

DATA SHEET

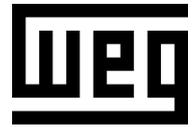


Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : W22 NEMA Premium Efficiency Three-Phase		Product code : 14046518			
Frame : 586/7T Output : 500 HP (370 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 460 V Rated current : 568 A L. R. Amperes : 3692 A LRC : 6.5x(Code G) No load current : 175 A Rated speed : 1790 rpm Slip : 0.56 % Rated torque : 203 kgfm Locked rotor torque : 220 % Breakdown torque : 229 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 10.8 kgm ² Design : B	Locked rotor time : 28s (cold) 16s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 78.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 1774 kg				
Output	25%	50%	75%	100%	Foundation loads Max. traction : 2305 kgf Max. compression : 4079 kgf
Efficiency (%)	0.000	95.8	96.2	96.2	
Power Factor	0.00	0.78	0.83	0.85	
			<u>Drive end</u>	<u>Non drive end</u>	
Bearing type	:	NU-322 C3	6319 C3		
Sealing	:	Taconite Labyrinth	Taconite Labyrinth		
Lubrication interval	:	4000 h	8000 h		
Lubricant amount	:	60 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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Customer : _____

Space heater information

Voltage: 200 - 240 V

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LOAD PERFORMANCE CURVE

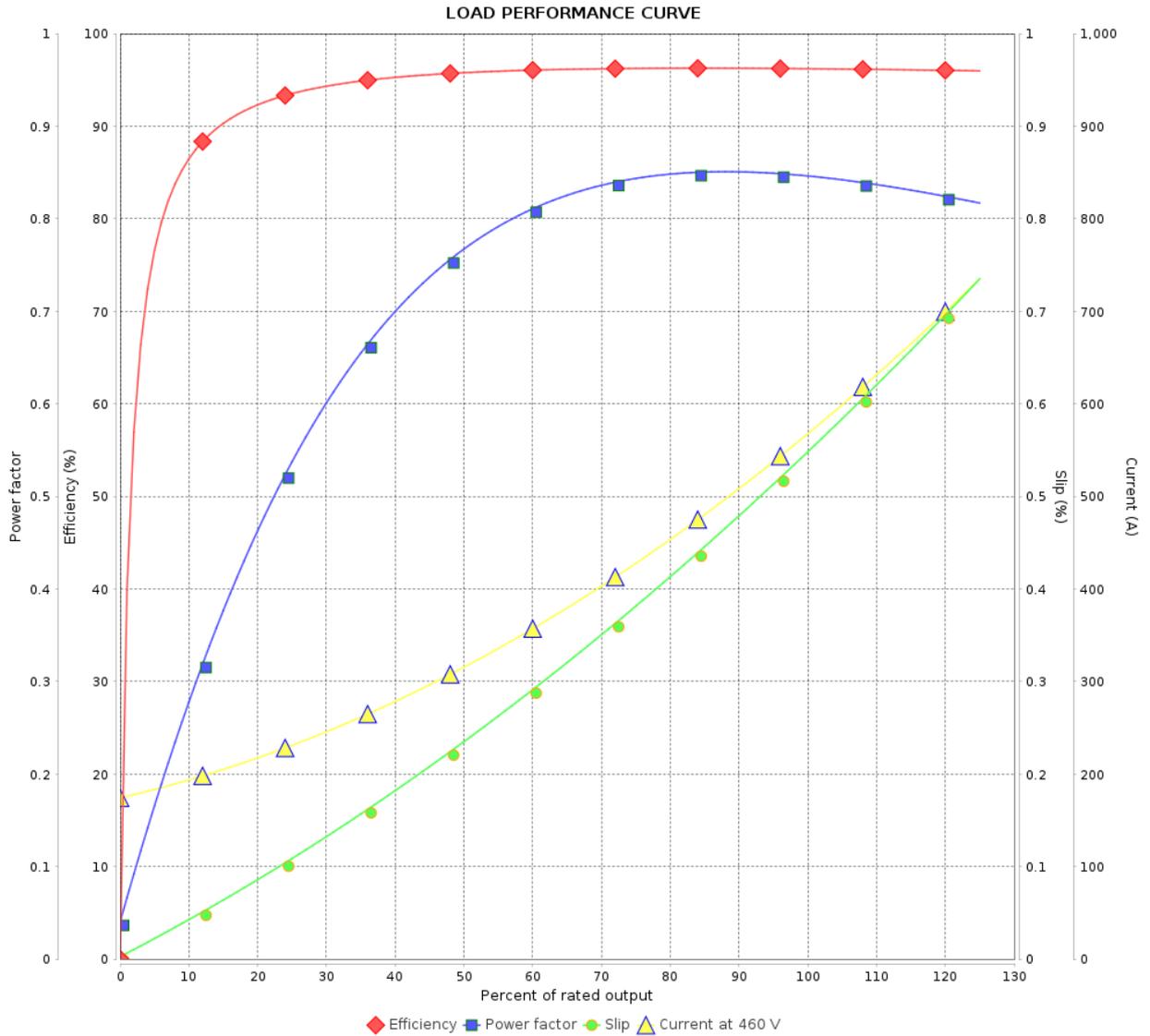
Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : W22 NEMA Premium Efficiency Three-Phase

Product code : 14046518



Performance : 460 V 60 Hz 4P

Rated current : 568 A
 LRC : 6.5
 Rated torque : 203 kgfm
 Locked rotor torque : 220 %
 Breakdown torque : 229 %
 Rated speed : 1790 rpm

Moment of inertia (J) : 10.8 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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