

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 182TCDR7074

Catalog No: Z405

2 HP Close-Coupled Pump Motor, 1 phase, 1800 RPM, 115/230 V, 182JM Frame, ODP  
Close-Coupled Pump Motors



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**RegalRexnord**

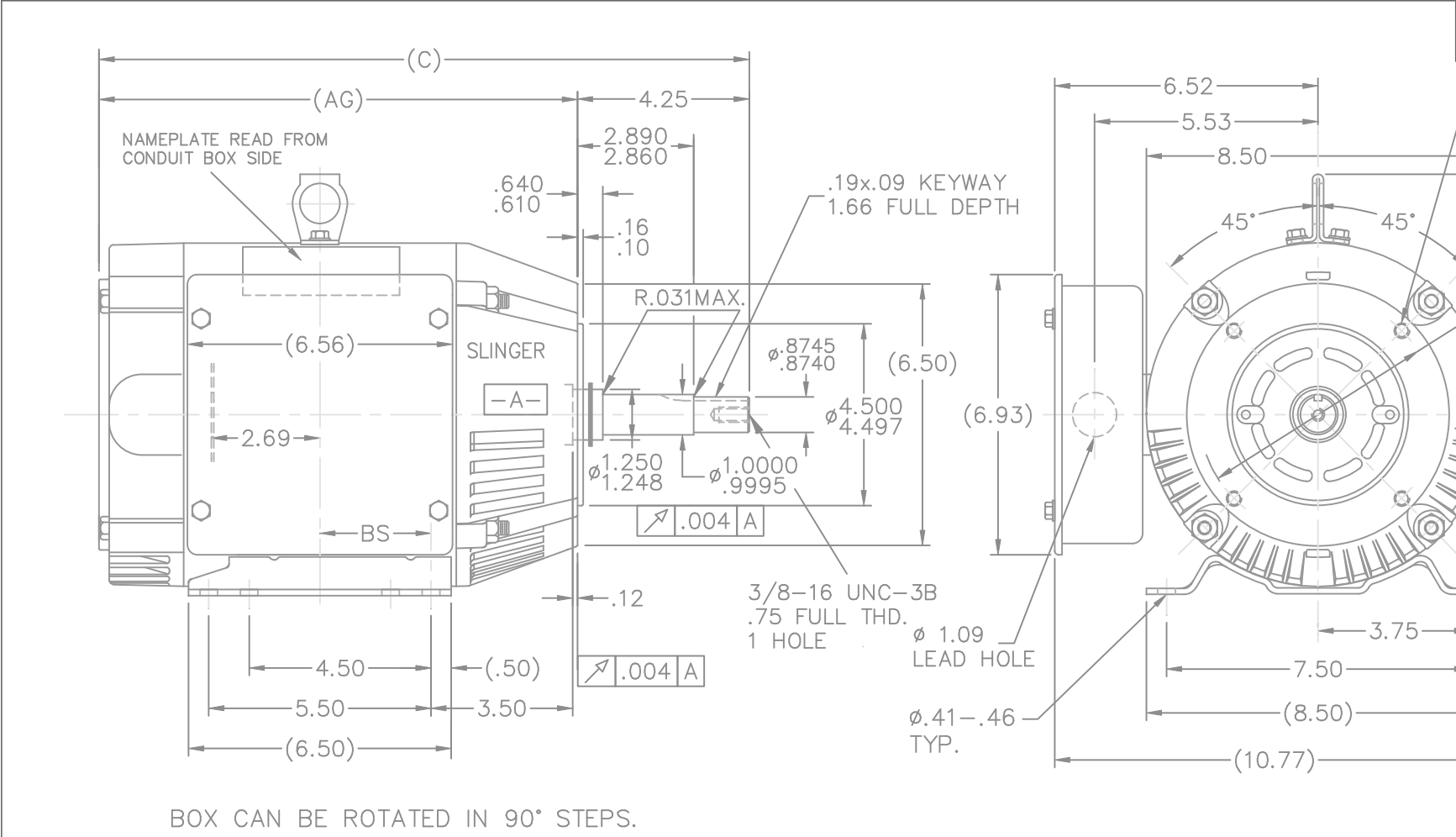
## Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/230 V
Current	23.0/11.5 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	72 %	Power Factor	74
Duty	Continuous	Insulation Class	B
Design Code	L	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	N	IP Code	22
Number of Speeds	1		

## Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
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	16.09 in
Shaft Diameter	1.125 in	Shaft Extension	4.28 in
Assembly/Box Mounting	F1 Only		
Connection Drawing	A-EE7085FR	Outline Drawing	A-SS66077-675

SS66077



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	
				DEC.	INCHES
12	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.X	±.1
11	ADDED LIFT LUG CN 34025	NJS 07-11-2001		.XX	±.03
10	REMOVED EYEBOLT	BLR 11-09-1995		.XXX	±.005
9	ADDED EYEBOLT AND NUT	LZ 06-24-1994		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"



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

MAT'L.

