

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :																						
Product line		: W22 NEMA Premium Efficiency Three-Phase		Product code : 13500657																		
Frame	: 586/7TZ		Locked rotor time	: 52s (cold) 29s (hot)																		
Output	: 400 HP (300 kW)		Temperature rise	: 80 K																		
Frequency	: 60 Hz		Duty cycle	: Cont.(S1)																		
Rated voltage	: 460 V		Ambient temperature	: -20°C to +40°C																		
Poles	: 6		Altitude	: 1000 m.a.s.l.																		
Rated current	: 489 A		Protection degree	: IP55																		
	: 6.5x(Code H)		Cooling method	: IC411 - TEFC																		
Rated speed	: 1193 rpm		Mounting	: F-1																		
Rated torque	: 243 kgfm		Rotation ¹	: Both (CW and CCW)																		
Insulation class	: F		Noise level ²	: 77.0 dB(A)																		
Service factor	: 1.15		Starting method	: Direct On Line																		
Moment of inertia (J)	: 15.5 kgm ²		Approx. weight ³	: 1866 kg																		
Output	25%	50%	75%	100%																		
Efficiency (%)	0.000	95.4	95.8	96.2																		
Power Factor	0.00	0.66	0.75	0.80																		
Foundation loads																						
Max. traction : 3232 kgf																						
Max. compression : 5098 kgf																						
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Notes																						
<p>This revision replaces and cancel the previous one, which must be eliminated.</p> <p>(1) Looking the motor from the shaft end.</p> <p>(2) Measured at 1m and with tolerance of +3dB(A).</p> <p>(3) Approximate weight subject to changes after manufacturing process.</p> <p>(4) At 100% of full load.</p>			<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.</p>																			
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Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 °C

Space heater information

Voltage: 200 - 240 V

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LOAD PERFORMANCE CURVE

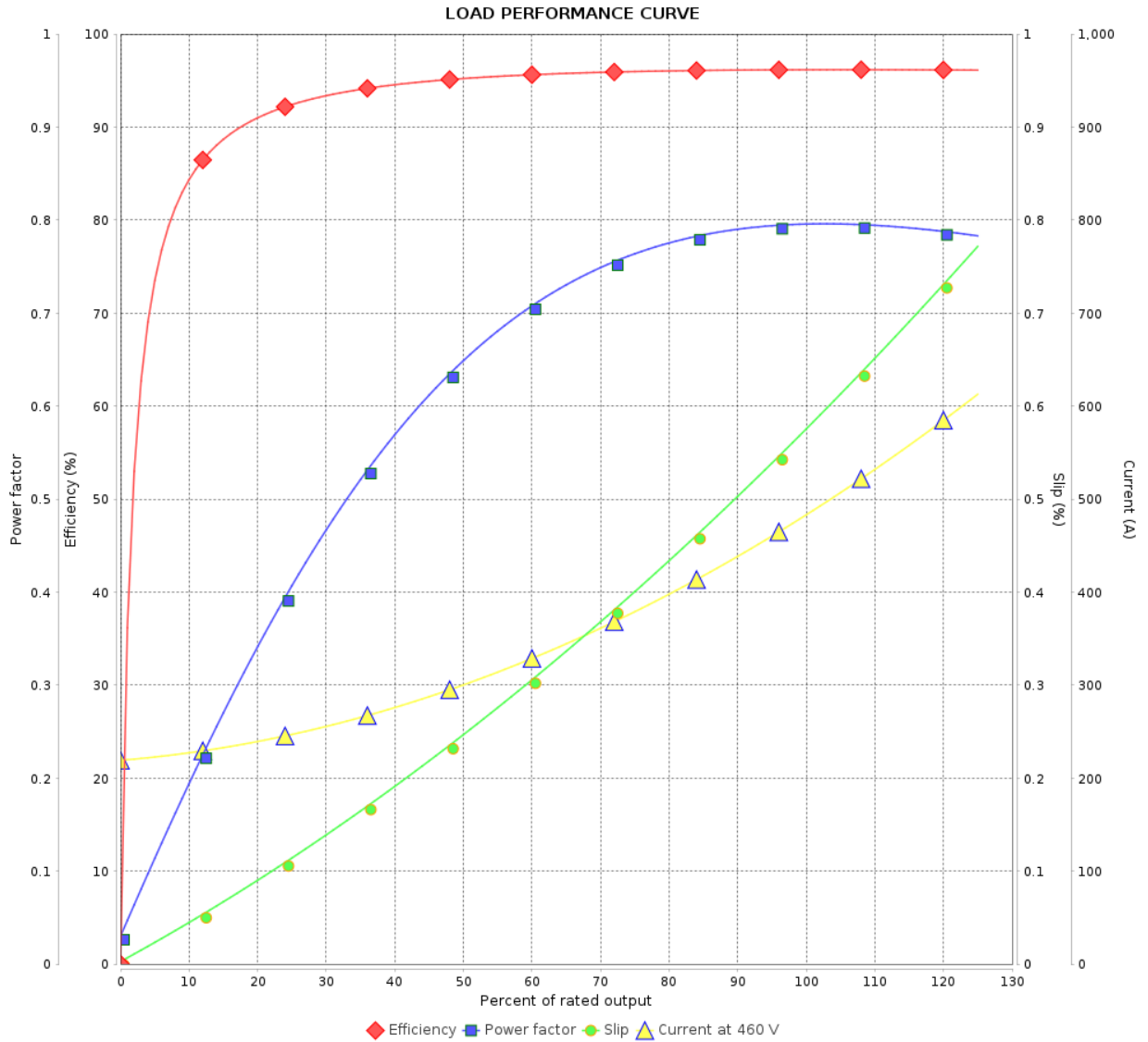
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