

PRODUCT INFORMATION PACKET



Model No: K119
Catalog No: K119

General Purpose Farm Duty Motor, 2.0 HP, 1 Ph, 60 Hz, 230/115 V, 1800 RPM, Y182TZ Frame, TEFC



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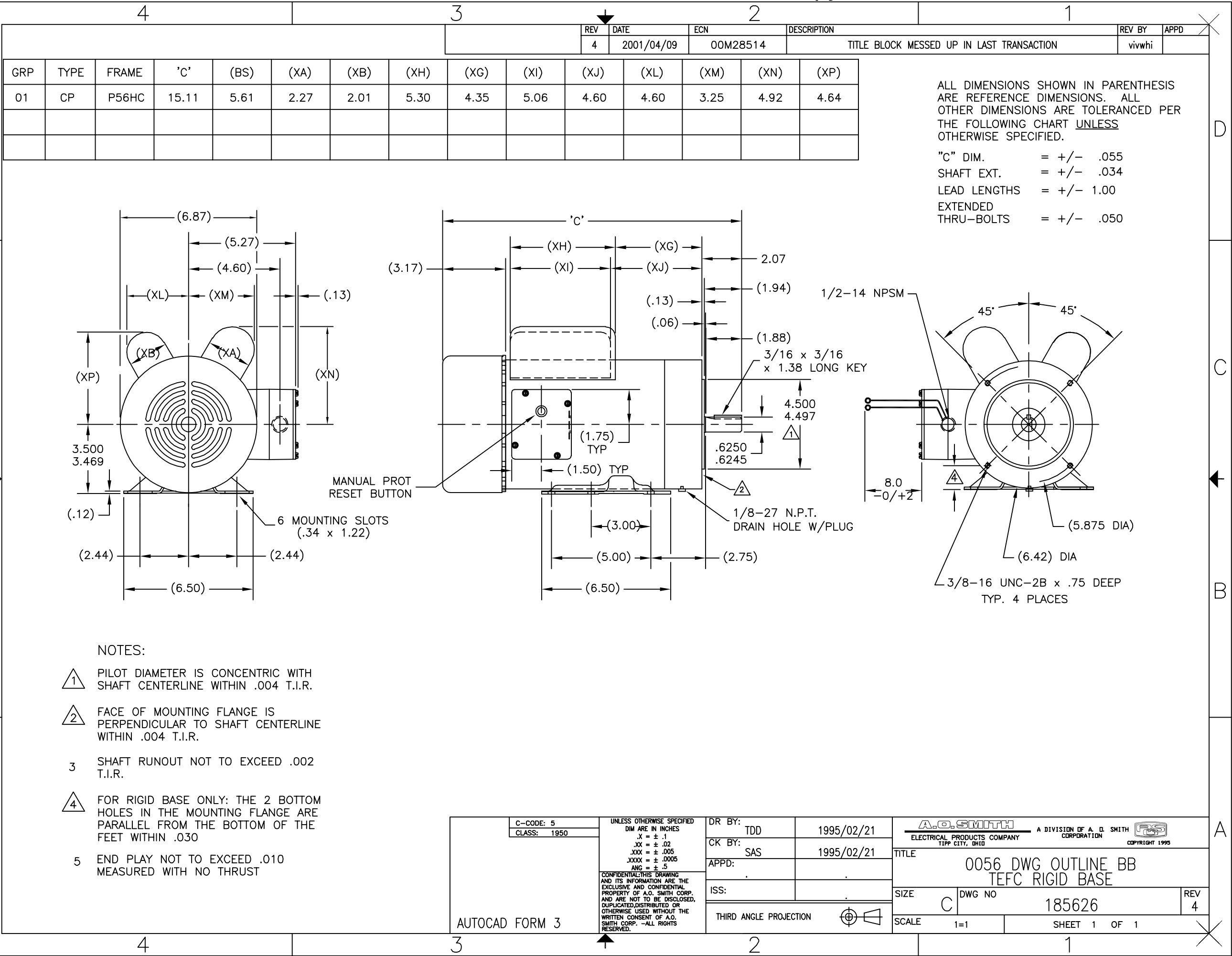
Nameplate Specifications

Output HP	2.0 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/115 V
Current	8.7/17.4 A	Speed	1725 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	Y182TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	15.11 in
Frame Length	8.00 in	Shaft Diameter	0.875 in
Shaft Extension	2.07 in		
Connection Drawing	17050307.PCX	Outline Drawing	18558301

