

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 182TTFW4076

Catalog No: E1982

Other Purpose Motor, 1.50 & 1 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM,
182T Frame, TEFC

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RegalRexnord

Nameplate Specifications

Phase	3	Output HP	1.50 & 1 Hp
Output KW	1.1 & 0.75 kW	Voltage	230/460 & 190/380 V
Speed	1170 & 982 rpm	Service Factor	1.15 & 1.15
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	85.5 & 83.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	5.4/2.7 & 4.9/2.45 A	Power Factor	60.8
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6206	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	6	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	13.46 in	Frame Length	8.00 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	035542-800	Connection Drawing	005010.01ME

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV
			RFP	04/12/02	CAD FILE 00501001ME	SIZE A
				DIST		DRAWING NO. 005010-01ME
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TITLE EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR
MAT'L. DECAL - 004014