

PRODUCT INFORMATION PACKET



Model No: B871
Catalog No: B871
1.5 HP General Purpose Motor, 1 phase, 3600 RPM, 115/230 V, 56C Frame, TEFC
Single Phase TEFC Motors



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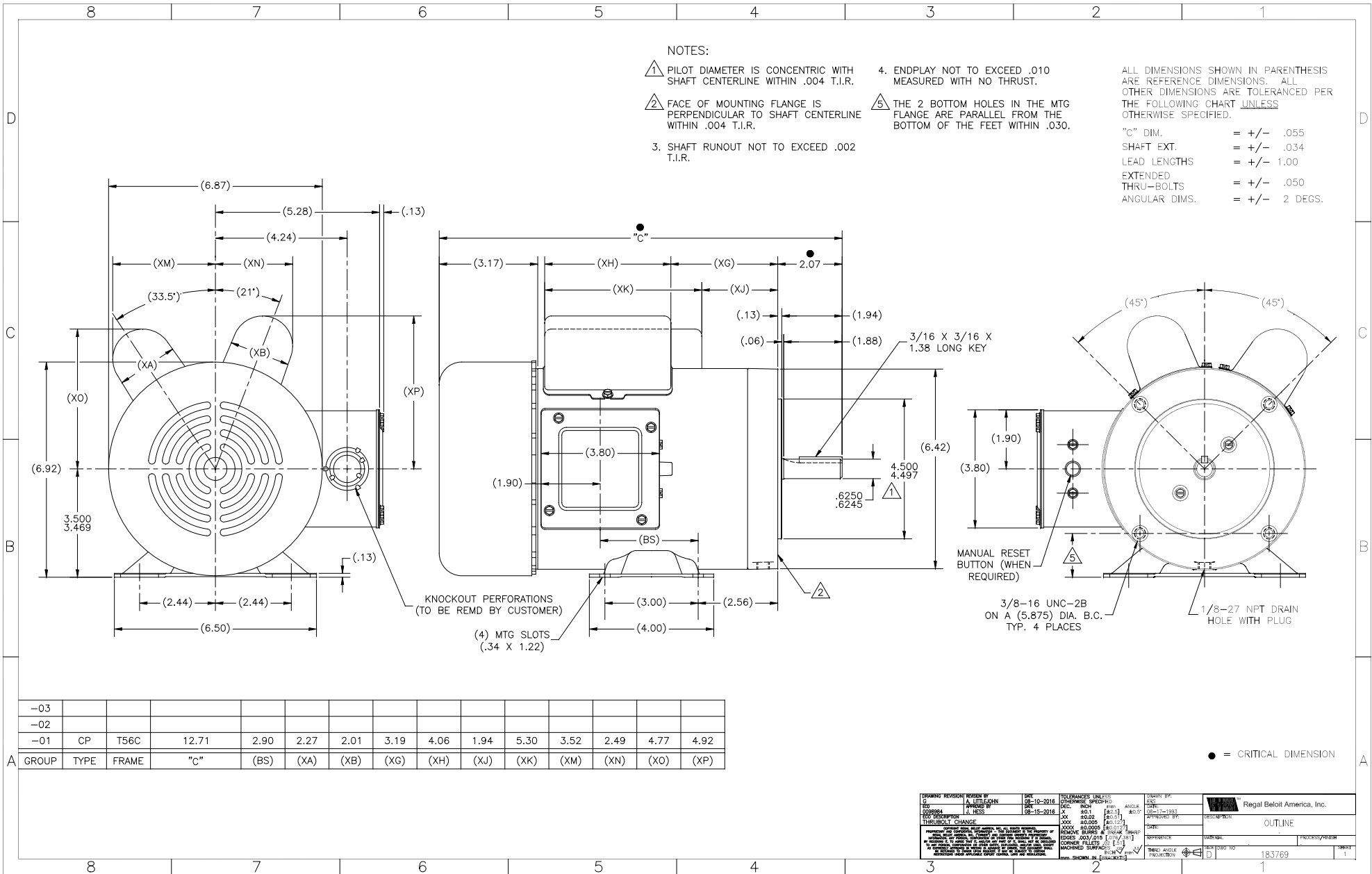
Nameplate Specifications

