

# PRODUCT INFORMATION PACKET



Model No: M302M2

Catalog No: M302M2

5/1.25 HP 2 speed General Purpose Motor, 3 phase, 1800/900 RPM, 460 V, 184T Frame, ODP  
General Purpose Motors



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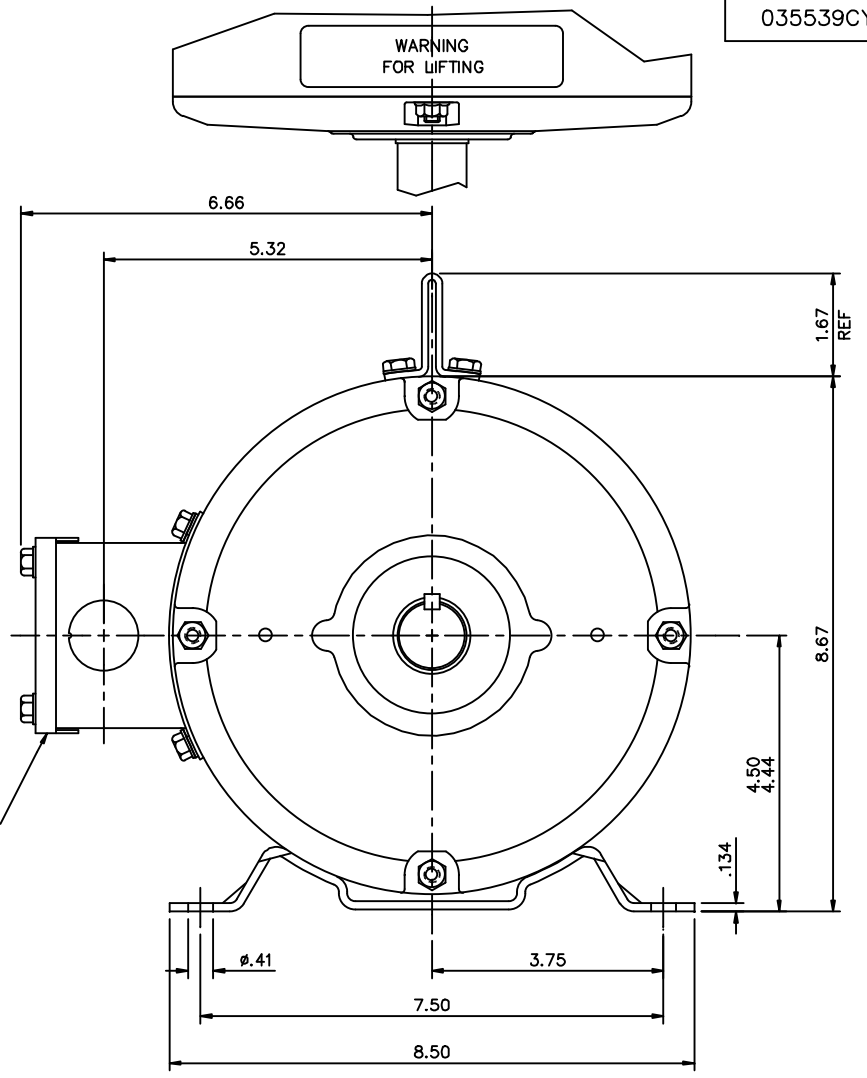
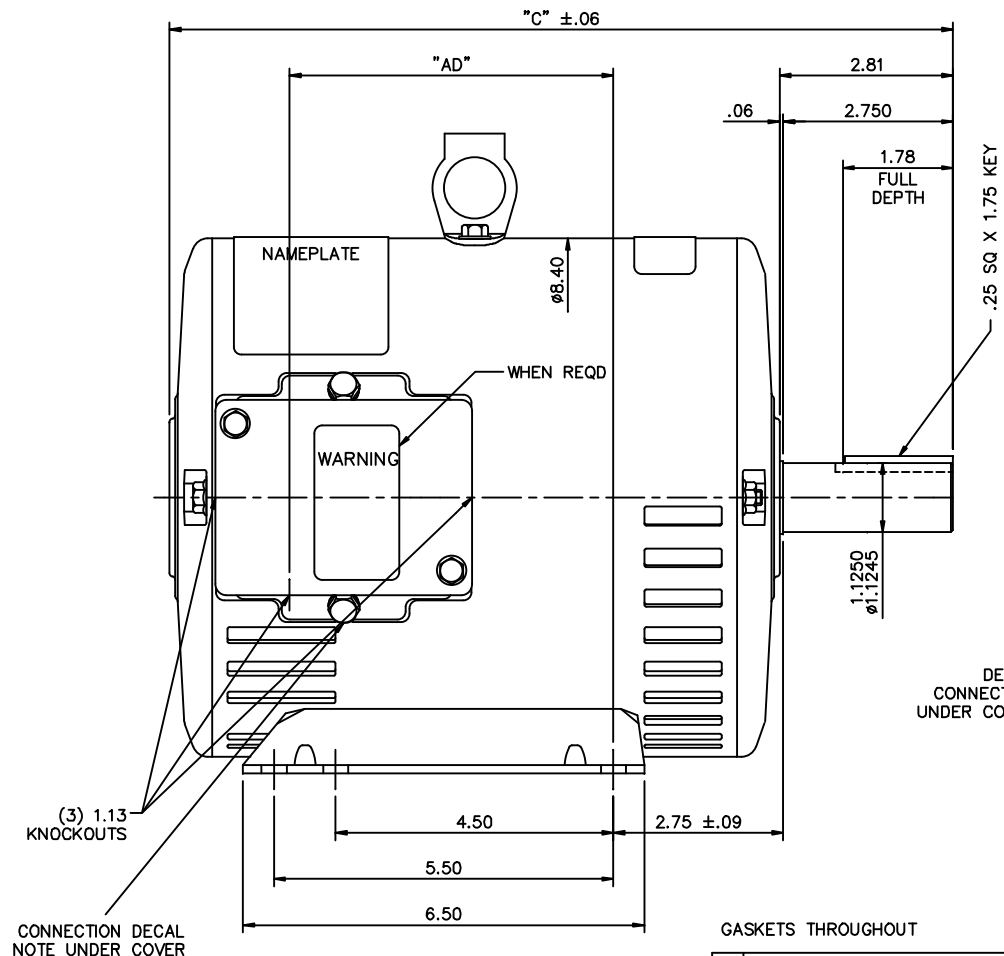
### Nameplate Specifications

