

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 182TTFB4026

Catalog No: E953

Other Purpose Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
182T Frame, TEFC

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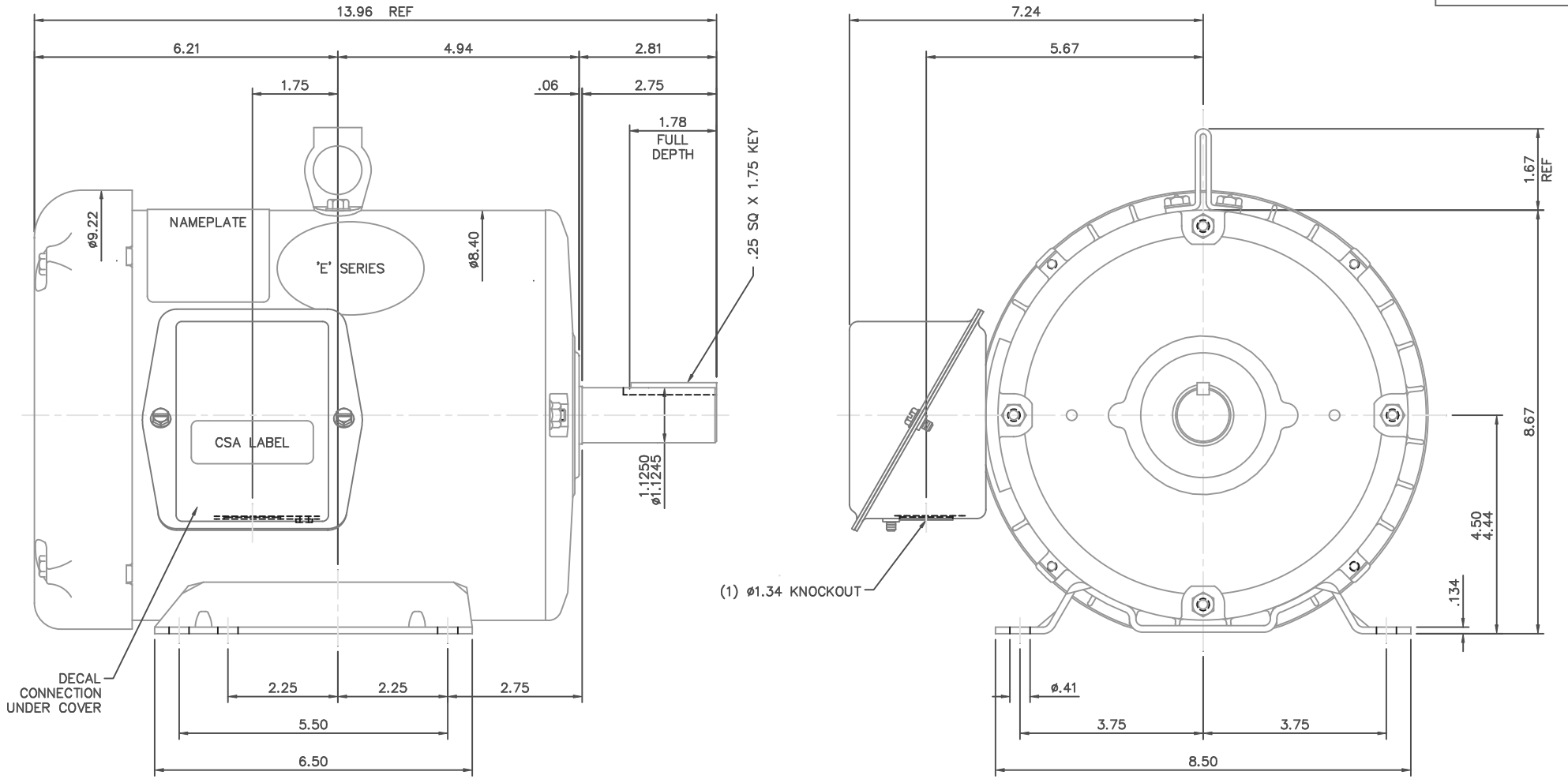


Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1760 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.8-8.2/4.1 & 6.8/3.4 A	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	3.8 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.96 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	OL139000	Connection Drawing	NONE



GASKETS THROUGHOUT

				TOLERANCES UNLESS OTHERWISE SPECIFIED				
				DEC.	INCHES	METRIC		
				.X	±.1	±2.5	DRAWN RDW 05/04/01	
				.XX	±.03	±.76	APPR. DWF 05/04/01	
				.XXX	±.005	±.127	R.F.P. 05/04/01	
				.XXXX	±.0005	±.0127	SCALE 1=2	
NO.	REVISION	BY & DATE	CH'K'D.	FRACTIONS	±1/64	REF.	P420	
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				REV.	DRAWING NO.	NLV		
							TITLE	OUTLINE - 182T FRAME TEFC - RIGID
							MAT'L.	
							REV.	DRAWING NO. OL139000