

PRODUCT INFORMATION PACKET



Model No: 851034.00
Catalog No: 851034.00
Grain Stirring Motor, 16 HP, 1 Ph, 60 Hz, 208-230 V, 1800 RPM, 256TZ Frame, DP



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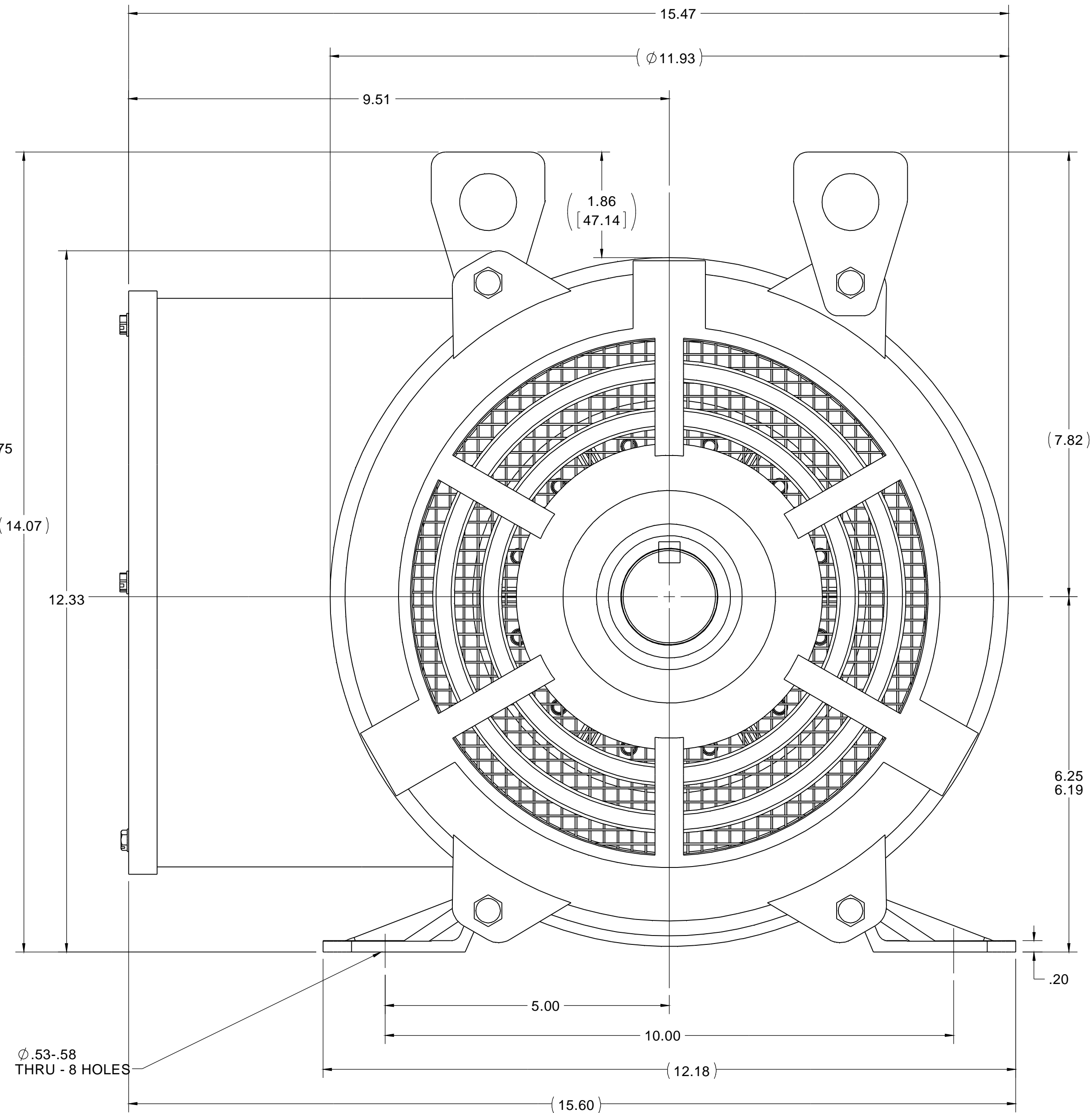
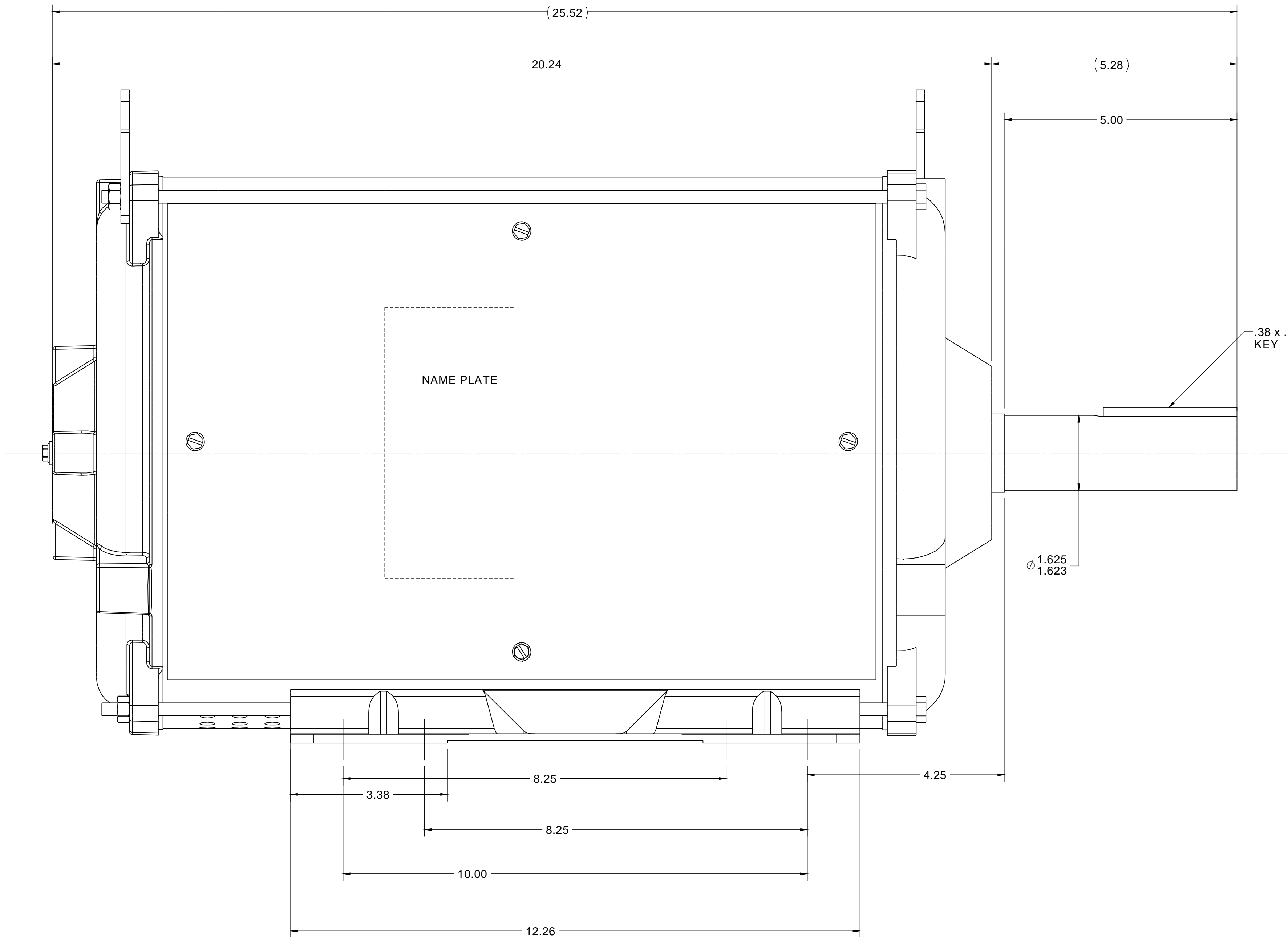
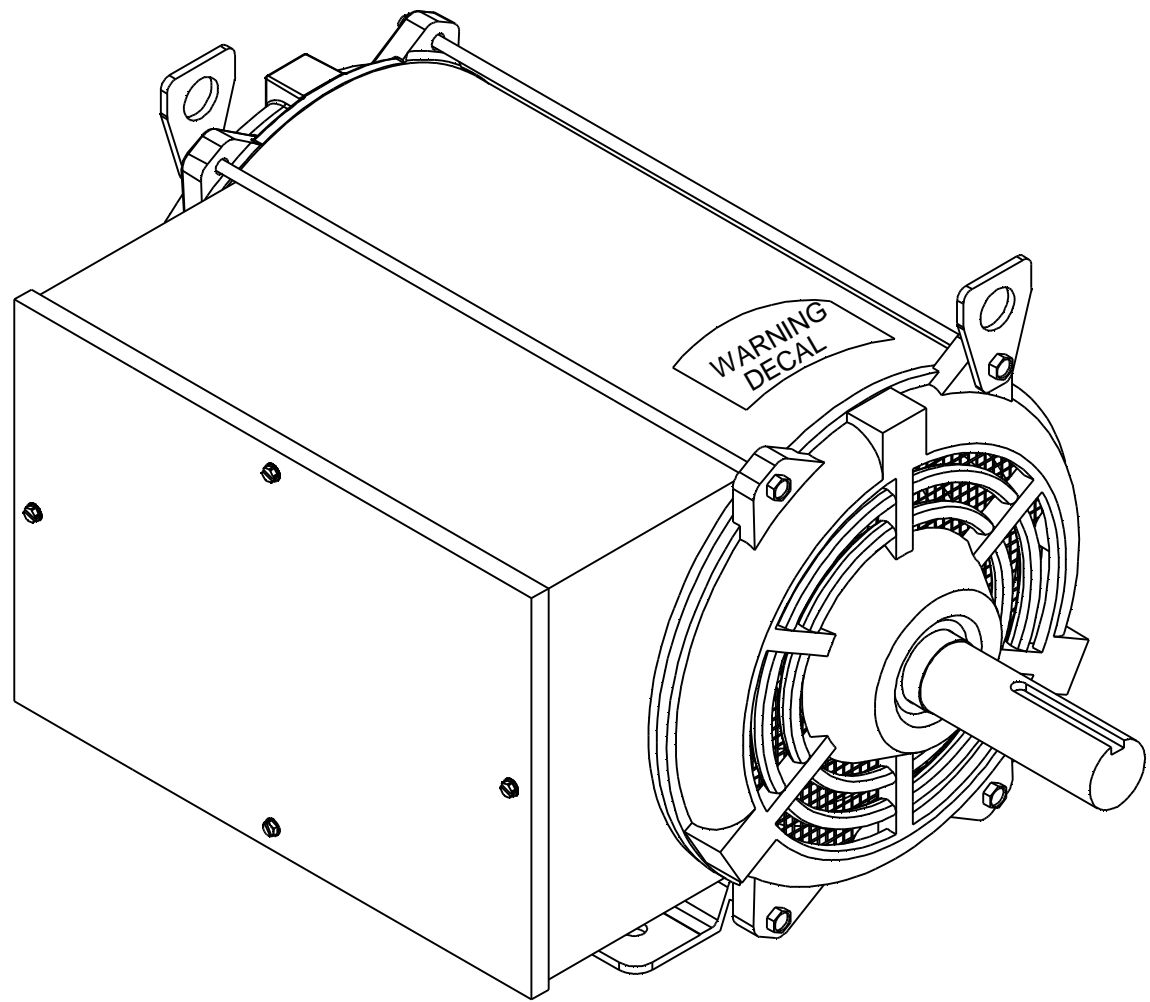
Nameplate Specifications

