## PRODUCT INFORMATION PACKET



Model No: 254TTFNA14084 Catalog No: M883A

7.50 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1200 RPM, 230/460 V, 254HPV Frame, TEFC

**Vertical Pump Motors** 



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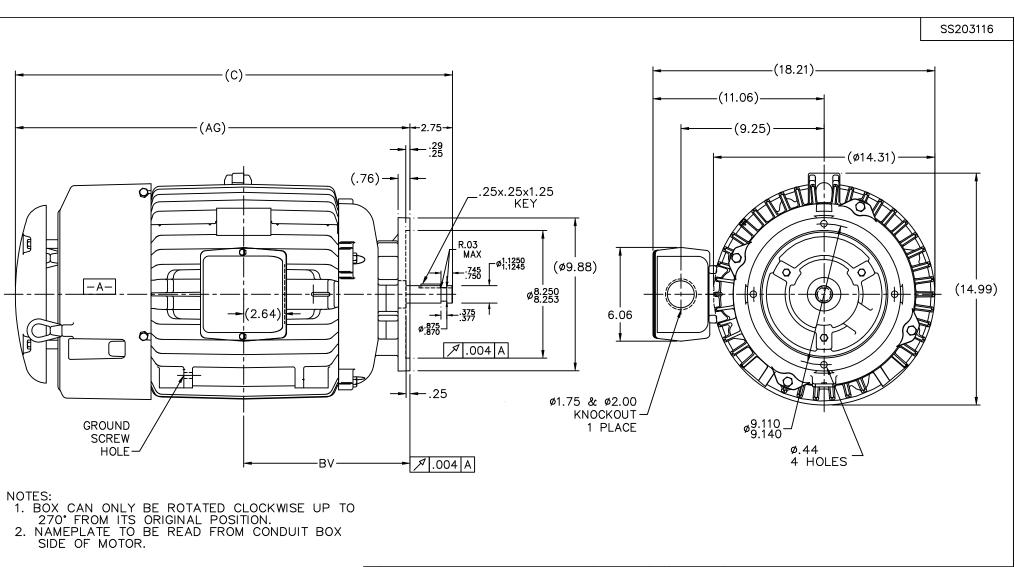
## Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230/460 V
Current	19.6/9.8 A	Speed	1175 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Frame	254HPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		
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## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	1.31 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	HP	Overall Length	28.26 in
Frame Length	12.25 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	B-SS203116-1225

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## 8 REVISED DRAWING RJW 04-04-2007 TOLERANCES UNLESS SPECIFIED DRAWN BLR 06-17-1996 DRS 06-02-2004 ML DEC. 7 ROTATED C'BOX 90° CN 32714 CHK ML 06-19-1996 INCHES DASH FRAME С AG BV 6 ADDED GROUND SCREW HOLE CN 31554 LECTRIC APPD BW 06-19-1996 TJB 05-03-2001 .x ±.1 SCALE TITLE OUTLINE - TEFC 5 .29/.25 WAS .19/.25 CN 29300-133 DRS 09-05-2000 .xx +.03 1=4 1225 28.26 25.51 10.75 254-6HP 250HP FR. - BB - TS - P'BASE REF 280 HI MT. FR. 4 UPDATED CONDUIT BOX CN 28427 TJB 01-25-2000 .xxx ±.005 3 REV. PART DESCRIPTION TEFC WAS .xxxx ±.0005 MAT'L. FMF CHK ANG ±7'30" NO. FINISH 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 SIZE DRAWING NO. PAGE OF

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