

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 182TTDR4116

Catalog No: E150

5 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 200 V, 182JM Frame, ODP
Close-Coupled Pump Motors

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The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.



Nameplate Specifications

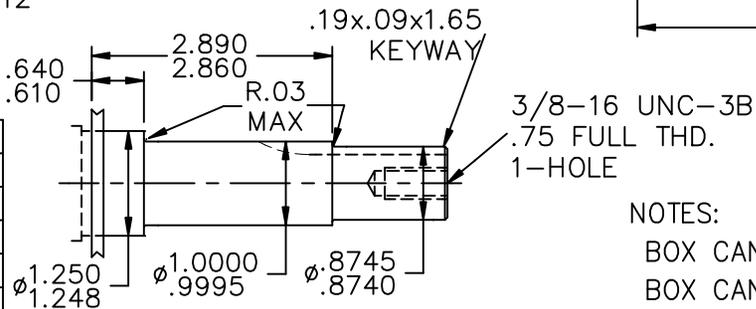
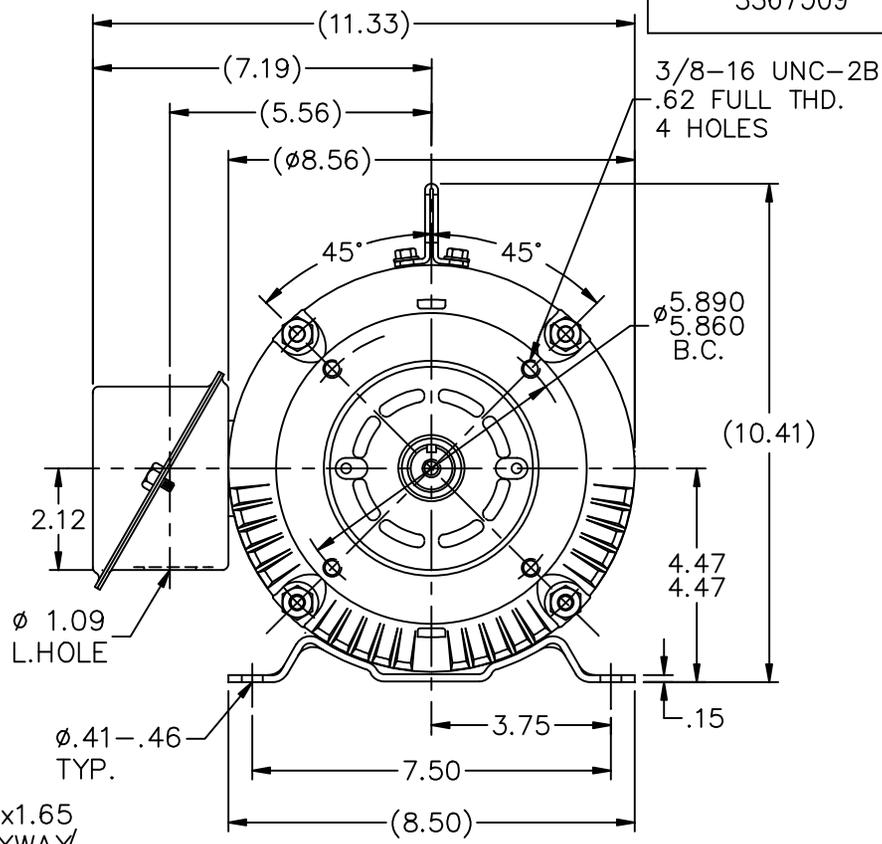
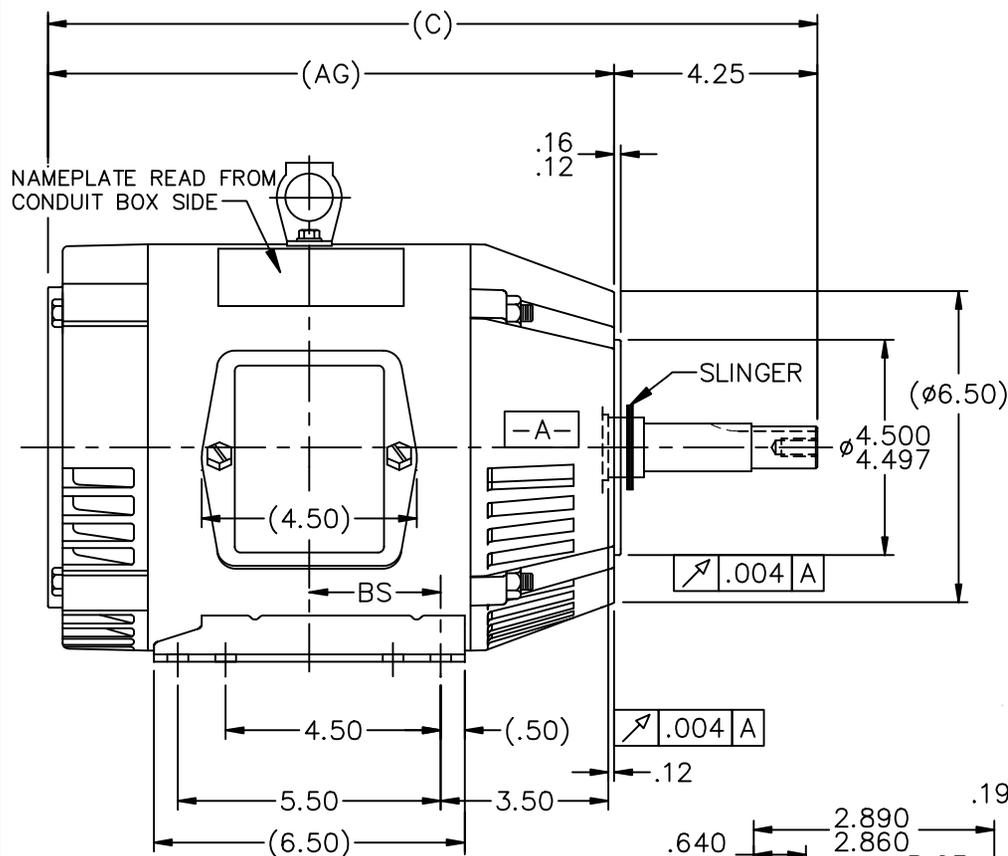
Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	200 V
Current	13.8 A	Speed	3475 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	89
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	J
Frame	182JM	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	2.8 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	16.09 in
Frame Length	6.75 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS67309-675	Connection Drawing	A-EE7300

