

PRODUCT INFORMATION PACKET



Model No: 184TTWD14003

Catalog No: N158

General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
184JM Frame, TEFC

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Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3510 & 2920 rpm	Service Factor	1.15 & 1.15
Frame	184JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12/6 & 8.6/4.3 A	Power Factor	89
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6207
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

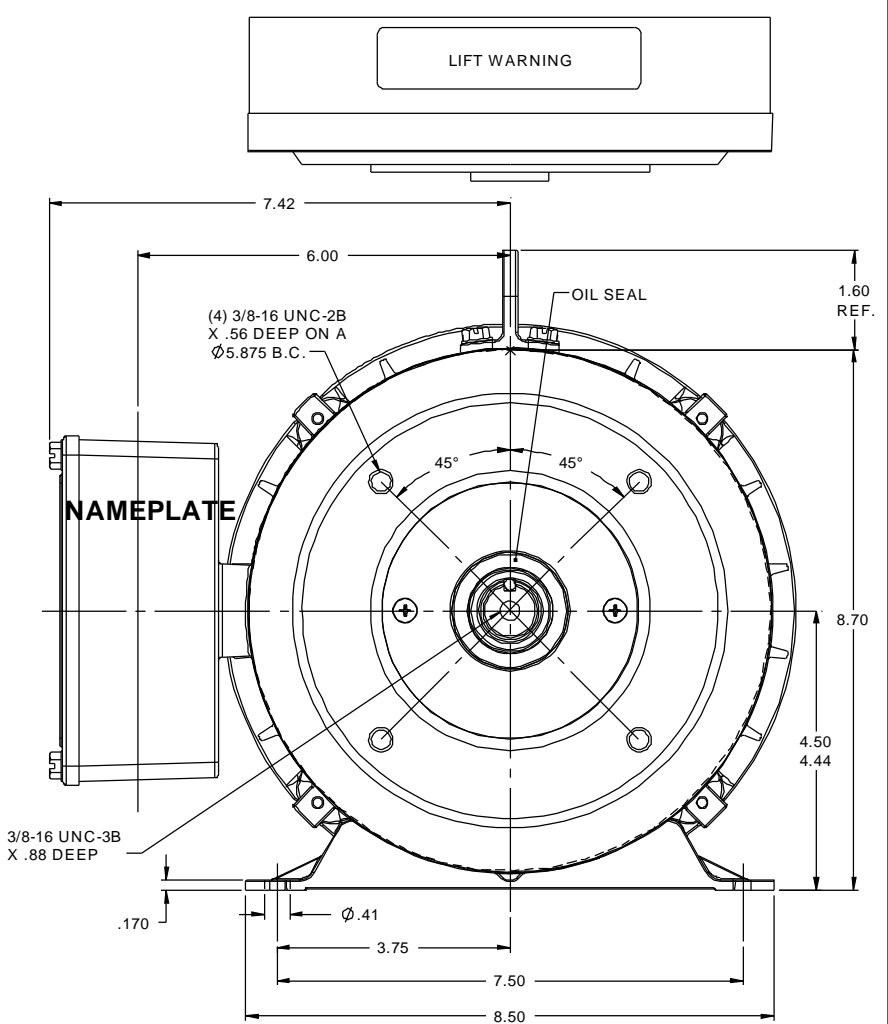
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.5 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	JM	Overall Length	16.20 in
Frame Length	9.00 in	Shaft Diameter	1.000 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 3:1		
Connection Drawing	005010.01ME	Outline Drawing	035484ME-900

Technical drawing of a 1.50 S.S. Keyway Adapter. The drawing includes three views: a front view, a side view, and a bottom view. Key dimensions and features are labeled:

