

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :					
Product line		: Close Coupled Pump Single-Phase		Product code :	12724359
				Catalog # :	01036OS1C215JM
Frame : 213/5JM Output : 10 HP (7.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 46.0-42.0 A L. R. Amperes : 276-252 A LRC : 6.0x(Code G) No load current : 0.000-10.5 A Rated speed : 3470 rpm Slip : 3.61 % Rated torque : 14.9 ft.lb Locked rotor torque : 210 % Breakdown torque : 229 % Insulation class : F Service factor : 1.15 Moment of inertia (J)			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 ¹ : CCW Starting method : Direct On Line Approx. weight ³ : 119 lb		
Output	25%	50%	75%	100%	Foundation loads
Efficiency (%)	0.000	81.0	83.0	84.0	Max. traction : 134 lb
Power Factor	0.00	0.90	0.93	0.94	Max. compression : 253 lb
		<u>Drive end</u>		<u>Non drive end</u>	
Bearing type	:	6209 ZZ		6206 ZZ	
Sealing	:	Without Bearing Seal		Without Bearing Seal	
Lubrication interval	:	-		-	
Lubricant amount	:	-		-	
Lubricant type	:	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
Performed by					Page 1 / 1
Checked by					
Date	19/01/2018				
					Revision