

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : Rolled Steel Premium Efficiency Three-Phase		Product code : 12759193			
		Catalog # : .7518OT3E56-S			
Frame : 56	Output : 0.75 HP (0.55 kW)	Locked rotor time : 37s (cold) 21s (hot)	Temperature rise : 80 K		
Poles : 4	Frequency : 60 Hz	Duty cycle : Cont.(S1)	Ambient temperature : -20°C to +40°C		
Rated voltage : 208-230/460 V	Rated current : 2.54-2.30/1.15 A	Altitude : 1000 m.a.s.l.	Cooling method : IC01 - ODP		
L. R. Amperes : 18.5-16.8/8.40 A	LRC : 7.3x(Code K)	Mounting : F-1	Rotation ¹ : Both (CW and CCW)		
No load current : 1.38-1.60/0.800 A	Rated speed : 1760 rpm	Noise level ² : 52.0 dB(A)	Starting method : Direct On Line		
Rated torque : 2.24 ft.lb	Slip : 2.22 %	Approx. weight ³ : 23.3 lb			
Locked rotor torque : 250 %	Breakdown torque : 300 %				
Insulation class : F	Service factor : 1.25				
Moment of inertia (J) : 0.0712 sq.ft.lb					
Output	25%	50%	75%	100%	
Efficiency (%)	71.6	74.0	78.5	81.1	
Power Factor	0.29	0.52	0.65	0.74	
Foundation loads					
Max. traction : 65 lb					
Max. compression : 88 lb					
		<u>Drive end</u>	<u>Non drive end</u>		
Bearing type :		6203 ZZ	6202 ZZ		
Sealing :		Without Bearing Seal	Without Bearing Seal		
Lubrication interval :		-	-		
Lubricant amount :		-	-		
Lubricant type :		Mobil Polyrex EM			
Notes					
USABLE @208V SF 1.00					
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	11/10/2023			1 / 1	

**NEMA**
Premium

3PT9

US LISTED



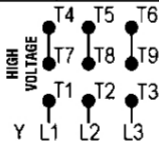
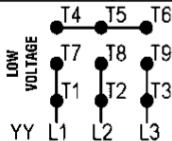
MADE IN MEXICO

MAT: 12759193

W01.T00IC0X0X

MODEL .75180T3E56-S

PH 3	Hz 60	HP 0.75
FR 56		kW 0.55
DUTY CONT.		V 230/460
ALT 1000 m.a.s.l		A 2.30/1.15
INS CL F ΔT 80K		SFA 2.88/1.44
AMB 40°C	DES -	SF 1.25
ENCL ODP	CODE K	PF 0.74
		RPM 1760
		AVG. F.L. EFF. 81.1%
ALTERNATE RATING: 0.75HP 50Hz 190-220/380-415V SF1.25		
2.82-2.43/1.31-1.29A 1445RPM EFF 78.8% (IE2) IEC 60034-1		
Inverter duty motor For 60Hz use on VPWM 1000:1 VT, 5:1 CT		
DE 6203-ZZ	ODE 6202-ZZ	MOBIL POLYREX EM



T1-BLU T2-WHT
 T3-ORG T4-YEL
 T5-BLK T6-GRY
 T7-PNK T8-RED
 T9-RED BRK

INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION

WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.



AVERTISSEMENT: Le moteur doit être mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Déconnectez l'alimentation avant l'entretien de la machine.