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SS67309



DETAIL OF SHAFT EXT.

NOTES:
 BOX CAN BE ROTATED IN 90° STEPS.
 BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°

DASH	FR	AG	C	BS	MOUNTING
575	182T	10.84	15.09	2.25	F1 OR F2
625	182T	11.34	15.59	2.50	F1 ONLY
675	182/4T	11.84	16.09	2.75	F1 OR F2
725	182/4T	12.34	16.59	3.00	F1 ONLY
775	182/4T	12.84	17.09	3.25	F1 ONLY
825	182/4T	13.34	17.59	3.50	F1 ONLY
875	182/4T	13.84	18.09	3.75	F1 ONLY

			TOLERANCES UNLESS SPECIFIED		DRAWN DJK 04-26-1993
			DEC.	INCHES	
11	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.X ±.1	CHK ML 07-22-1993
10	ADDED LIFT LUG CN 34025	NJS 07-20-2001	.XX	±.03	APPD GK 07-22-1993
9	ADDED FRAME SIZE TO -825 & -875 CN 27400-320	CAE 11-03-1999	.XXX	±.005	SCALE 1=4
8	REVISED DASH TABLE CN 27451	MRB 05-11-1999	.XXXX	±.0005	REF
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"	FMF
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 ss67309	SIZE A
			DIST LB		DRAWING NO. SS67309
					PAGE OF 1
					REV. 11