## FINISH

DRAWN DJK 12-15-1992

CHK ML 12-17-2001

APPD GK 12-17-2001

SCALE 1=4

REF

FMF

[PREV](#)

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RFP

DIST LB

CAD FILE ss66077

SIZE

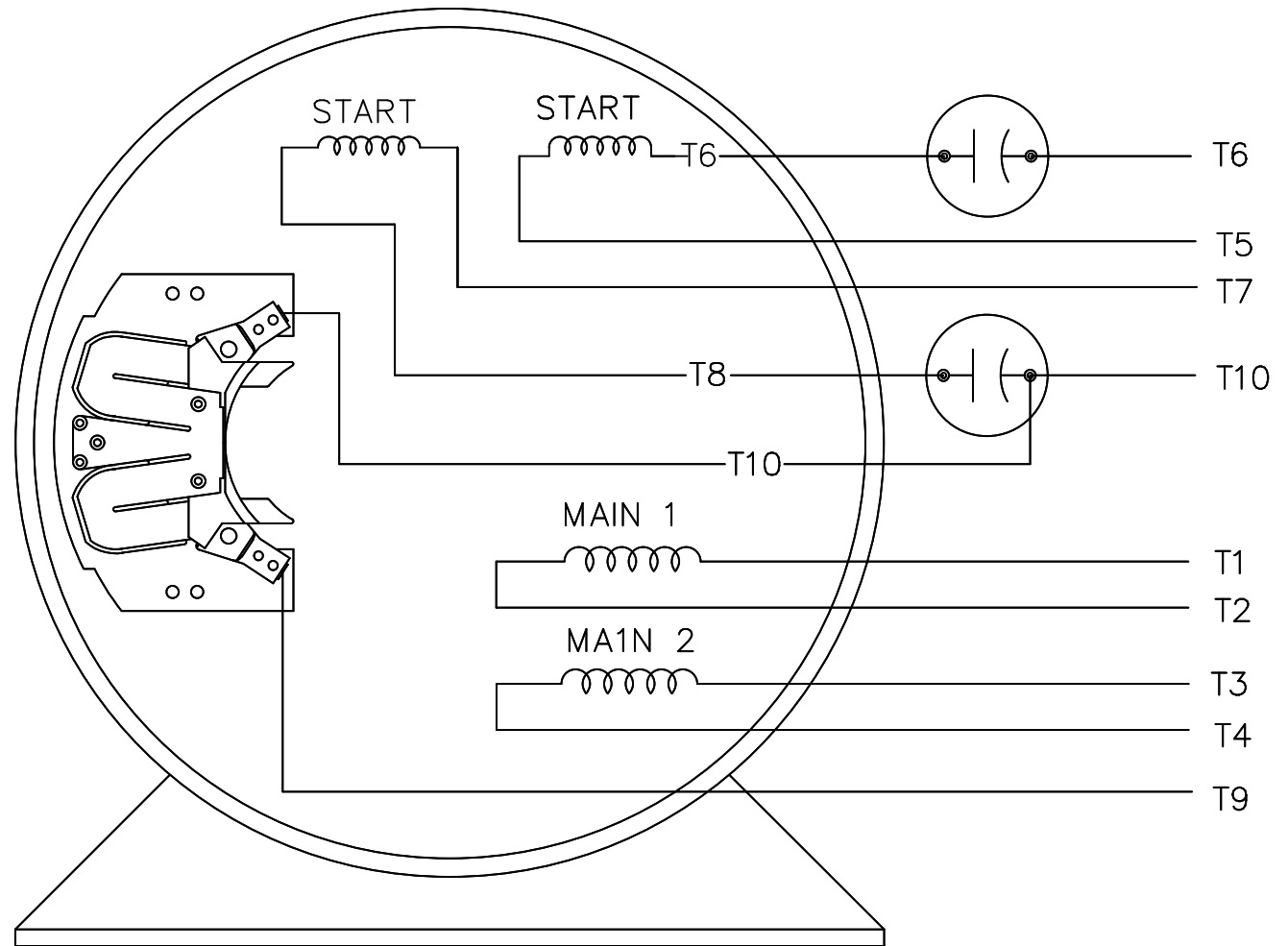
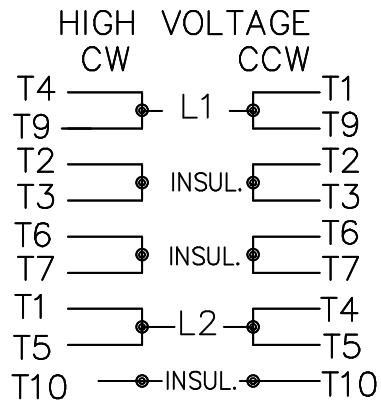
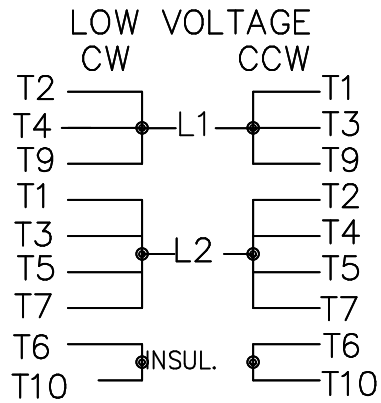
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REV.

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VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED			MARATHON ELECTRIC	DRAWN GK 09-24-1986		
			DEC.	INCHES			CHK	ML 09-24-1986	
			.X	±	-	TITLE CONNECTION DIAGRAM	APPD	FG 09-24-1986	SCALE 1=1
			.XX	±	-				REF
2	REDRAWN IN AUTOCAD	RWR 08-02-2004	.XXX	±	-				
1	NEW DRAWING CN7664C	GK 11-06-1986	.XXXX	±	-				
NO.	REVISION	BY & DATE	CHK	ANG	±	FINISH	PREV		
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			DIST LB						REV. 2