

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 182TCDR7318

Catalog No: Z406

3 HP Close-Coupled Pump Motor, 1 phase, 3600 RPM, 115/230 V, 182JM Frame, ODP
Close-Coupled Pump Motors



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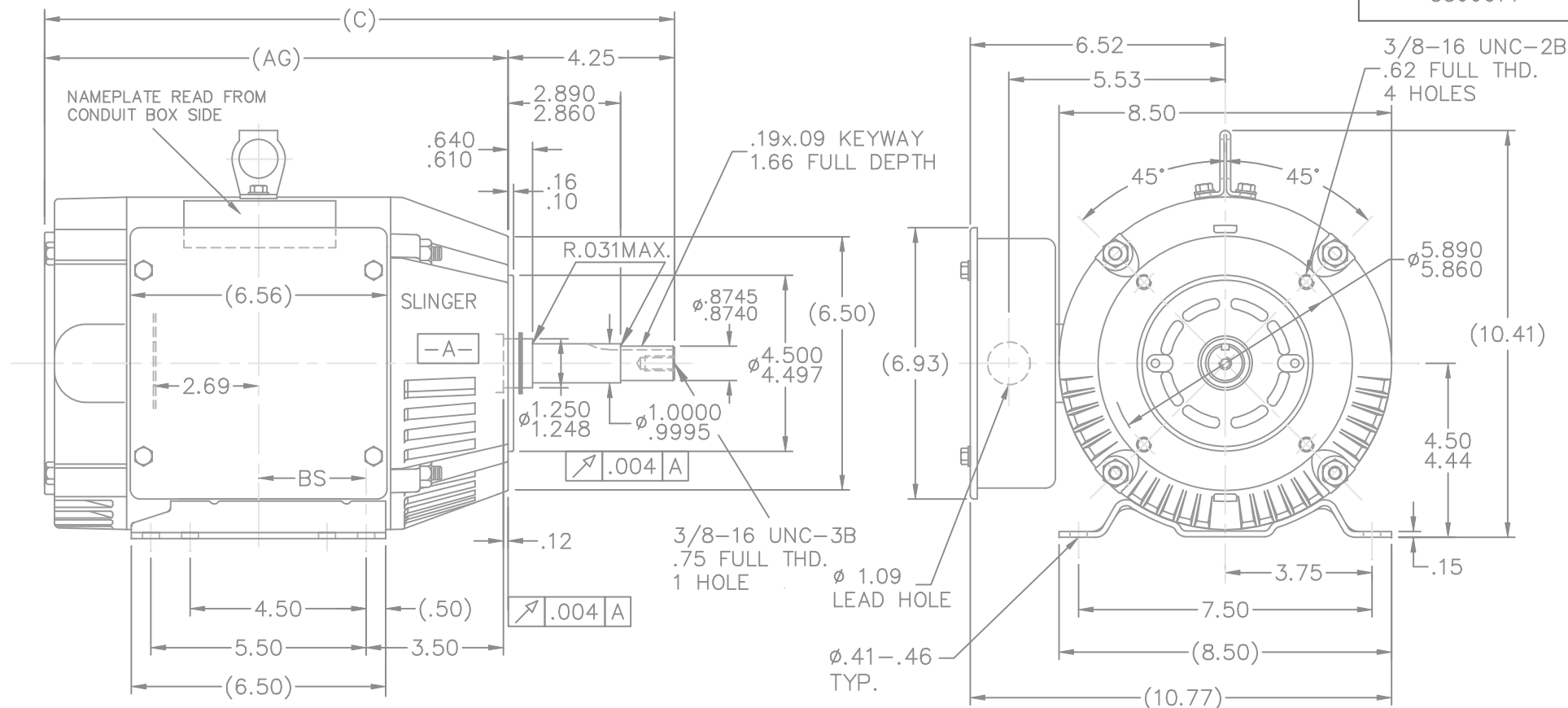
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	115/230 V
Current	32.0/16.0 A	Speed	3460 rpm
Service Factor	1.15	Phase	1
Efficiency	74 %	Power Factor	78.7
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	G
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	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Clockwise
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	15.59 in
Shaft Diameter	1.125 in	Shaft Extension	4.28 in
Assembly/Box Mounting	F1 Only		
Connection Drawing	A-EE7085FP	Outline Drawing	A-SS66077-625

