

# PRODUCT INFORMATION PACKET



Model No: 182TTFR4021

Catalog No: U317

3 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 575 V, 182JM Frame, TEFC  
Close-Coupled Pump Motors

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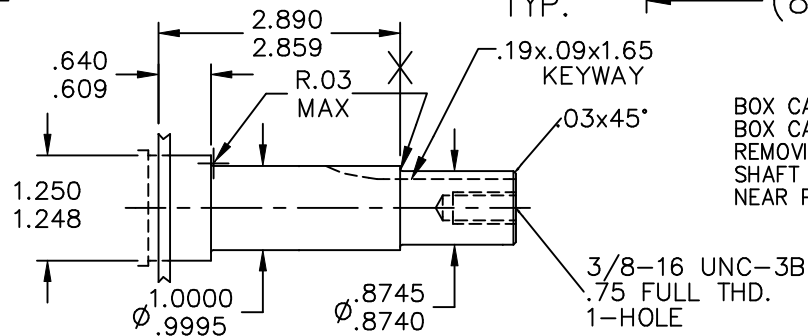
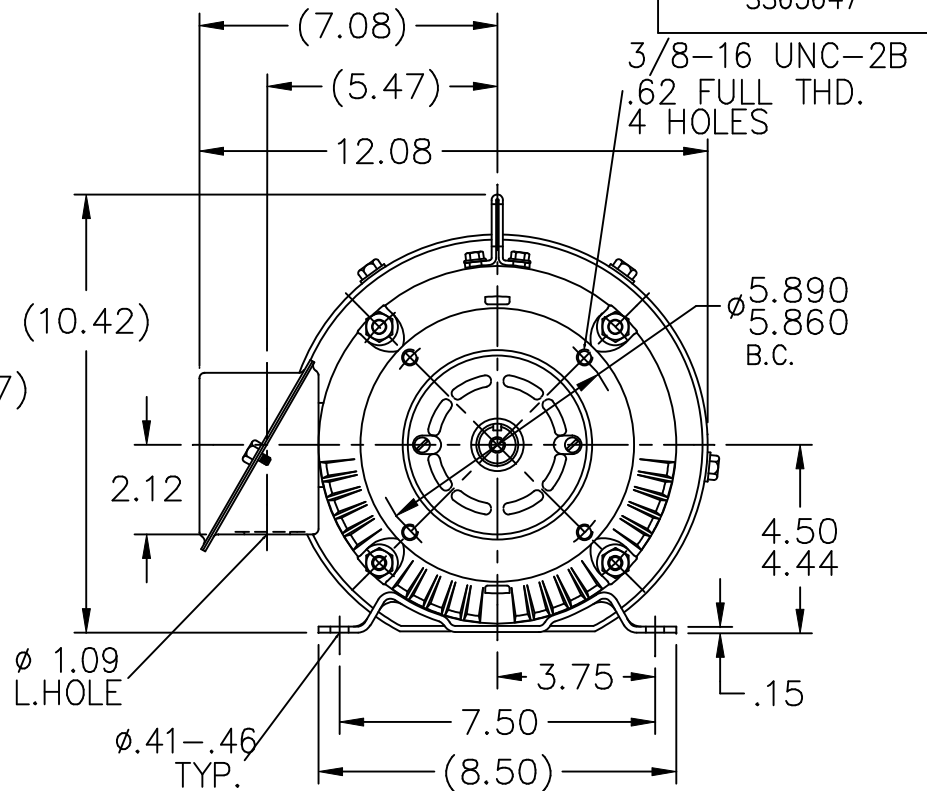
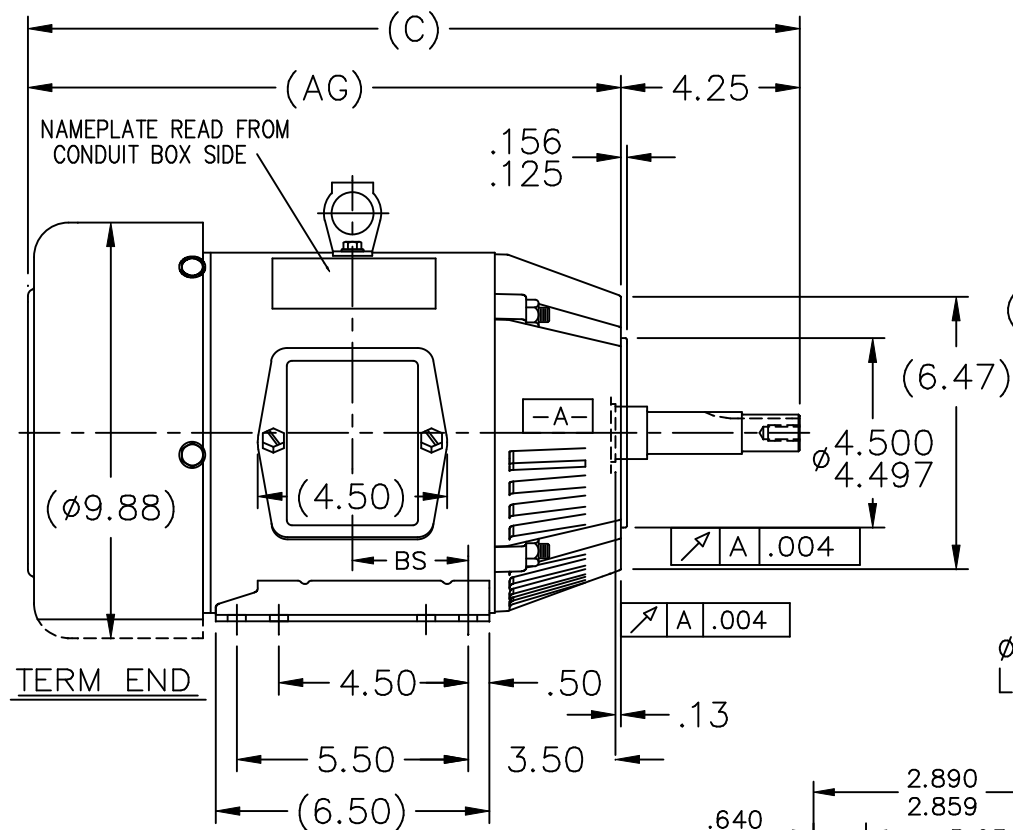
### Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	575 V
Current	3.0 A	Speed	3480 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
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	2	Rotation	Reversible
Resistance Main	3.57 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	17.35 in
Frame Length	5.75 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 Only
Outline Drawing	A-SS65647-575	Connection Drawing	A-EE7300

