

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line		: W22 IEEE 841 NEMA Premium Efficiency Three-Phase		Product code :		1355560
Frame	:	586/7T		Locked rotor time	:	52s (cold) 29s (hot)
Output	:	350 HP (260 kW)		Temperature rise	:	80 K
Poles	:	6		Duty cycle	:	Cont.(S1)
Frequency	:	60 Hz		Ambient temperature	:	-20°C to +40°C
Rated voltage	:	575 V		Altitude	:	1000 m.a.s.l.
Rated current	:	337 A		Protection degree	:	IP55
L. R. Amperes	:	2021 A		Cooling method	:	IC411 - TEFC
LRC	:	6.0x(Code G)		Mounting	:	F-1
No load current	:	136 A		Rotation ¹	:	Both (CW and CCW)
Rated speed	:	1192 rpm		Noise level ²	:	77.0 dB(A)
Slip	:	0.67 %		Starting method	:	Direct On Line
Rated torque	:	213 kgfm		Approx. weight ³	:	1863 kg
Locked rotor torque	:	190 %				
Breakdown torque	:	210 %				
Insulation class	:	F				
Service factor	:	1.15				
Moment of inertia (J)	:	13.8 kgm ²				
Design	:	B				
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	95.4	95.8	95.8	Max. traction	:	2132 kgf
Power Factor	0.67	0.77	0.81	Max. compression	:	3995 kgf
Losses at normative operating points (speed;torque), in percentage of rated output power						
P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1,0)	P4 (0,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25)
5.0	3.7	3.0	3.0	2.0	1.6	0.9
Bearing type			Drive end	Non drive end		
:			NU-322 C3	6319 C3		
Sealing			Inpro/Seal	Inpro/Seal		
:			7000 h	13000 h		
Lubrication interval			60 g	45 g		
:				Mobil Polyrex EM		
Lubricant amount						
:						
Lubricant type						
:						
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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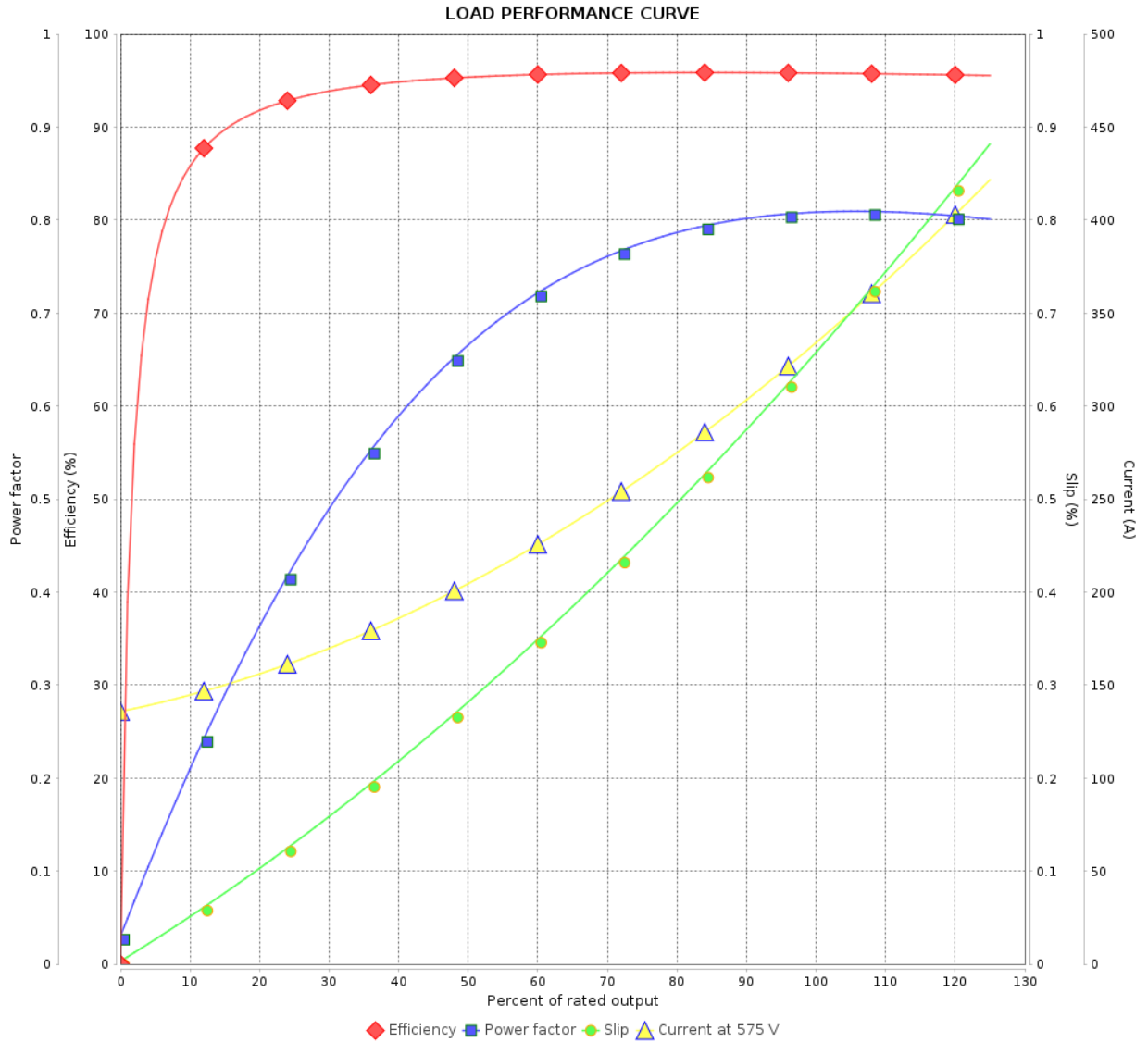
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : W22 IEEE 841 NEMA Premium Efficiency Three-Phase Product code : 1355560



Performance : 575 V 60 Hz 6P

Rated current : 337 A
 LRC : 6.0
 Rated torque : 213 kgfm
 Locked rotor torque : 190 %
 Breakdown torque : 210 %
 Rated speed : 1192 rpm

Moment of inertia (J) : 13.8 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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