

PRODUCT INFORMATION PACKET



Model No: C313

Catalog No: C313

1.0 HP General Purpose Farm Duty Motor, 1 phase, 1800 RPM, 230/115 V, 56 Frame, TEFC
General Purpose Farm Duty Motors



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Nameplate Specifications

Output HP	1.0 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/115 V
Current	6.0/12.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	B
Frame	L56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start, Induction 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	13.36 in
Frame Length	6.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Outline Drawing	189148-S01	Connection Drawing	17050307.PCX

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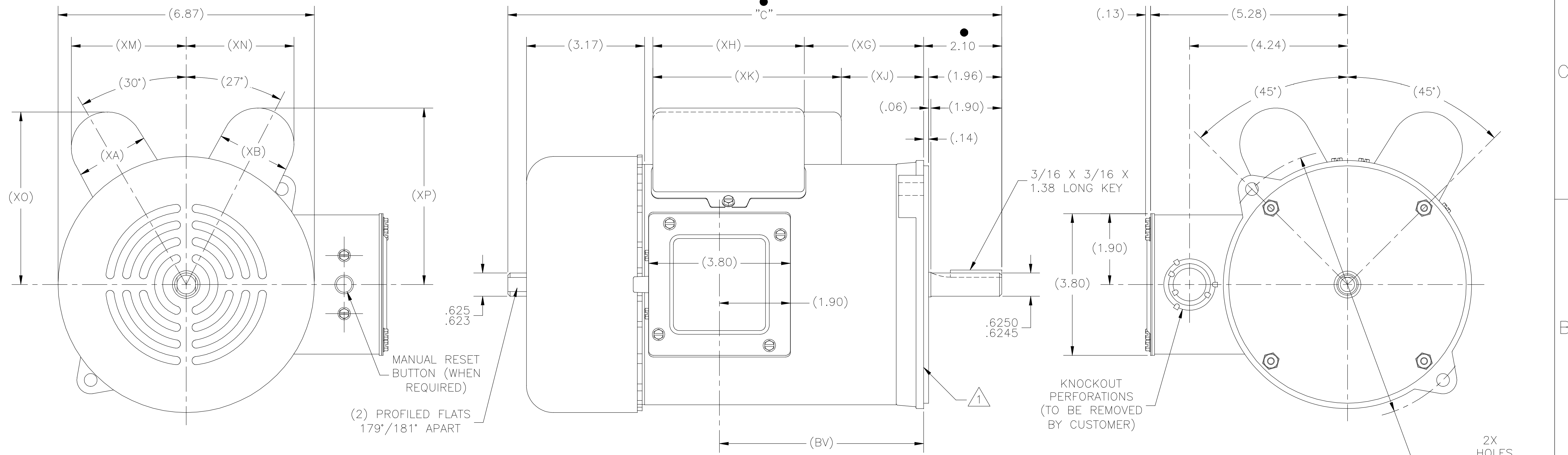
	8		7		6		5		4		3		2		1
GROUP	TYPE	FRAME	"C"	(BS)	(XA)	(XB)	(XG)	(XH)	(XJ)	(XK)	(XM)	(XN)	(XO)	(XP)	
-01	CP	P56N	14.49	6.73	2.01	2.01	4.46	4.06	3.46	5.06	3.09	2.89	4.63	4.74	
-02															
-03															

NOTES:

- FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004 T.I.R.
- SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.

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.



2X HOLES
 $\phi .344[\phi 8.74]$
 ON A $\phi 7.265/7.235$
 $[\phi 184.5/183.8]$
 BOLT CIRCLE

● = CRITICAL DIMENSION

DRAWING REVISION G	REVISION BY D. SURYAWANSHI	DATE 06/26/2019	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE	DRAWN BY AMB	DATE 01-05-1997	DESCRIPTION MODEL-CFHP-56FR OUTLINE
ECO-0169531	APPROVED BY		X ±0.1 ±2.51 ±0.5°	APPROVED BY		
ECO DESCRIPTION SFP ECO			XX ±0.02 ±0.511	DATE		
			XXX ±0.005 ±0.127	REFERENCE		
			XXXX ±0.0005 ±0.0127	MATERIAL		
			REMOVE BURRS & BREAK SHARP EDGES .003/.015 1.076/.3811X45°	PROCESS/FINISH		
			CORNER FILLETS R.02 [L51]	THIRD ANGLE PROJECTION		
			MACHINED SURFACES 1/32 INCH / 1 mm	SIZE DWG NO	189148	SHEET 1
			mm SHOWN IN [BRACKETS]			