Phase	1	Output HP	16 Hp
Output KW	11.9 kW	Voltage	208-230 V
Speed	1760 rpm	Service Factor	1.15
Frame	256TZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	70.0-61.0 A	Power Factor	93.7
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	E
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	N	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	.089 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	25.52 in
Frame Length	15.50 in	Shaft Diameter	1.625 in
Shaft Extension	5 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	D0000503	Outline Drawing	2521206-001-1550

- NOTES:
- 1 - SPECIAL CONDUIT BOX MOUNTING.
 - 2 - MOTOR VENTILATION: AIR INTAKE THROUGH OPENINGS IN THE FACE OF EACH BRACKET AND EXHAUSTED THROUGH THE VENT SLOTS ON EACH END OF THE SHELL.
 - 3 - NOT FIELD CONVERTABLE TO F2
 - 4- MOTOR NAMEPLATE MUST HAVE WIRING DIAGRAM
 - 5- MOTOR NAMEPLATE TO BE LOCATED OPOSITE OF THE CAPACITOR BOX



DRAWING REVISION E	REVISION BY SAJID	DATE 06/12/2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE X .01 [±.25] .XX .01 [±.25] XXX .0005 [±.0127] XXXX .0005 [±.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [076/381] CORNER FILLETS: .02 [51] MACHINED SURFACES: 125/3.2 mm SHOWN IN [BRACKETS]	DRAWN BY Z. BORTS	DATE 06/11/2014	APPROVED BY	DATE	REFERENCE	THIRD ANGLE PROJECTION	SIZE D	DRAWING NUMBER 2521206-001	PROCESS/FINISH	SHEET 1 OF 1
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