

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 184TTDR4142

Catalog No: U170

5 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 200 V, 184JP Frame, ODP
Close-Coupled Pump Motors

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RegalRexnord

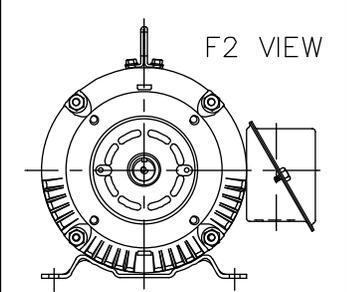
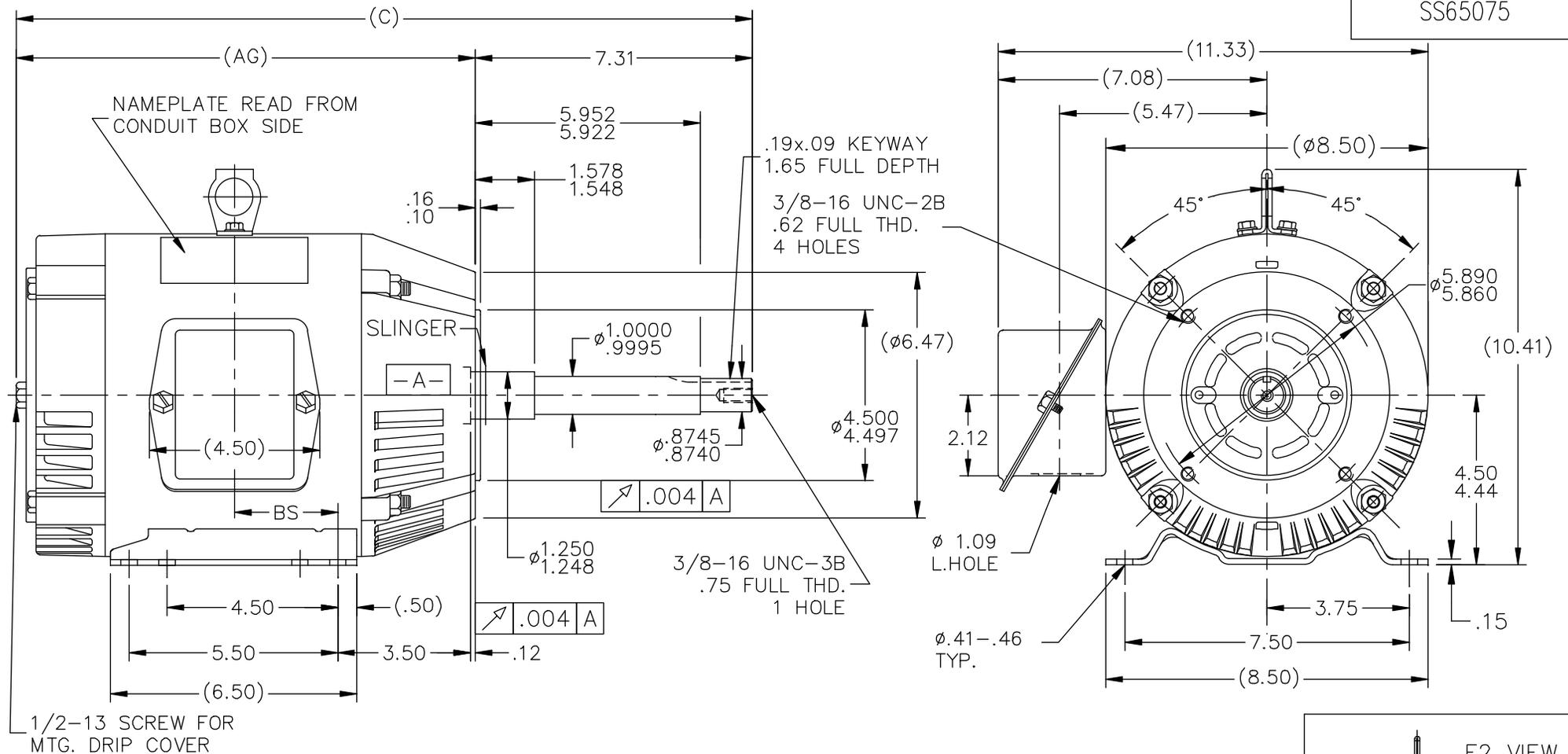
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	200 V
Current	14.5 A	Speed	1745 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	81
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	J
Frame	184JP	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	4	Rotation	Reversible
Resistance Main	3.2 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	20.41 in
Frame Length	7.75 in	Shaft Diameter	0.875 in
Shaft Extension	7.34 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7300	Outline Drawing	A-SS65075-775