Output HP	5/1.25 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	460 V
Current	7.30/3 A	Speed	1775/880 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	184T	Enclosure	Open Drip Proof
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	2

### Technical Specifications


Electrical Type	Polyphase	Starting Method	Across The Line
Poles	4/ 8	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	14.19 in
Frame Length	10.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.81 in		
Connection Drawing	005200.01CY	Outline Drawing	035539CY

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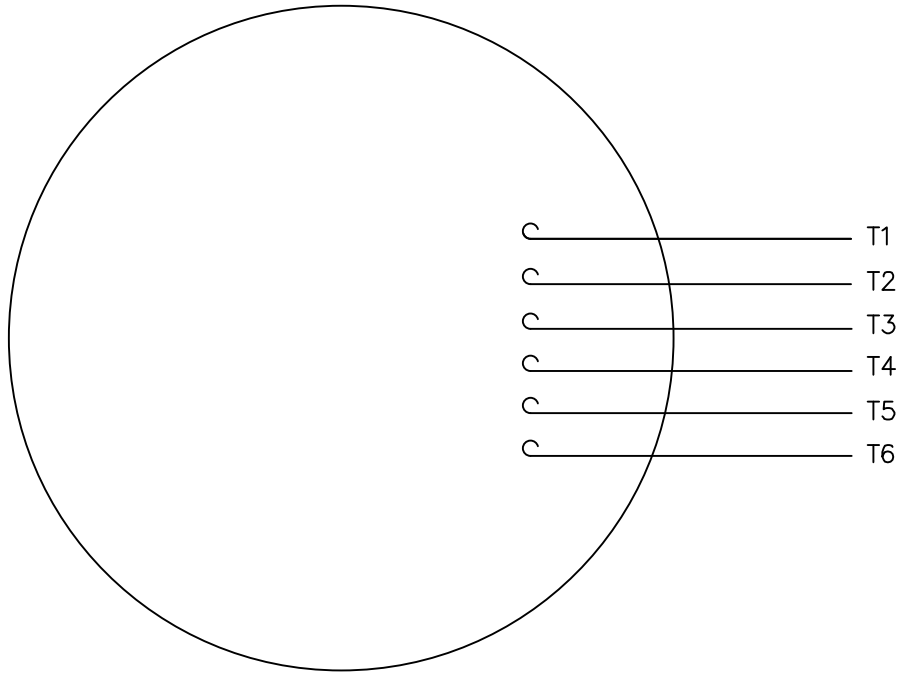


