## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



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Customer	:				
Product line : Close Coupled Pump NEMA Premium Product code : 11082682 Efficiency Three-Phase					
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 Moment of inertia (J) Design		: E143/5JI : 2 HP (1.9 : 4 : 60 Hz : 575 V : 2.32 A : 19.0 A : 8.2x(Coo : 1.28 A : 1730 rpn : 3.89 % : 0.839 kg : 350 % : 330 % : F : 1.15 : 0.0067 k	5 kW) de L) n fm	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : 52.0 dB(A) : Direct On Line : 21.4 kg
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	82.5	85.5	86.5	Max. traction	: 68 kgf
Power Factor	0.58	0.70	0.78	Max. compression	: 89 kgf
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type		: Wit : Wit	Drive end 6206 ZZ hout Bearing Seal - - Mol	Non drive en 6204 ZZ Without Bearing - - - bil 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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## LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage

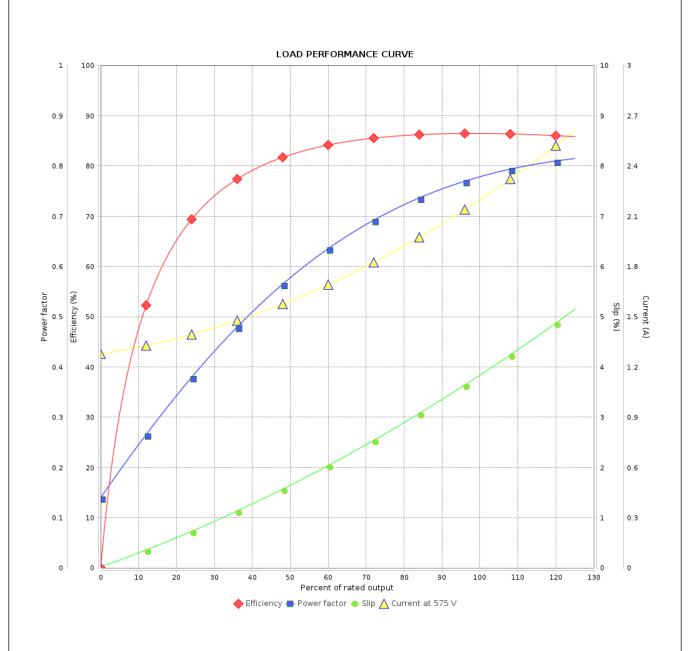


Customer :

Product line : Close Coupled Pump NEMA Premium

Efficiency Three-Phase

Product code: 11082682



Performance	: 5	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		.32 A .2 .839 kgfm 50 % 30 % 730 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.0067 kgm² : Cont.(S1) : F : 1.15 : 80 K : B	
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Date