DATA SHEET



infee Phas	se mai	iction Mot	or - Squirrei	Cage	
Customer	:				
		ose Coupled Pu ciency Three-Ph	ımp NEMA Premiu nase	m Product code :	11167986
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torqu Breakdown torqu Insulation class Service factor Moment of inertia Design	ie	: 213/5JM : 7.5 HP (5 : 4 : 60 Hz : 575 V : 7.22 A : 54.2 A : 7.5x(Cod : 3.04 A : 1765 rpm : 1.94 % : 3.08 kgfm : 200 % : 270 % : F : 1.15 : 0.0388 kg	le J) n	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 21s (cold) 12s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : 58.0 dB(A) : Direct On Line : 49.1 kg
Output	50%	75%	100%	Foundation loads	
Efficiency (%) Power Factor	89.0 0.68	90.2 0.79	91.0 0.84	Max. traction Max. compression	: 129 kgf : 178 kgf
Bearing type Sealing Lubrication interv Lubricant amoun Lubricant type Notes:		: : With : :	Drive end 6209 ZZ hout Bearing Seal - - Mo	Non drive end 6206 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

Three Phase Induction Motor - Squirrel Cage

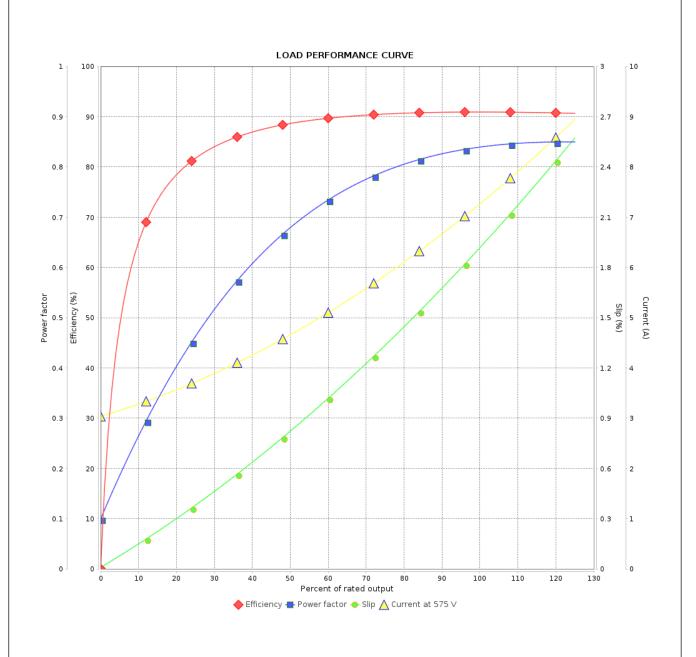


Customer

Product line : Close Coupled Pump NEMA Premium

Efficiency Three-Phase

Product code: 11167986



Performance	: 575 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 7.22 A : 7.5 : 3.08 kgfm : 200 % : 270 % : 1765 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 0.0388 kgm² : Cont.(S1) : F : 1.15 : 80 K : B	: F : 1.15 : 80 K	
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Date