

PRODUCT INFORMATION PACKET



Model No: B381

Catalog No: B381

Air Compressor Motor, 2 SPL HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, M56 Frame, DP



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Nameplate Specifications

Phase	1	Output HP	2 SPL Hp
Output KW	1.5 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.00
Frame	M56	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
Frequency	60 Hz	Current	15.0/7.5 A
Duty	Continuous	Insulation Class	B
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	2	Rotation	Clockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.34 in
Frame Length	6.75 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Outline Drawing	172831-S01	Connection Drawing	17050305.PCX

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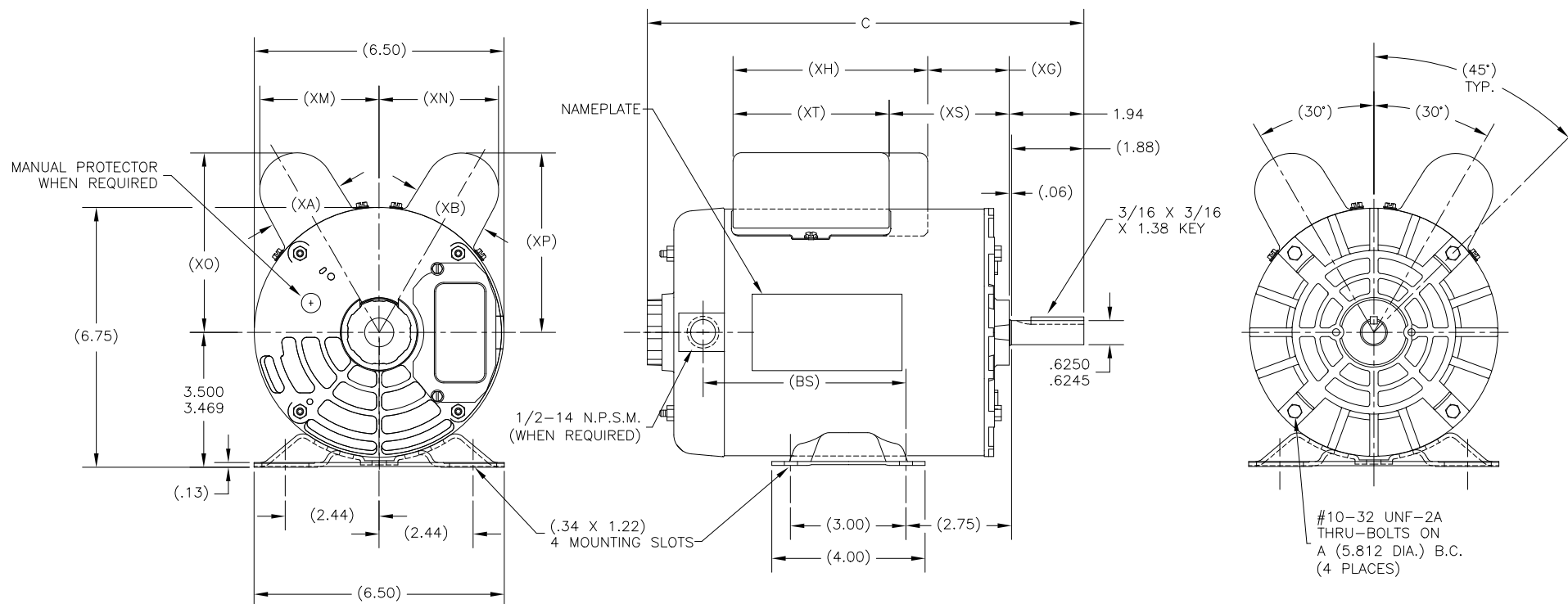
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REV	ECO	REV BY	DATE	APPD	DATE
J	ECR-0213822	D.SURYAWANSHI	11/15/2021		

GRP	TYPE	FRAME	C	(BS)	(XA)	(XB)	(XG)	(XH)	(XM)	(XN)	(XO)	(XP)	(XS)	(XT)
01	CP	M56	11.34	5.27	2.01	2.01	2.12	5.06	3.09	3.09	4.64	4.64	3.12	4.06
02	CP	N56	11.84	5.77	2.27	2.01	2.37	5.30	3.33	3.09	4.92	4.64	3.62	4.06

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



GEOMETRIC CHARACTERISTICS & SYMBOLS
□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⊘ CYLINDRICITY
△ PROFILE OF ANY SURFACE
— PROFILE OF ANY LINE
/ RUNOUT
⊕ TRUE POSITION
⊙ CONCENTRICITY
= SYMMETRY

ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:
INCH ±.1 ±.02 ±.005 ±.0005
mm ±0.5 ±0.13 ±0.013
ANG. ±50 DEG
REMOVE BURRS & BREAK SHARP EDGES:
INCH .003-.015 mm 0.1-0.4
CORNER FILLETS TO:
INCH .020 mm 0.5
MACHINE SURFACES:
INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

GS

08-13-1985

APPD:

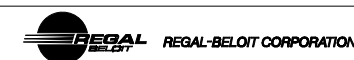
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09-18-1986

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
FORMAT REV G

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DESCRIPTION

MODEL-CFHP-56FR
OUTLINE

SIZE

C

DWG NO

172831

SCALE NONE

SHEET 1

4

3

2

3 of 3

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