SS65647



DETAIL OF SHAFT EXT.

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".

(REPLACES A-SS65455)

DASH	FR.	C	AG	BS	MOUNTING
575	182T	17.35	13.10	2.25	F1 ONLY
625	182T	17.85	13.60	2.50	F1 ONLY
675	182/4T	18.35	14.10	2.75	F1 OR F2
725	182/4T	18.85	14.60	3.00	F1 OR F2
775	182/4T	19.35	15.10	3.25	F1 OR F2
825	182/4T	19.85	15.60	3.50	F1 ONLY
875	182/4T	20.35	16.10	3.75	F1 ONLY

8	CORRECTED REAR BRACKET DESIGN	JJB 07/20/2007	ML	TOLERANCES UNLESS SPECIFIED
7	ADDED LIFT LUG CN 34025	DRS 07-20-2001		DEC. INCHES
6	REMOVED DASH 675 182T DASH 675			.X ±.1
	182/4T WAS 184T CN 29200-443	TJB 05-16-2000		.XX ±.03
5	ADDED -675 W/F1 ONLY MOUNTING CN27400-320	CAE 09-15-1999		.XXX ±.005
4	REMOVED EYEBOLT	DRS 11-08-1995		.XXXX ±.0005
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"

	DRAWN DJK 04-28-1993	
	CHK ML 06-17-1993	APPD GK 06-17-1993
TITLE OUTLINE 180T FR.-BB-TS-TEFC-C'FACE-'JM' EXT.	SCALE 7=32	
MAT'L.	REF	
FINISH	FMF	
	PREV	

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RFP  
DIST LB

CAD FILE ss65647

SIZE  
A

DRAWING NO. SS65647  
PAGE OF 8  
REV. 8

# THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.

## TERMINAL BLOCK WHEN SPECIFIED



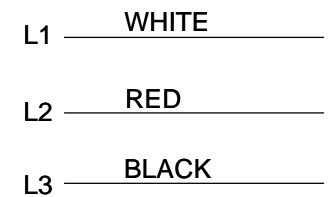
VIEW OF TERMINAL END

### IF MOTOR HAS 6 LEADS




A-9806 DECAL

### OPTIONAL CORD CONNECTION



DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION

 Regal Beloit America, Inc.		
DESCRIPTION <b>CONNECTION DIAGRAM</b> EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1