

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :					
Product line : Rolled Steel Single-Phase		Product code : 15761864			
		Catalog # : 00318OS1CCDOL184T-S			
Frame : 182/4T Output : 3 HP (2.2 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 13.7-12.8 A L. R. Amperes : 95.9-89.6 A LRC : 7.0x(Code H) No load current : 4.91-5.70 A Rated speed : 1765 rpm Slip : 1.94 % Rated torque : 1.23 kgfm Locked rotor torque : 275 % Breakdown torque : 245 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.0117 kgm ² Design : L		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. Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ³ : 30.2 kg			
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	73.0	80.0	81.5	Max. traction : 48 kgf	
Power Factor	0.82	0.88	0.92	Max. compression : 78 kgf	
		<u>Drive end</u>	<u>Non drive end</u>		
Bearing type	:	6206 ZZ	6205 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	27/12/2023			1 / 1	