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

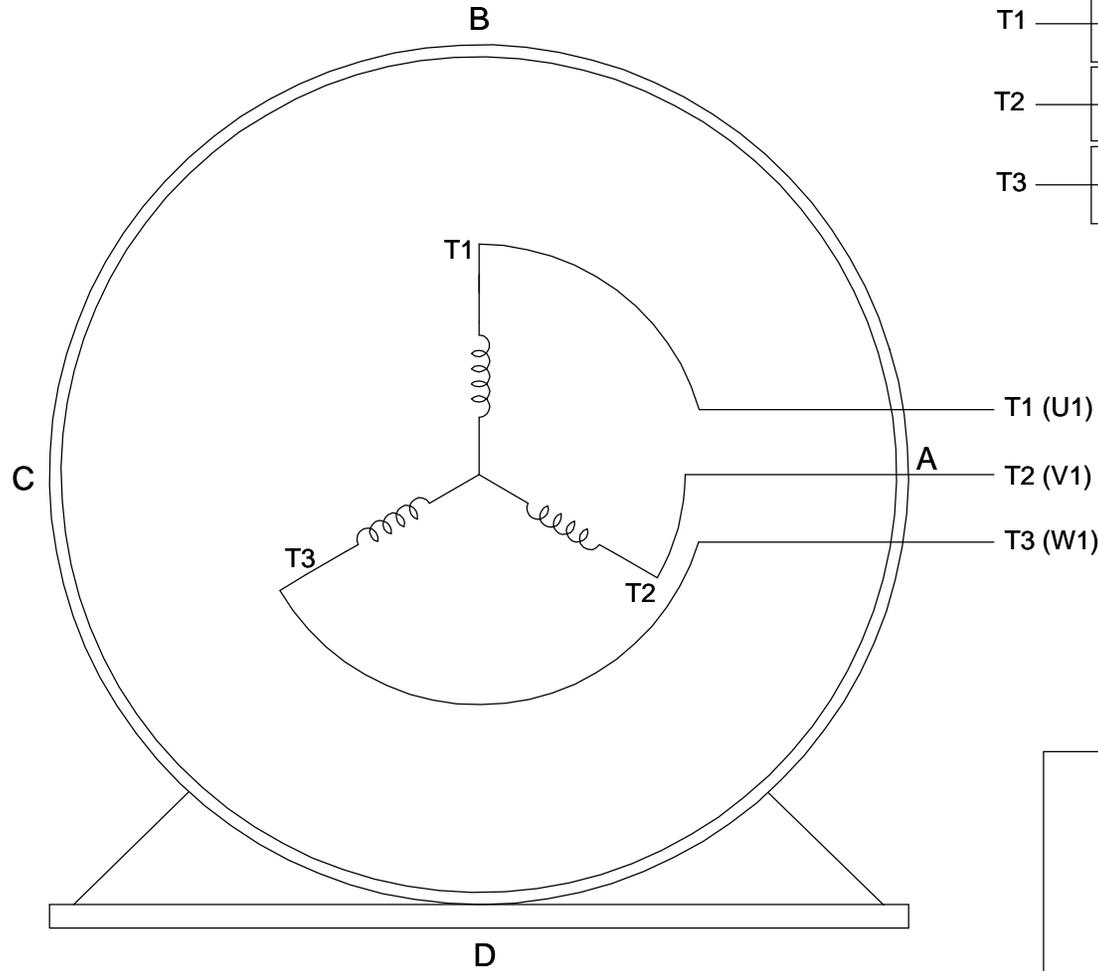
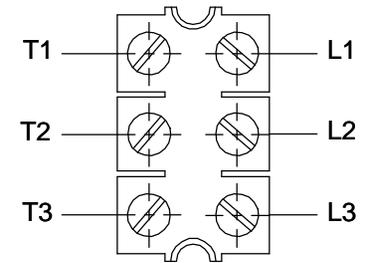
DASH	FR.	C	AG	BS	MOUNTING
575	182T	18.41	11.10	2.25	F1 OR F2
675	182/4T	19.41	12.10	2.75	F1 OR F2
725	182/4T	19.91	12.60	3.00	F1 ONLY
775	182/4T	20.41	13.10	3.25	F1 ONLY

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DJK 12-16-1992			
			DEC.	INCHES		CHK	ML	APPD	SCALE
16	UPDATED DRAWING	RJW 04-20-2007			TITLE OUTLINE 180T FR.-DR.PR.-C' FACE				1=4
15	REDRAWN IN AUTOCAD	TAT 07-13-2004	ML	.X ±.1					
14	ADDED LIFT LUG	CN 34025 NJS 07-23-2001		.XX ±.03					
13	REVISED MOUNTING	CN 27400-320 CAE 11-03-1999		.XXX ±.005					
12	ADDED MOUNTING TYPE	CN 27451 DRS 04-29-1999		.XXXX ±.0005					
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"	FINISH				
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 ss65075	SIZE	DRAWING NO.	PAGE OF	REV.
			DIST LB			A	SS65075		16

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

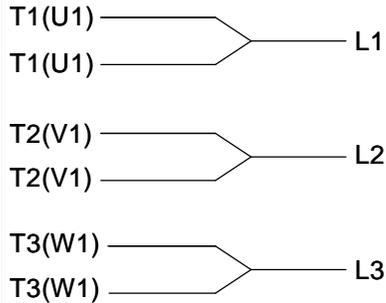
**TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.**

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

**IF MOTOR HAS
6 LEADS**

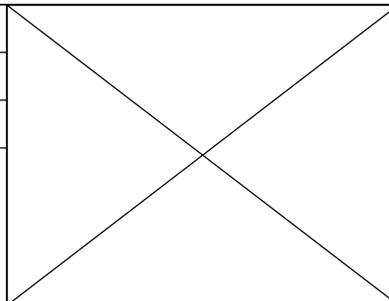


A-9806 DECAL

**OPTIONAL CORD
CONNECTION**

- L1 _____ WHITE _____
- L2 _____ RED _____
- L3 _____ BLACK _____

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