

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line		: W22 NEMA Premium Efficiency Three-Phase		Product code : 17759260		
Frame	: 586/7TZ		Locked rotor time	: 39s (cold) 22s (hot)		
Output	: 350 HP (260 kW)		Temperature rise	: 80 K		
Frequency	: 60 Hz		Duty cycle	: Cont.(S1)		
Rated voltage	: 575 V		Ambient temperature	: -20°C to +40°C		
Poles	: 8		Altitude	: 1000 m.a.s.l.		
Rated current	: 359 A		Protection degree	: IP55		
	: 7.9x(Code K)		Cooling method	: IC411 - TEFC		
Rated speed	: 895 rpm		Mounting	: F-1		
Rated torque	: 284 kgfm		Rotation <sup>1</sup>	: Both (CW and CCW)		
Insulation class	: F		Noise level <sup>2</sup>	: 75.0 dB(A)		
Service factor	: 1.00		Starting method	: Direct On Line		
Moment of inertia (J)	: 20.4 kgm <sup>2</sup>		Approx. weight <sup>3</sup>	: 2127 kg		
Output	25%	50%	75%	100%		
Efficiency (%)	0.000	94.5	95.8	95.8		
Power Factor	0.00	0.58	0.69	0.76		
Foundation loads						
Max. traction : 4960 kgf						
Max. compression : 7087 kgf						
		<u>Drive end</u>		<u>Non drive end</u>		
Bearing type	:	NU-324 C3		6319 C3		
Sealing	:	Taconite Labyrinth		Taconite Labyrinth		
Lubrication interval	:	12000 h		17000 h		
Lubricant amount	:	72 g		45 g		
Lubricant type	:	Mobil Polyrex EM				
Notes						
This revision replaces and cancel the previous one, which must be eliminated.						
(1) Looking the motor from the shaft end.						
(2) Measured at 1m and with tolerance of +3dB(A).						
(3) Approximate weight subject to changes after manufacturing process.						
(4) At 100% of full load.						
These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.						
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### Space heater information

Voltage: 200 - 240 V

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# LOAD PERFORMANCE CURVE

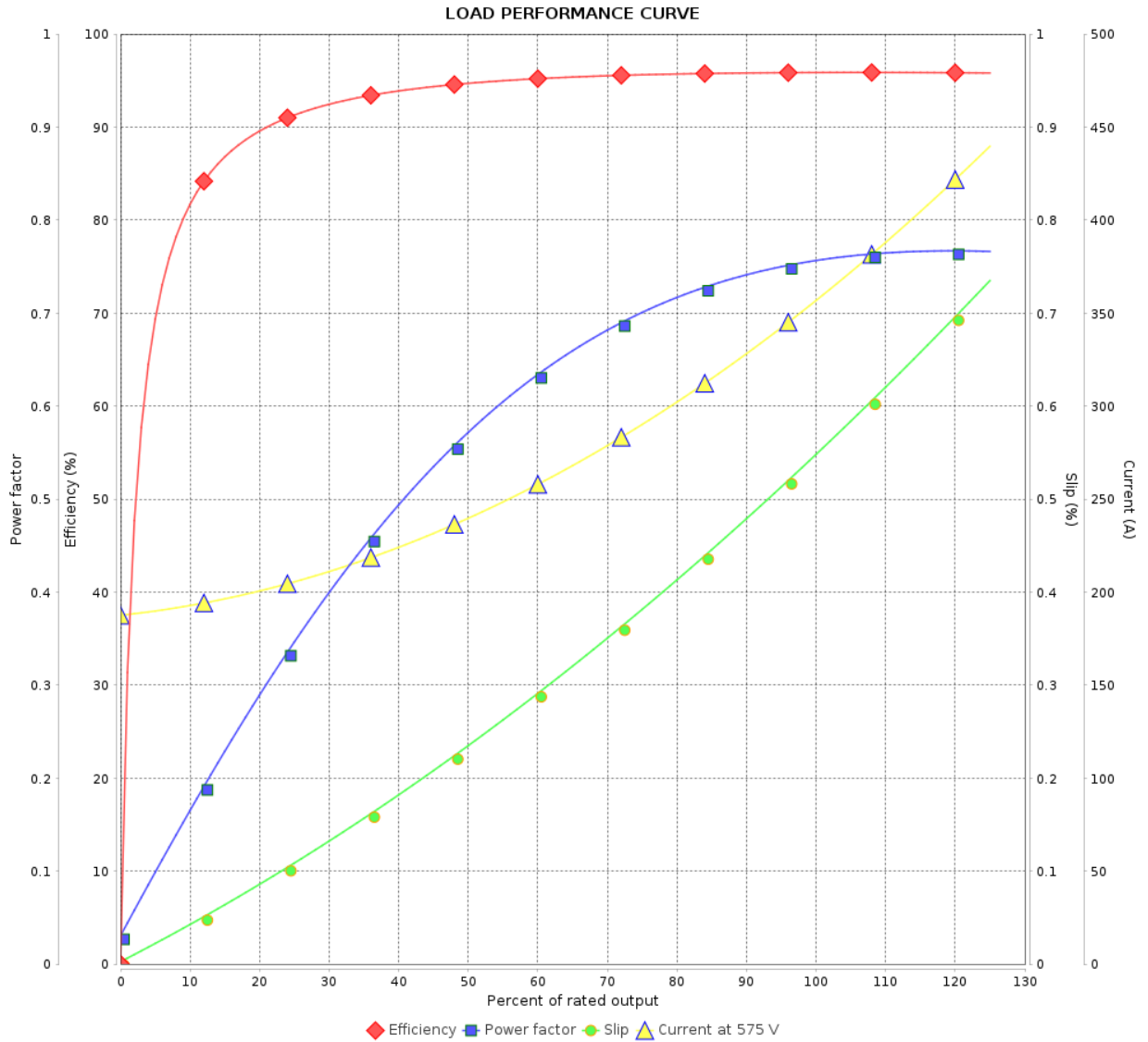
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Three-Phase

Product code : 17759260



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