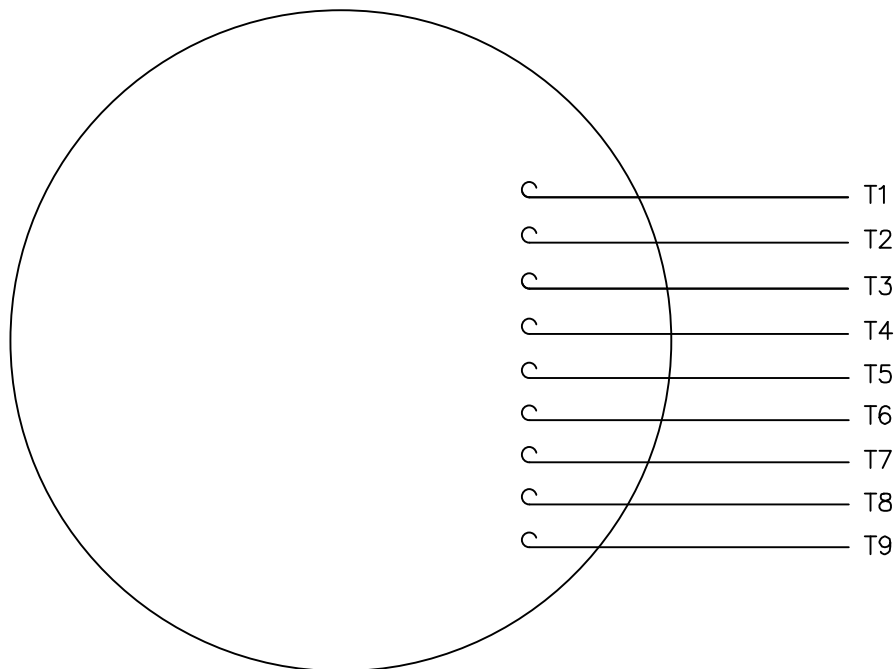
- Front View:**
 - Overall width: $\text{"C"} \pm .06$
 - Top mounting bracket width: "AD"
 - Top mounting bracket hole diameter: $\phi 8.39$
 - Top mounting bracket hole offset: $\phi 9.22$
 - Bottom mounting bracket width: 4.50
 - Bottom mounting bracket hole diameter: $\phi 1.250$ / 1.248
 - Bottom mounting bracket hole offset: $\phi .8745$ / $.8740$
 - Bottom mounting bracket hole depth: 1.65 FULL DEPTH
 - Bottom mounting bracket hole offset: 1.375
 - Bottom mounting bracket hole diameter: $\phi 1.0000$ / $.9995$
 - Bottom mounting bracket hole offset: 4.500 / 4.497
 - Bottom mounting bracket hole depth: $.19$ SQ. X 1.50 S.S. KEY
- Side View:**
 - Overall height: 4.25
 - Top mounting bracket height: $.12$
 - Top mounting bracket offset: $.51$
 - Top mounting bracket width: 3.625
- Bottom View:**
 - Overall width: 6.50
 - Overall height: 5.50
 - Bottom mounting bracket width: $3.50 \pm .09$

SPECIAL FEATURES:

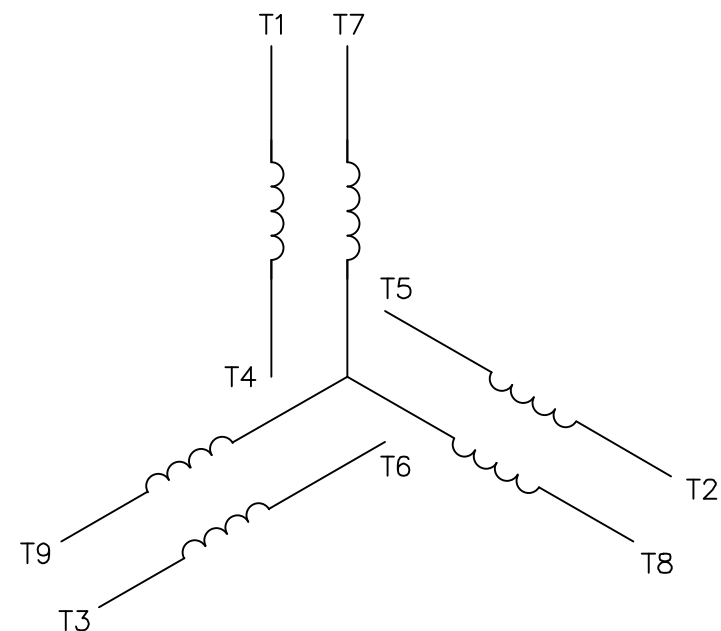
- DOUBLE LIP OIL SEAL BOTH ENDS
- GASKET THROUGHOUT
- CONING SEALED END BELL & THRU BOLTS




VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED			DRAWN RDW 04/12/02		
				DEC.	INCHES		CHK		
				.X	±.1		APPD		
				.XX	±.01		SCALE 1=1		
				.XXX	±.005		REF FIG.2-51		
				.XXXX	±.0005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	MAT'L. DECAL - 004014		PREV	
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