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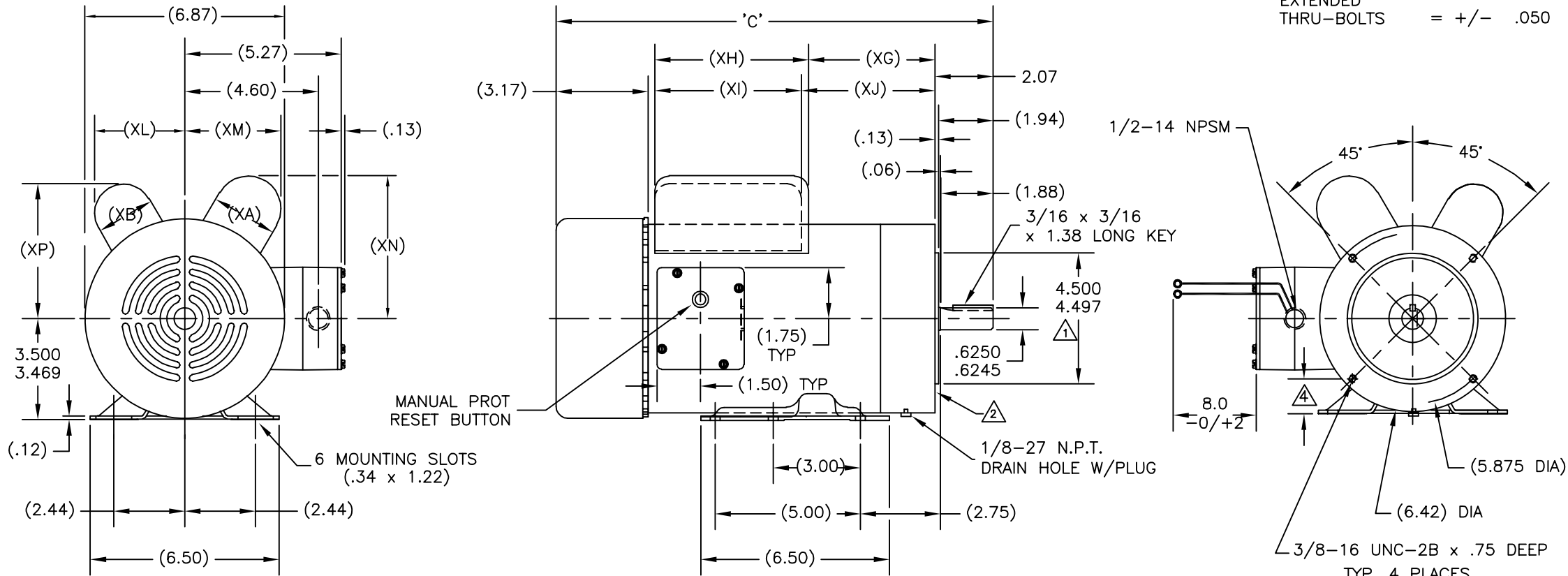
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REV		DATE	ECN	DESCRIPTION	REV BY	APPD
4		2001/04/09	OOM28514	TITLE BLOCK MESSSED UP IN LAST TRANSACTION	vivwhi	

GRP	TYPE	FRAME	'C'	(BS)	(XA)	(XB)	(XH)	(XG)	(XI)	(XJ)	(XL)	(XM)	(XN)	(XP)
01	CP	P56HC	15.11	5.61	2.27	2.01	5.30	4.35	5.06	4.60	4.60	3.25	4.92	4.64

ALL DIMENSIONS SHOWN IN PARENTHESIS
ARE REFERENCE DIMENSIONS. ALL
OTHER DIMENSIONS ARE TOLERANCED PER
THE FOLLOWING CHART UNLESS
OTHERWISE SPECIFIED.

"C" DIM. = +/- .055
SHAFT EXT. = +/- .034
LEAD LENGTHS = +/- 1.00
EXTENDED
THRU-BOLTS = +/- .050



NOTES:

- 1 PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004 T.I.R.
- 2 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004 T.I.R.
- 3 SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.
- 4 FOR RIGID BASE ONLY: THE 2 BOTTOM HOLES IN THE MOUNTING FLANGE ARE PARALLEL FROM THE BOTTOM OF THE FEET WITHIN .030
- 5 END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST

C-CODE: 5 CLASS: 1950		UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES .X = ± .1 .XX = ± .02 .XXX = ± .005 .XXXX = ± .0005 ANG = ± .5		DR BY: TDD 1995/02/21	A.O. SMITH ELECTRICAL PRODUCTS COMPANY TIPP CITY, OHIO		A DIVISION OF A. D. SMITH CORPORATION COPYRIGHT 1995
AUTOCAD FORM 3		CONFIDENTIAL THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. - ALL RIGHTS RESERVED.		CK BY: SAS 1995/02/21	TITLE 0056 DWG OUTLINE BB TEFC RIGID BASE		REV 4
ISS:		THIRD ANGLE PROJECTION		SIZE C	DWG NO 185626		SCALE 1=1
				SHEET 1 OF 1			

