

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line : W22 Three-Phase		Product code : 12686363 Catalog # : 01012ES3EOW256T-W22			
Frame : 254/6T Output : 10 HP (7.5 kW) Poles : 6 Frequency : 60 Hz Rated voltage : 208-230/460 V Rated current : 28.1-25.4/12.7 A L. R. Amperes : 171-155/77.5 A LRC : 6.1x(Code G) No load current : 8.40-7.60/3.80 A Rated speed : 1105 rpm Slip : 7.92 % Rated torque : 46.9 ft.lb Locked rotor torque : 320 % Breakdown torque : 0 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 4.37 sq.ft.lb Design : D		Locked rotor time : 28s (cold) 16s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-2 Rotation ¹ : Both (CW and CCW) Noise level ² : 59.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 0.0 lb			
Output	50%	75%	100%	Foundation loads Max. traction : 0 lb Max. compression : 0 lb	
Efficiency (%)	82.5	84.0	82.5		
Power Factor	0.80	0.88	0.90		
		<u>Drive end</u> Bearing type : 6309 C3 Sealing : V'Ring Lubrication interval : 20000 h Lubricant amount : 13 g Lubricant type : Mobil Polyrex EM	<u>Non drive end</u> 6209 C3 V'Ring 20000 h 9 g		
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					
Date	19/01/2018			Page 1 / 1	Revision