

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 182TTFW4345

Catalog No: C383A

XRI® General Purpose General Purpose Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 182TC Frame, TEFC



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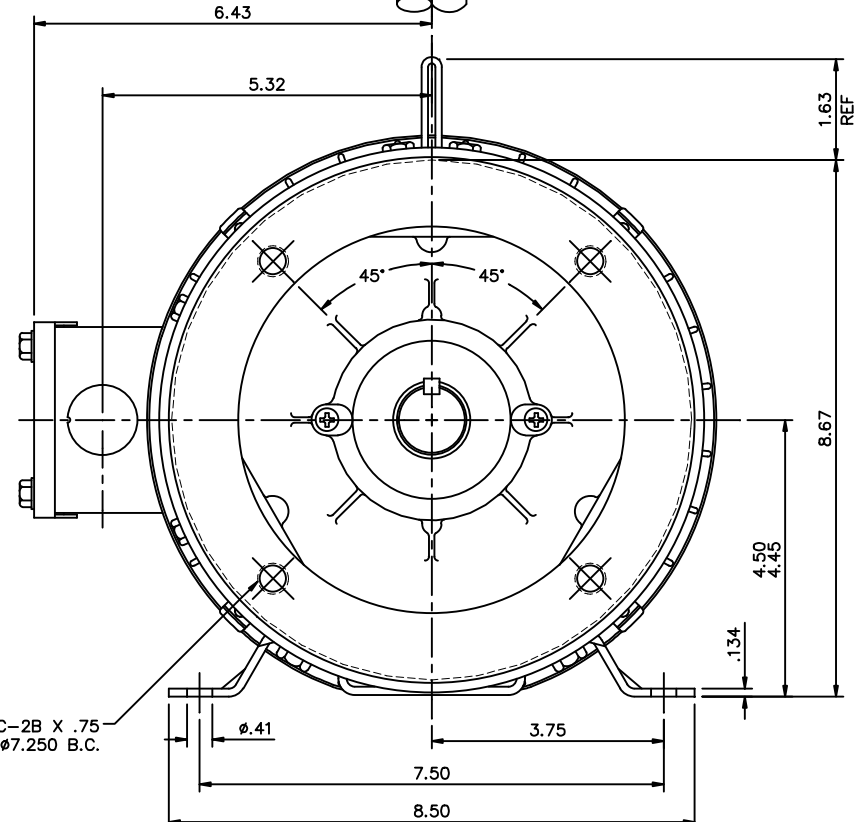
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	575 V
Speed	1765 rpm	Service Factor	1.15
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	3.4 A	Power Factor	76.4
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Bolt-on Base	Motor Orientation	Shaft Down
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	15.50 in	Frame Length	7.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	035548-750	Connection Drawing	005010.01ME



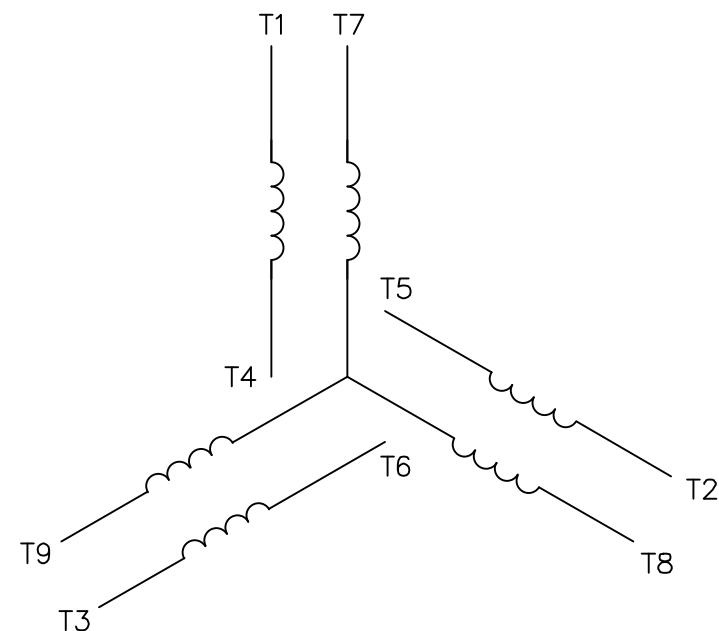
DASH NO.	"C"	"AD"
850	13.97	4.37
900	14.47	4.87
950	14.97	5.37
1000	15.47	5.87
1050	15.97	6.37
1100	16.47	6.87
1150	16.97	7.37

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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	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005			REF FIG.2-51		
				.XXXX	±.0005			FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PREV		
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