

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 184TTFW8915

Catalog No: M416A

Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
184JM Frame, TEFC

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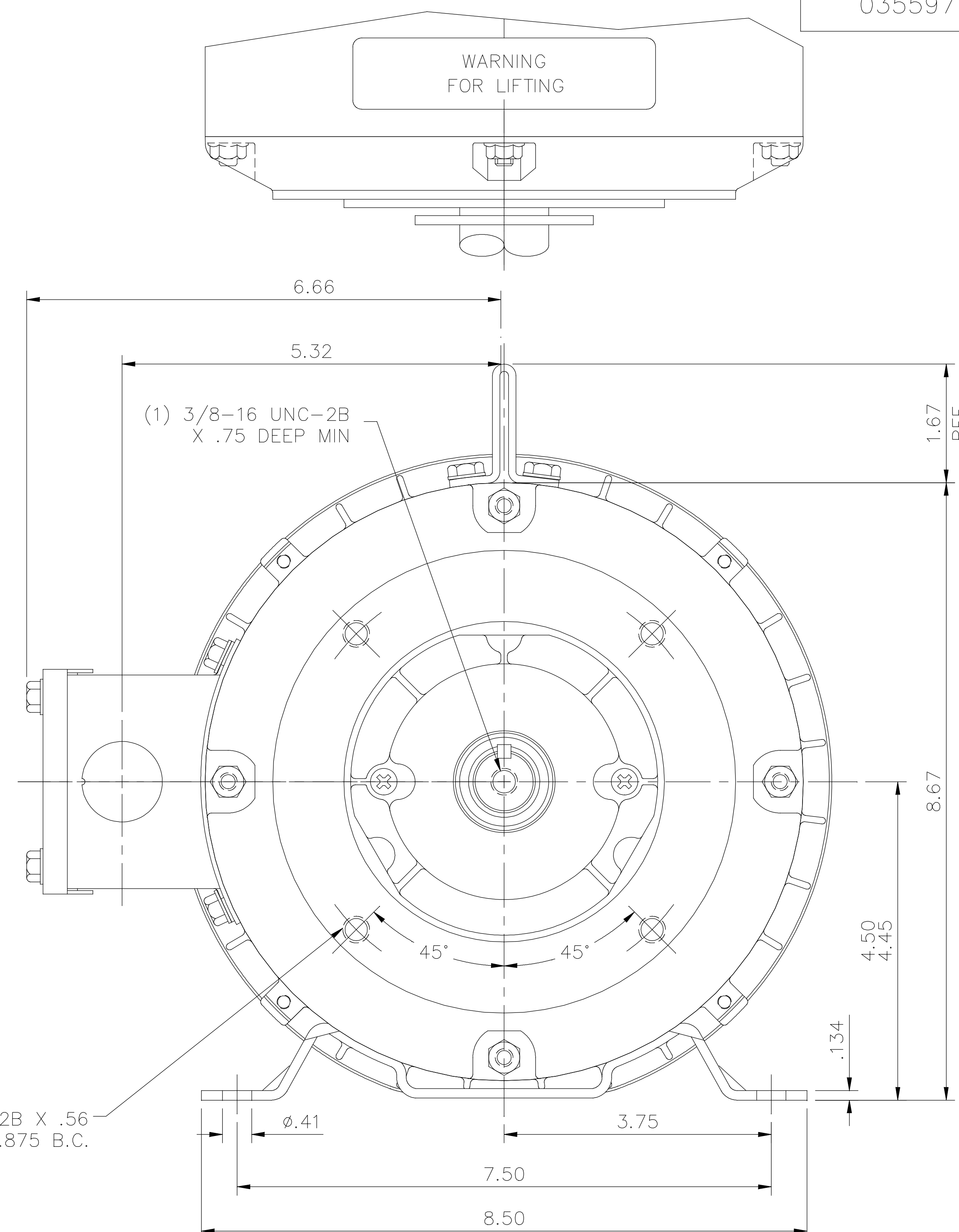
RegalRexnord


Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	3480 & 2900 rpm	Service Factor	1.0 & 1.0
Frame	184JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	86.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	20-18.4/9.2 & 15.2/7.6 A	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	L
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	2	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	16.59 in
Frame Length	9.50 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035597-950	Connection Drawing	005010.01ME



			TOLERANCES UNLESS SPECIFIED		<div> Regal Beloit America, Inc.</div>			DRAWN		VV 12/13/07			
			DEC.	INCHES				CHK					
04	WARNING DECAL ADDED	NK 07/02/18	.X	±.1				APPD					
03	ADDED 800 DASH VALUE	KK 02/23/11	.XX	±.03	TITLE OUTLINE – 180JM FRAME TEFC – RIGID "C" – JM PUMP			SCALE		1=2			
02	SHAFT RUNOUT WAS .004,CBOX SCREWS CHANGED	VV 5/20/09	.XXX	±.005				REF					
01	ADDED .19 SQ. X 1.50 KEY	GWS 3/12/08	.XXXX	±.0005	MAT'L.			FMF		184TTFW8917			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV				
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			DIST					035597			04		

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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		APPD		
				.XX	±.01		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	