500F140						1600	800									1889			3394	356			
500G160		Sleeve				1400	700	400	160	1030	203	1118	1462	1220	848	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						1600	800									1956			4261	330			
560F160	6 - 12	AF or Sleeve	11950	560	1060	1800	900	400	160	1105	191	1321	1615	1292	922	2083	51	2891	4425	445	300		
560G160						1600	800									1956			3346	330			
560F160		1800				900	2083	3510	445														
560G190		Sleeve				1600	800	400	190	1105	191	1321	1615	1292	922	1615			1292	922	1956	51	2891
560F190	1800		900	2083	3560	445																	

Dimensions above are in millimeter.

Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 40 to 50 mm. 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 1.5 mm 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			4267	445	

Dimensions above are in millimeter.

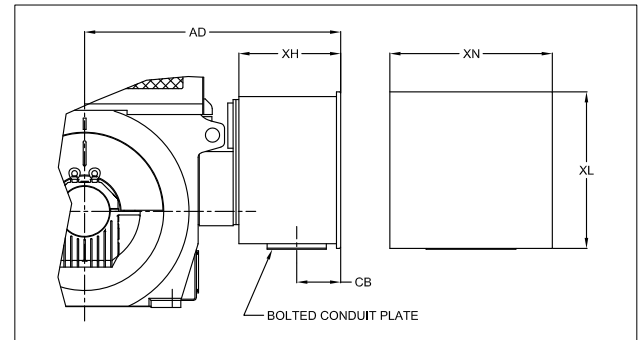


Note #1: motors with Shaft probes and/or keyphasor, BA dimension and total length (L) should increase 40 to 50 mm. Note #2: Main Terminal Box (MTB) is applicable for 4.16kV without accessories. For other voltages or MTB with accessories, refer to specific drawing. Note #3: Shaft height dimension will not be exceeded. When exact dimension is required, shims up to 1.5 mm 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 N°	Oversize Conduit Boxes Dimensions (Inches)				AD Dimensions (Inches)					
	XL	XN	XH	CB	8300	8400	8500	450	500	560
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

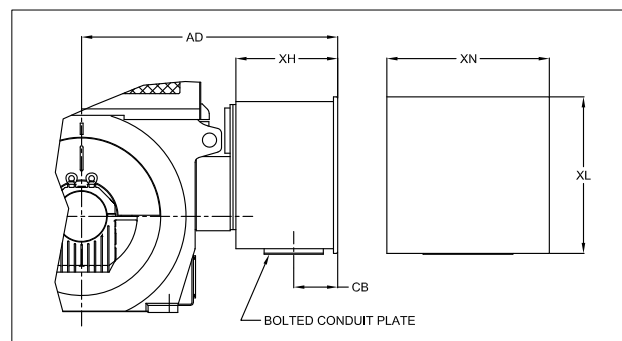
Oversize Conduit Boxes for Protective Equipment

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 N°	OverSize Conduit Boxes Dimensions (Millimeters)				AD Dimensions (Millimeters)					
	XL	XN	XH	CB	8300	8400	8500	450	500	560
#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

Global Services



Training



Spare and replacement parts



Responsive support



Field service and repairs



Contractual services



Modernizations and upgrades

Global manufacturing capability

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

Reducing risk, enhancing productivity

GE is a strong global partner, operating in 170 countries with 130 years of experience in energy infrastructure projects. Power Conversion 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 24/7 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

Contact us today to connect with our experts and provide us with the opportunity to partner with you to address needs specific to your industrial processes. You can contact our teams through the following channels.

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About GE Power Conversion

GE's Power Conversion business applies the science and systems of power conversion to help drive the electrification of the world's energy infrastructure by designing and delivering advanced motor, drive and control technologies that evolve today's industrial processes for a cleaner, more productive future. Serving specialized sectors such as energy, marine, oil and gas, renewable and industry, through customized solutions and advanced technologies, GE Power Conversion partners with customers to maximize efficiency.

About GE

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive, and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure, and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry.