

# DATA SHEET



## Single Phase Induction Motor - Squirrel Cage

Customer :					
Product line : Close Coupled Pump Single-Phase			Product code : 12724452		
			Catalog # : 00336OS1B182JP		
Frame : 182/4JP Output : 3 HP (2.2 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 23.4/12.3-11.7 A L. R. Amperes : 257/135-129 A LRC : 11.0x(Code L) No load current : 6.50/2.20-3.25 A Rated speed : 3560 rpm Slip : 1.11 % Rated torque : 4.43 ft.lb Locked rotor torque : 200 % Breakdown torque : 360 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 0.1732 sq.ft.lb			Locked rotor time : 10s (cold) 6s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP21 Cooling method : IC01 - ODP Mounting : F-1 Rotation <sup>1</sup> : CCW Starting method : Direct On Line Approx. weight <sup>3</sup> : 0.0 lb		
Output            25%       50%       75%       100% Efficiency (%)    0.000    78.0     74.0     86.0 Power Factor     0.00     0.90     0.93     0.95			Foundation loads Max. traction                                : 101 lb Max. compression                           : 101 lb		
Bearing type                                : Sealing                                        : Lubrication interval                        : Lubricant amount                            : Lubricant type                                :		<u>Drive end</u> 6207 ZZ Without Bearing Seal 0 h 0 g	<u>Non drive end</u> 6205 ZZ Without Bearing Seal 0 h 0 g		
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.		
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	26/03/2024			1 / 1	