

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : General Single-Phase			Product code : 10016488																			
			Catalog # : 005180S1CCD184T																			
Frame	: 184T		Locked rotor time	: 10s (cold) 6s (hot)																		
Output	: 5 HP (3.7 kW)		Temperature rise	: 80 K																		
Frequency	: 60 Hz		Duty cycle	: Cont.(S1)																		
Rated voltage	: 208-230 V		Ambient temperature	: -20°C to +40°C																		
Poles	: 4		Altitude	: 1000 m.a.s.l.																		
Rated current	: 23.0-20.7 A		Protection degree	: IP22																		
	: 6.6x(Code G)		Cooling method	: IC01 - ODP																		
Rated speed	: 1750 rpm		Mounting	: F-1																		
Rated torque	: 15.0 ft.lb		Rotation ¹	: Both (CW and CCW)																		
Insulation class	: F		Starting method	: Direct On Line																		
Service factor	: 1.25		Approx. weight ²	: 95.8 lb																		
Moment of inertia (J)	: 0.4983 sq.ft.lb																					
Output	25%	50%	75%	100%																		
Efficiency (%)	71.6	74.0	80.0	82.5																		
Power Factor	0.67	0.90	0.92	0.94																		
			Foundation loads																			
			Max. traction : 163 lb																			
			Max. compression : 259 lb																			
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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.</p> <p>(2) Measured at 1m and with tolerance of +3dB(A).</p> <p>(3) Approximate weight subject to changes after manufacturing process.</p> <p>(4) At 100% of full load.</p>			<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.</p>																			
Rev.	Changes Summary		Performed	Checked																		
Performed by			Page	Revision																		
Checked by																						
Date	04/03/2026																					
			1 / 1																			