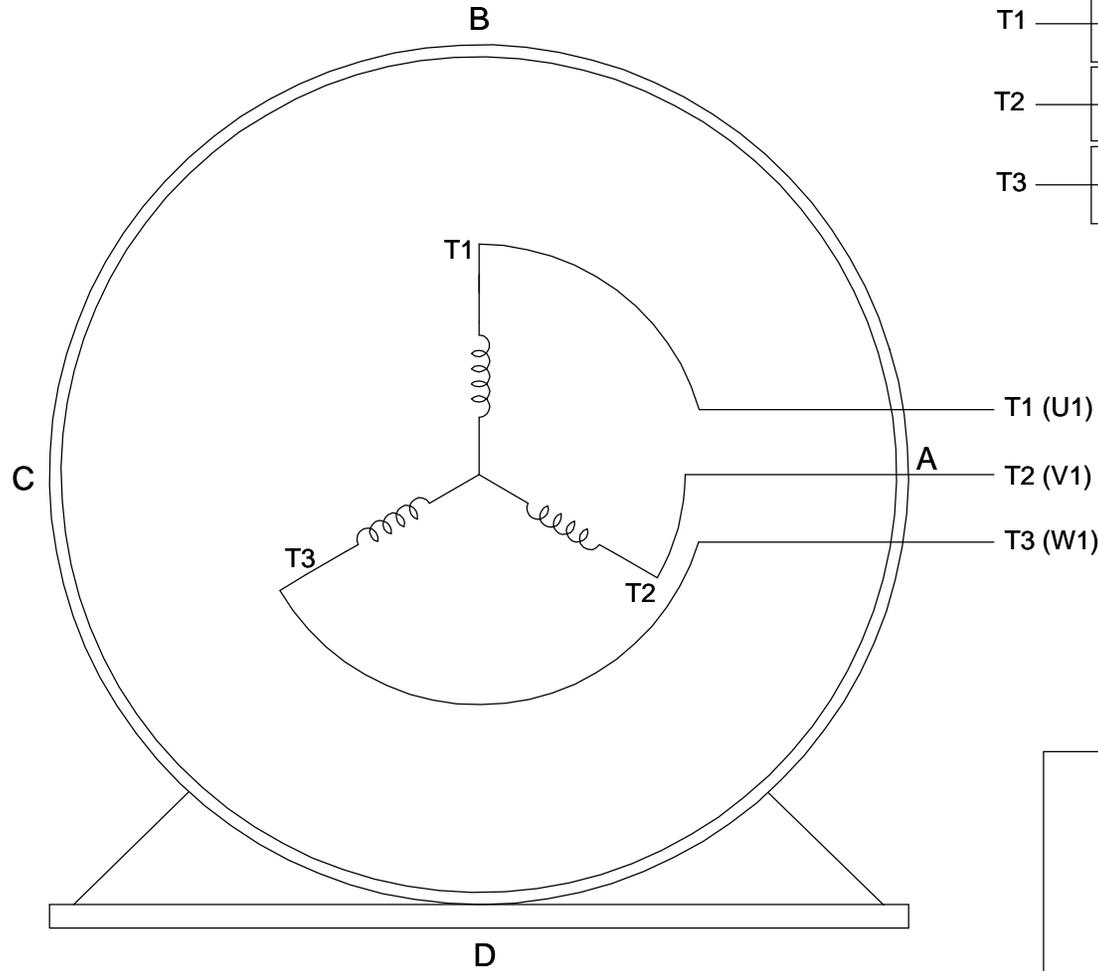
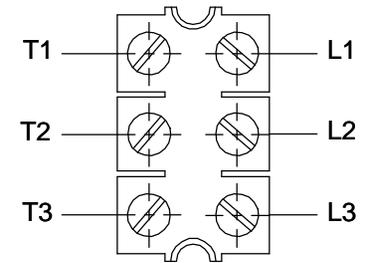


TITLE OUTLINE - JM EXT.
 180 FR. - BB - TS - DR.PR. - C' FACE

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

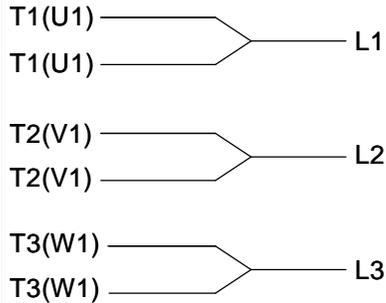
**TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.**

TERMINAL BLOCK WHEN SPECIFIED



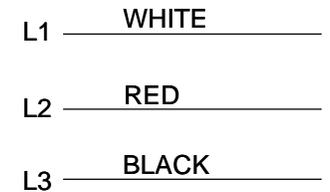
VIEW OF TERMINAL END

**IF MOTOR HAS
6 LEADS**

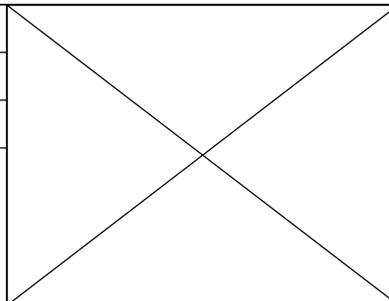


A-9806 DECAL

**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 CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1