

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 182TTDW4135

Catalog No: E148A

Close-Coupled Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
182JMV Frame, DP

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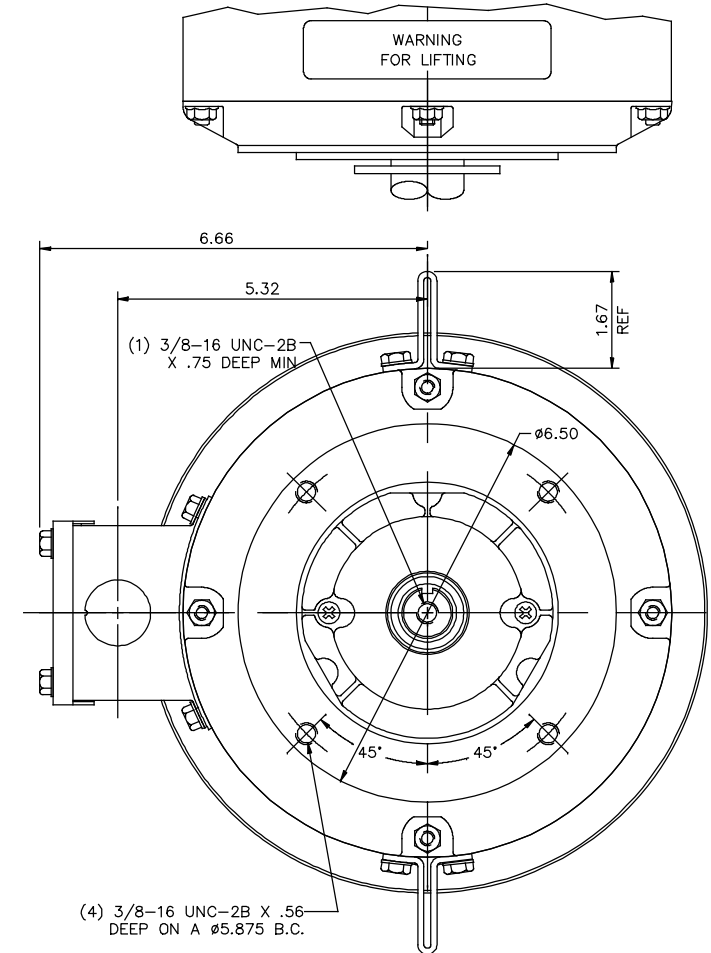
Regal Rexnord

Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	1765 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	182JMV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	86.5 & 87 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.8/4.4 & 7.8/3.9 A	Power Factor	73.8
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	22
Number of Speeds	1		

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	4.85 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	14.95 in
Frame Length	9.00 in	Shaft Diameter	0.875 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01ME	Outline Drawing	035547-900



GASKETS THROUGHOUT

DASH NO.	"C"	"AG"	"AD"
850	14.45	10.20	8.13
900	14.95	10.70	8.63
950	15.45	11.20	9.13
1000	15.95	11.70	9.63
1050	16.45	12.20	10.13
1100	16.95	12.70	10.63
1150	17.45	13.20	11.13

MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.		DRAWN WV 18/08/07	
05	UPDATED PER ECR-0141965	MVG 10/09/17	SR	DEC.	INCHES			CHK	
04	UPDATED REGAL LOGO	SS 05/17/16		X	±.1			APPD YS 18/08/07	
03	"C," "AG" & "AD" DIM. UPDATED ON DASH #TABLE	PVR 11/21/12	JD	XX	±.03	TITLE OUTLINE- 180JM FRAME DRIP PROOF- "C" FACE- JM PUMP		SCALE 1=2	
02	KEY WAS .19 SQ x 1.75	JD 7/15/2011		XXX	±.005			REF 035486	
01	ADD UL DECAL PER ISAAC 11-1098	LST 3/9/11		XXXX	±.0005	MAT'L		FMF 1841TDW4135	
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	035547	REV.
						DIST	SIZE B		DRAWING NO. 035547
									05


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		 MARATHON ELECTRIC		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	MAT'L. DECAL — 004014		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2*	FINISH		PREV		
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			DIST				A	005010—01ME		