

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : ODP High Efficiency Three-Phase		Product code : 12308178		Catalog # : 07536OP3VFP364TS	
Frame : 364/5TS	Output : 75 HP (55 kW)	Poles : 2	Frequency : 60 Hz	Rated voltage : 200/400 V	
Rated current : 194/96.9 A	L. R. Amperes : 1222/611 A	LRC : 6.3x(Code G)	No load current : 64.4/32.2 A	Rated speed : 3555 rpm	
Slip : 1.25 %	Rated torque : 111 ft.lb	Locked rotor torque : 180 %	Breakdown torque : 270 %	Insulation class : F	
Service factor : 1.15	Moment of inertia (J) : 6.81 sq.ft.lb	Design : B	Locked rotor time : 27s (cold) 15s (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	
			Rotation <sup>1</sup> : Both (CW and CCW)	Noise level <sup>2</sup> : 80.0 dB(A)	
			Starting method : Direct On Line	Approx. weight <sup>3</sup> : 740 lb	
Output	25%	50%	75%	100%	
Efficiency (%)	92.3	92.4	93.0	93.0	
Power Factor	0.53	0.80	0.86	0.88	
Foundation loads					
Max. traction : 655 lb					
Max. compression : 1395 lb					
		<u>Drive end</u>		<u>Non drive end</u>	
Bearing type :		6314 C3		6314 C3	
Sealing :		Without Bearing Seal		Without Bearing Seal	
Lubrication interval :		14418 h		14418 h	
Lubricant amount :		27 g		27 g	
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
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Checked by				Page	Revision
Date	26/03/2024			1 / 1	