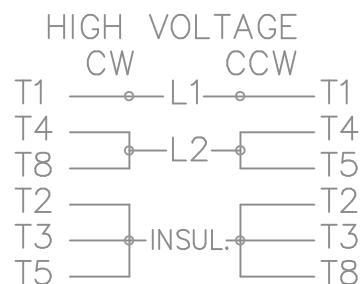
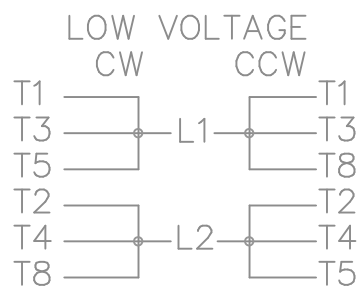
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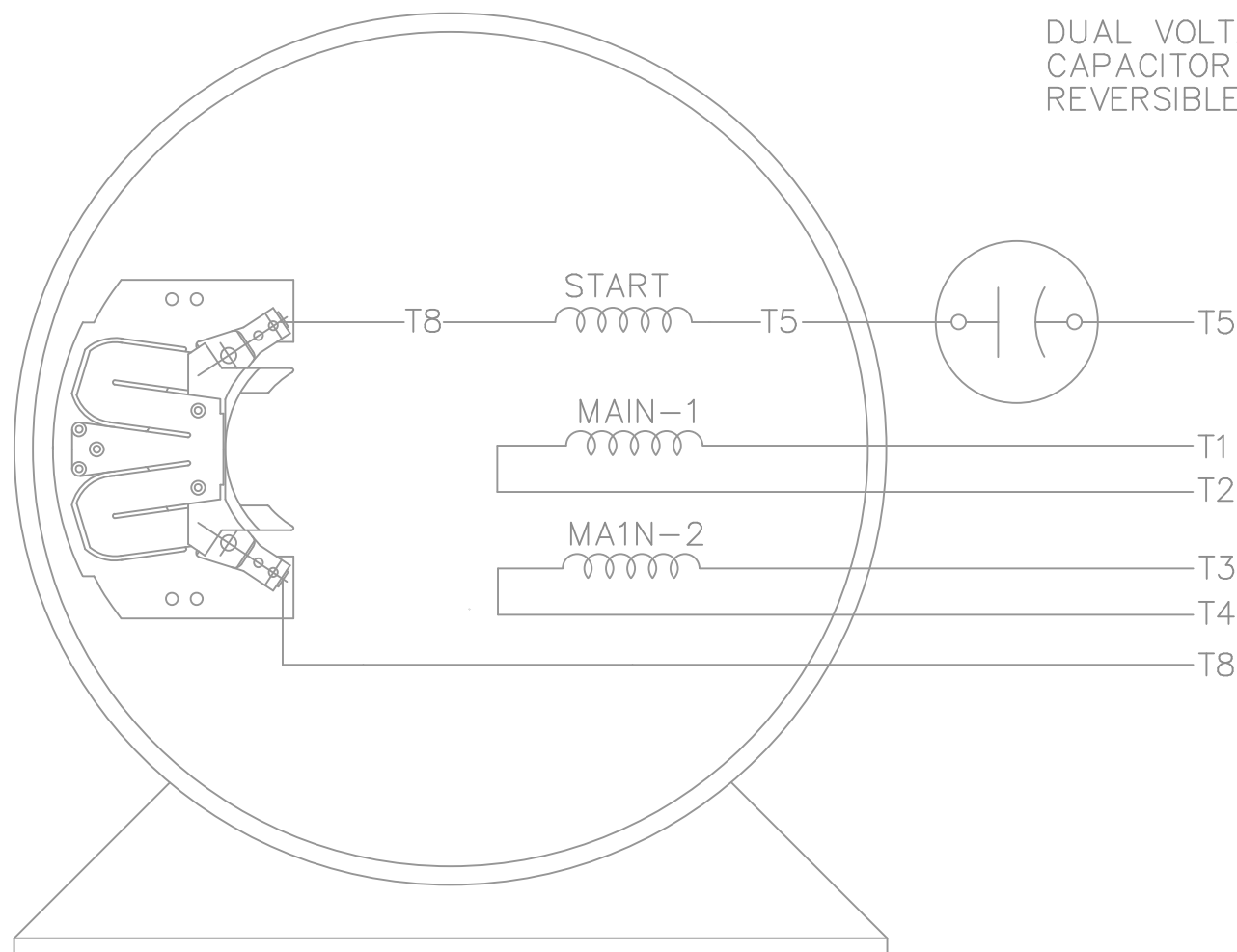
BOX CAN BE ROTATED IN 90° STEPS.

DASH	FR.	AG	C	BS	DASH	FR.	AG	C	BS
625	182JM	11.34	15.59	2.50	775	184JM	12.84	17.09	3.25
675	182JM	11.84	16.09	2.75	825	184JM	13.34	17.59	3.50
725	182JM	12.34	16.59	3.00	875	184JM	13.84	18.09	3.75
825	182JM	13.34	17.59	3.50					


				TOLERANCES UNLESS SPECIFIED				DRAWN DJK 12-15-1992					
				DEC.	INCHES			CHK	ML 12-17-2001				
12	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.X	±.1	TITLE OUTLINE 180JM FR. – BB – SCS – DR.PR. – C' FACE				APPD GK 12-17-2001			
11	ADDED LIFT LUG CN 34025	NJS 07-11-2001		.XX	±.03					SCALE 1=4			
10	REMOVED EYEBOLT	BLR 11-09-1995		.XXX	±.005					REF			
9	ADDED EYEBOLT AND NUT	LZ 06-24-1994		.XXXX	±.0005	MAT'L.				FMF			
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"	FINISH				PREV			
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DUAL VOLTAGE
CAPACITOR START
REVERSIBLE



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED			DRAWN GK 09-24-1986		
			DEC.	INCHES		CHK FG 09-24-1986		
			.X	± -		APPD ML 09-24-1986		
			.XX	± -		SCALE 1=1		
			.XXX	± -		REF		
2	REDRAWN IN AUTOCAD	RWR 08-02-2004	.XXX	± -	TITLE CONNECTION DIAGRAM			
1	NEW DRAWING CN7664C	GK 12-15-1996	.XXXX	± -		MAT'L.		
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