

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :				
Product line	: Single-Phase Start Capacitor			
Product code :	10715620			
Catalog # :	PCQ115			
Frame : L48Y Output : 1.5 HP (1.1 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 115/230 V Rated current : 17.7/8.85 A L. R. Amperes : 104/52.2 A LRC : 5.9x(Code K) No load current : 10.5/5.25 A Rated speed : 3450 rpm Slip : 4.17 % Rated torque : 0.316 kgfm Locked rotor torque : 130 % Breakdown torque : 210 % Insulation class : B Service factor : 1.10 Moment of inertia (J) : 0.0015 kgm ²	Locked rotor time : 10s (cold) 6s (hot) Temperature rise : 70 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +50°C Altitude : 1000 m.a.s.l. Protection degree : IP21 Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : CCW Noise level ² : 58.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 12.9 kg			
Output	25% 50% 75% 100%			
Efficiency (%)	63.5 64.5 69.0 69.6			
Power Factor	0.35 0.61 0.72 0.79			
Foundation loads				
Max. traction				
Max. compression				
Bearing type	: <u>Drive end</u> 6203 2RS <u>Non drive end</u> 6203 2RS			
Sealing	: Lip Seal Lip 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	28/06/2022		1 / 1	