Output HP	1.5 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	115/230 V
Current	13.0/6.5 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	B
Frame	T56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	2	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.71 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	2.07 in		

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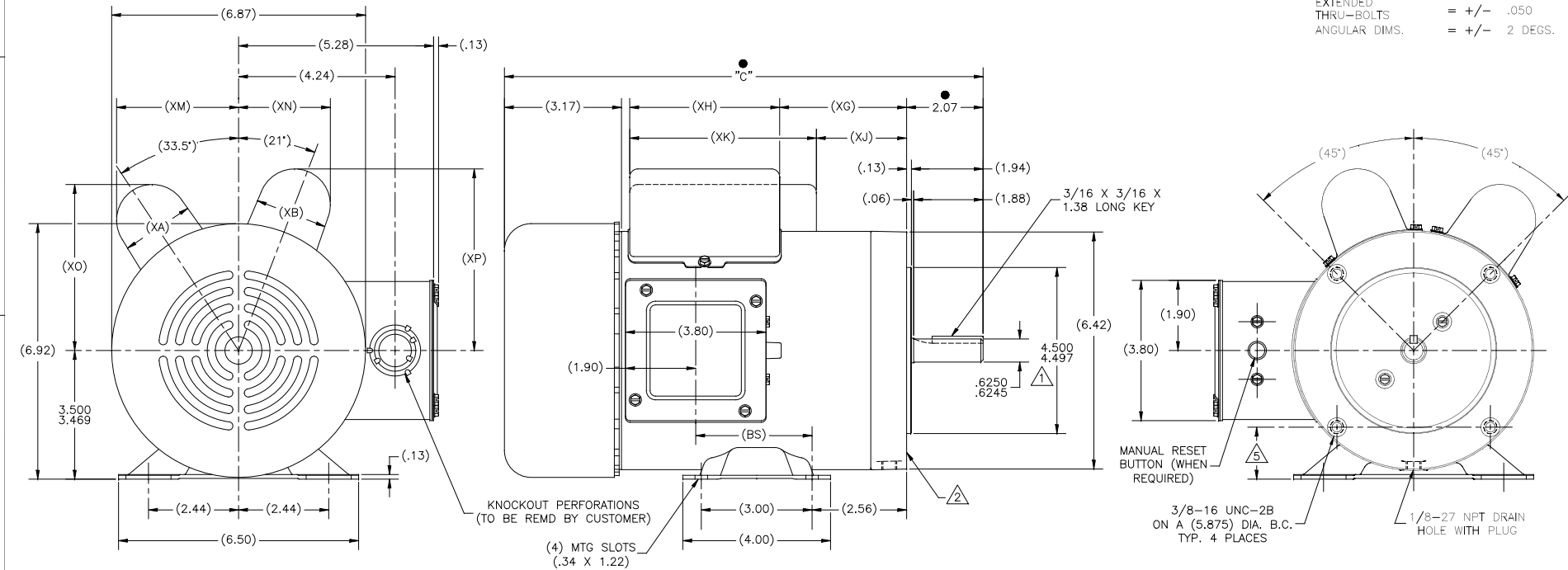


NOTES:

- 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. ENDPLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST.
- 5. THE 2 BOTTOM HOLES IN THE MTG FLANGE ARE PARALLEL FROM THE BOTTOM OF THE FEET WITHIN .030.

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
ANGULAR DIMS.	= +/- 2 DEGS.



-03																
-02																
-01	CP	T56C	12.71	2.90	2.27	2.01	3.19	4.06	1.94	5.30	3.52	2.49	4.77	4.92		
A	GROUP	TYPE	FRAME	"C"	(BS)	(XA)	(XB)	(XG)	(XH)	(XJ)	(XK)	(XM)	(XN)	(XO)	(XP)	

● = CRITICAL DIMENSION

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	SCALE	DRAWN BY
0	A. LITTLETON	08-10-2016	DEC. INCH	AS SHOWN	J. HESS
1	J. HESS	08-15-2016	XX .001 [±.01]		
			XX .002 [±.02]		
			XX .005 [±.05]		
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