

# PRODUCT INFORMATION PACKET



Model No: 182TTDW4076

Catalog No: E1729

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

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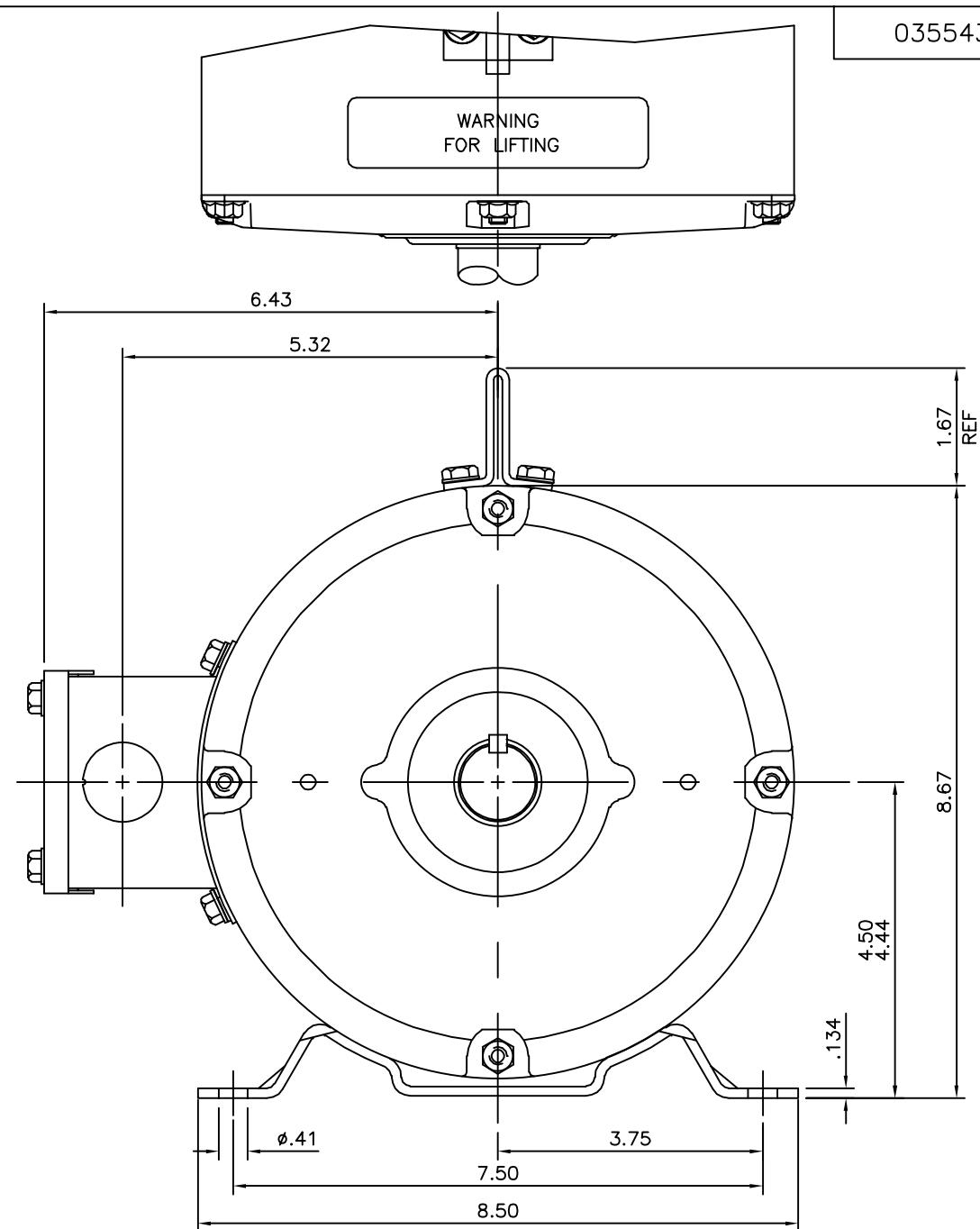


### Nameplate Specifications

Phase	3	Output HP	1.50 & 1 Hp
Output KW	1.1 & 0.75 kW	Voltage	230/460 & 190/380 V
Speed	1175 & 985 rpm	Service Factor	1.15 & 1.15
Frame	182T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	84 & 82.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	5.6/2.8 & 5.2/2.6 A	Power Factor	60
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	22
Number of Speeds	1		


### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	9.1 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	12.69 in
Frame Length	8.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 Only
Outline Drawing	035543-850	Connection Drawing	005010.01ME



DASH NO.	"C"	"AD"
850	12.69	5.25
900	13.19	5.75
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25
1200	16.19	8.75

GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED				DRAWN		YS 03/14/08	
				DEC.	INCHES			CHK		YS 08/08/07	
				.X	±.1	TITLE OUTLINE – 180T FRAME DRIP PROOF – RIGID		APPD			
				.XX	±.03			SCALE		1=2	
				.XXX	±.005			REF		035534	
01	WHEN REQ'D NOTE ADDED		PVR 06/16/15	GR	.XXXX	±.0005	MAT'L.		FMF		
NO.	REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT				RFP		CAD FILE		035543	SIZE	DRAWING NO.	REV.
				DIST NLV				B	035543	01	

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		 <b>MARATHON ELECTRIC</b>		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		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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			DIST							