DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer	:					
Product line Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor		: Compres	sor Duty Single-Ph	ase Product code :	10698252	
		: F56H : 3 HP (2.2 kW) : 2 : 60 Hz : 115/208-230 V : 29.4/16.2-14.7 A : 176/97.2-88.2 A : 6.0x(Code H) : 13.0/5.60-6.50 A : 3440 rpm : 4.44 % : 0.633 kgfm : 180 % : 190 % : B		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Starting method Approx. weight³	: 10s (cold) 6s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : Direct On Line : 19.3 kg	
Moment of inertia (J)		: 0.0028 kgm²				
Output Efficiency (%) Power Factor	50% 76.0 0.70	75% 77.0 0.80	100% 77.0 0.86	Foundation loads Max. traction Max. compression	: 29 kgf : 48 kgf	
Bearing type : Sealing : Lubrication interval : Lubricant amount : Lubricant type :		: : Wit : :	Drive end 6204 ZZ hout Bearing Seal - - Mo	Non drive end 6203 ZZ Without Bearing - - bil Polyrex EM	_	

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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LOAD PERFORMANCE CURVE

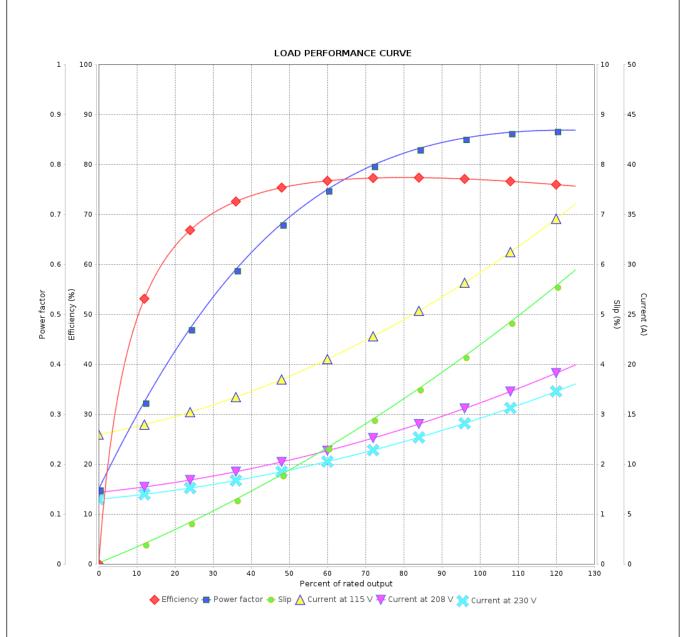
Single Phase Induction Motor - Squirrel Cage



Customer :

Performed by Checked by

Product line : Compressor Duty Single-Phase Product code : 10698252



Performance	: 115/208-230 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise		: 0.0028 kgm² : Cont.(S1) : B : : 80 K	
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