

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 182TTDW14029

Catalog No: E097

3 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 230/460 V, 182JM Frame, ODP  
JM Motors



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**REGAL**

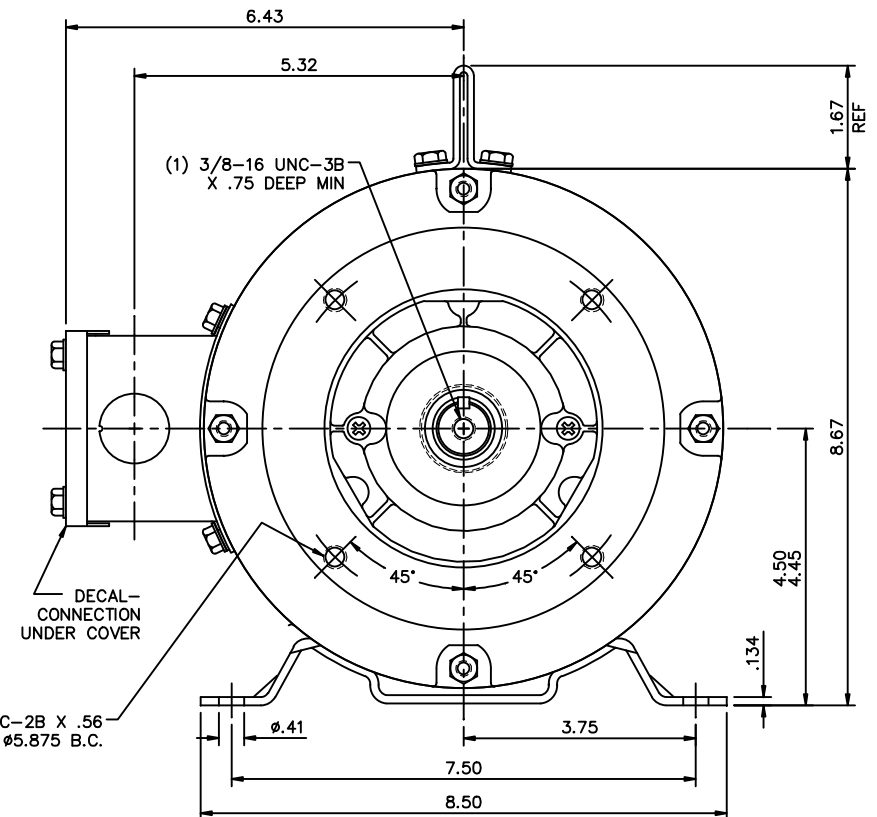
### Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.8/4.4 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	73.8
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182JM	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	4.85 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	14.82 in
Frame Length	9.00 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1/F2 Capable

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DASH NO.	"C"	"AD"
800	13.82	4.13
850	14.32	4.63
900	14.82	5.13
950	15.32	5.63
1000	15.82	6.13
1050	16.32	6.63
1100	16.82	7.13
1150	17.32	7.63

			TOLERANCES UNLESS SPECIFIED
			DEC. INCHES
		.X	±.1
		.XX	±.03
		.XXX	±.005
		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK ANG ±1/2"
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TITLE	OUTLINE - 180JM FRAME DRIP PROOF - RIGID "C" - JM PUMP
MAT'L	

DRAWN	VV 08/28/08
CHK	
APPD	
SCALE	1=2
REF	035565
FMF	182TDW7355
PREV	
NO.	REV.
35690	