

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line : Rolled Steel JP Pump High Efficiency Three-Phase		Product code : 12682661				
		Catalog # : 01036OP3H213JPV-S				
Frame : 213/5JP Output : 10 HP (7.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 575 V Rated current : 9.76 A L. R. Amperes : 62.5 A LRC : 6.4x(Code G) No load current : 4.10 A Rated speed : 3530 rpm Slip : 1.94 % Rated torque : 14.9 ft.lb Locked rotor torque : 180 % Breakdown torque : 260 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.3816 sq.ft.lb Design : B		Locked rotor time : 14s (cold) 8s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Cooling method : IC01 - ODP Mounting : W-6 Rotation ¹ : Both (CW and CCW) Noise level ² : 66.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 112 lb				
Output	25%	50%	75%	100%		
Efficiency (%)	87.3	87.5	88.5	88.5		
Power Factor	0.45	0.72	0.83	0.87		
Foundation loads						
Max. traction : 162 lb						
Max. compression : 274 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	Date
Performed by						
Checked by					Page	Revision
Date	29/03/2024				1 / 1	