

# PRODUCT INFORMATION PACKET



Model No: 182TTFR4044

Catalog No: U319

3 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 230/460 V, 182JM Frame, TEFC  
Close-Coupled Pump Motors

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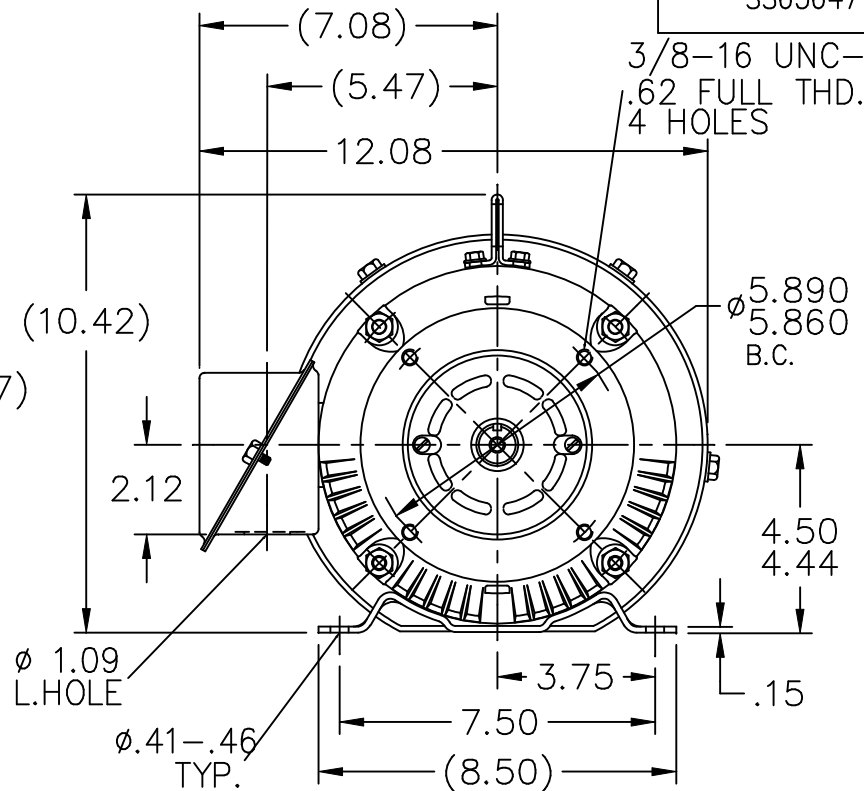


### Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.4/4.2 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6307	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
Resistance Main	4.65 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	18.35 in
Frame Length	6.75 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	A-SS65647-675




Technical drawing of a shaft assembly. The drawing shows a shaft with a keyway and a hole. Dimensions are given in inches. The shaft has a total length of 1.250 inches. The keyway is 0.19 inches wide and 0.09 inches deep. The hole is 0.03 inches in diameter and 0.45 inches in length. The shaft has a diameter of 0.8745 inches. The keyway is located 0.640 inches from the left end. The hole is located 0.609 inches from the left end. The shaft has a fillet radius of R.03 MAX. The hole is 3/8-16 UNC-3B .75 FULL THD. 1-HOLE. The shaft is labeled with dimensions: 1.250, 1.248, 0.640, 0.609, 2.890, 2.859, R.03 MAX, 0.19x.09x1.65 KEYWAY, 0.03x.45, 3/8-16 UNC-3B .75 FULL THD. 1-HOLE, 0.8745, 0.8740, 1.0000, 0.9995.

BOX CAN BE ROTATED IN 90° STEPS.  
BOX CAN BE MOUNTED ON OPPOSITE SIDE BY  
REMOVING BRACKETS AND TURNING FRAME 180°.  
SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.  
NEAR POINT "X".

DETAIL OF SHAFT EXT.

(REPLACES A-SS65455)

8	CORRECTED REAR BRACKET DESIGN	JJB 07/20/2007	ML	TOLERANCES UNLESS SPECIFIED			DRAWN DJK 04-28-1993			
7	ADDED LIFT LUG CN 34025	DRS 07-20-2001		DEC.	INCHES		CHK ML 06-17-1993			
6	REMOVED DASH 675 182T DASH 675			.X	±.1		APPD GK 06-17-1993			
	182/4T WAS 184T CN 29200-443	TJB 05-16-2000		.XX	±.03		SCALE 7=32			
5	ADDED -675 W/F1 ONLY MOUNTING CN27400-320	CAE 09-15-1999		.XXX	±.005		REF			
4	REMOVED EYEBOLT	DRS 11-08-1995		.XXXX	±.0005	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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 ss65647		SIZE A	DRAWING NO. SS65647	PAGE OF	REV. 8
			DIST LB							



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	DRAWN RM	ML	SAS	SCALE	REF	FMF	PREV
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES								
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1								
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02								
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005								
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005								
					±7'30"								
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						DIST WP							