

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :																							
Product line	: W40 NEMA Premium Efficiency Three-Phase		Product code :	14496993																			
				Catalog # : 04036OT3V286TS-W40																			
<p>Frame : 284/6TS Output : 40 HP (30 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 200/400 V Rated current : 108/53.9 A L. R. Amperes : 700/350 A LRC : 6.5x(Code G) No load current : 35.4/17.7 A Rated speed : 3540 rpm Slip : 1.67 % Rated torque : 59.3 ft.lb Locked rotor torque : 190 % Breakdown torque : 240 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 2.02 sq.ft.lb Design : B</p>																							
<p>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. Protection degree : IP23 Cooling method : IC01 - ODP Mounting : F-1 Rotation¹ : Both (CW and CCW) Noise level² : 73.0 dB(A) Starting method : Direct On Line Approx. weight³ : 390 lb</p>																							
Output	25%	50%	75%	100%																			
Efficiency (%)	91.5	91.7	92.4	92.4																			
Power Factor	0.51	0.76	0.84	0.87																			
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<p>This revision replaces and cancel the previous one, which must be eliminated.</p> <p>(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.</p>																							
Rev.	Changes Summary			Performed																			
				Checked																			
Performed by				Page																			
Checked by				Revision																			
Date	29/03/2024			1 / 1																			