GASKETS THROUGHOUT

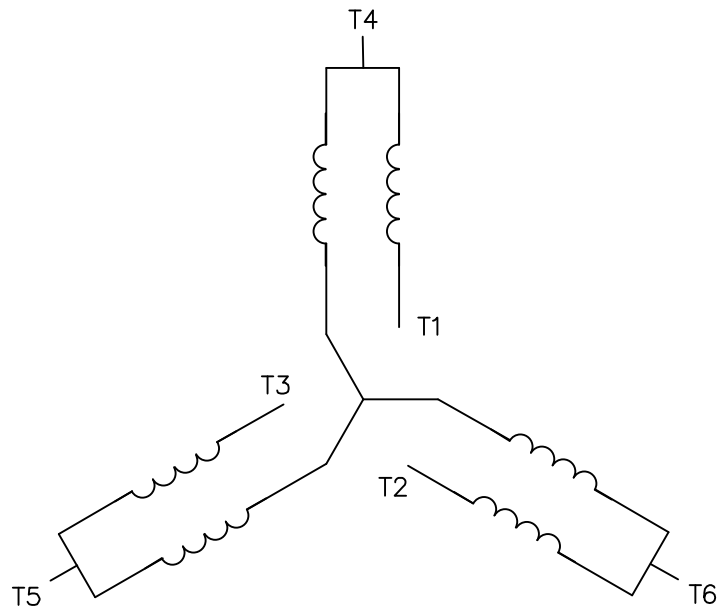
DASH NO.	"C"	"AD"
850	12.69	5.25
900	13.19	5.75
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25

				TOLERANCES UNLESS SPECIFIED			DRAWN GR 03/27/12
				DEC. INCHES			CHK ST 03/27/12
				.X ±.1	TITLE OUTLINE - 180T FRAME DRIP PROOF - RIGID		APPD
				.XX ±.03			SCALE 1-2
				.XXX ±.005			REF 035539
1	ADDED DECAL CONNECTION NOTE.	GR 06/18/12	ST .XXXX ±.0005	MAT'L GENERAL PURPOSE	FINISH		FMF
NO.	REVISION	BY & DATE	CHK ANG ±1/2'				PREV
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 035539CY	SIZE B	DRAWING NO. 035539CY
				DIST NLV			REV. 1


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



## LINE LEADS



SPEED	L1	L2	L3	JOIN	SEPARATE
HIGH	T6	T4	T5	(T1,T2,T3)	
LOW	T1	T2	T3		(T4)(T5) (T6)

				TOLERANCES UNLESS OTHERWISE SPECIFIED						
				DECIMALS						
				.00	± .01					DRAWN GR 03/27/12
				.000	± .005	CH'K'D. ST 03/27/12				
				.0000	± .0005	APPR.	MAT'L. DECAL – 004183/080066 2 SPEED 1 WDG. VARIABLE TORQUE MOTOR			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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				ANGLES	± 1/2°	REF. 005200–01	FINISH		SIZE A	DRAWING NO. 005200–01CY
				INCH/MM		FMF				