

PRODUCT INFORMATION PACKET



Model No: C597
Catalog No: C597

General Purpose Farm Duty Motor, 1.0-.29 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, L56H Frame, TEAO



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

Output HP	1.0-.29 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230 V
Current	5.3/3.0 A	Speed	1725/1140 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	L56H	Enclosure	Totally Enclosed Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2-2-VT

Technical Specifications

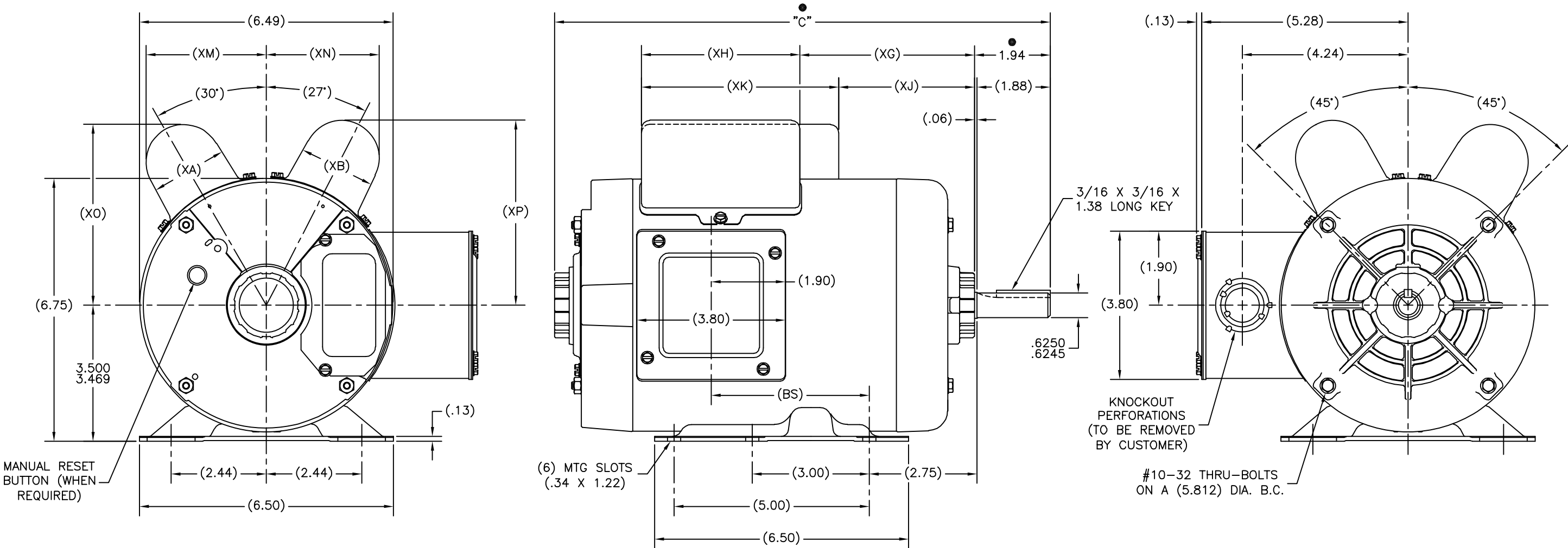
Electrical Type	Capacitor Start, Capacitor Run, MultiSpeed	Starting Method	Across The Line
Poles	4/6	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.19 in
Frame Length	6.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Connection Drawing	17050725.PCX	Outline Drawing	174086-S01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:03/15/2023

REV	ECO	REV BY	DATE	APPD	DATE
E	0025372	E.SINECIO	04-13-2012	R.RASCON	04-13-2012

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 DIM. = +/- 2°



-05														
-04														
-03	CPM	L56H	12.19	3.55	2.01	2.01	2.97	5.06	2.97	5.06	3.09	2.89	4.63	4.74
-02	CPM	N56H	13.19	4.55	2.01	2.01	3.97	5.06	3.97	5.06	3.09	2.89	4.63	4.74
-01	CPXM	M56H	12.69	4.05	2.34	1.64	4.21	4.08	3.93	4.64	3.05	2.64	4.30	4.42
GROUP	TYPE	FRAME	"C"	(BS)	(XA)	(XB)	(XG)	(XH)	(XJ)	(XK)	(XM)	(XN)	(XO)	(XP)

● = CRITICAL DIMENSION

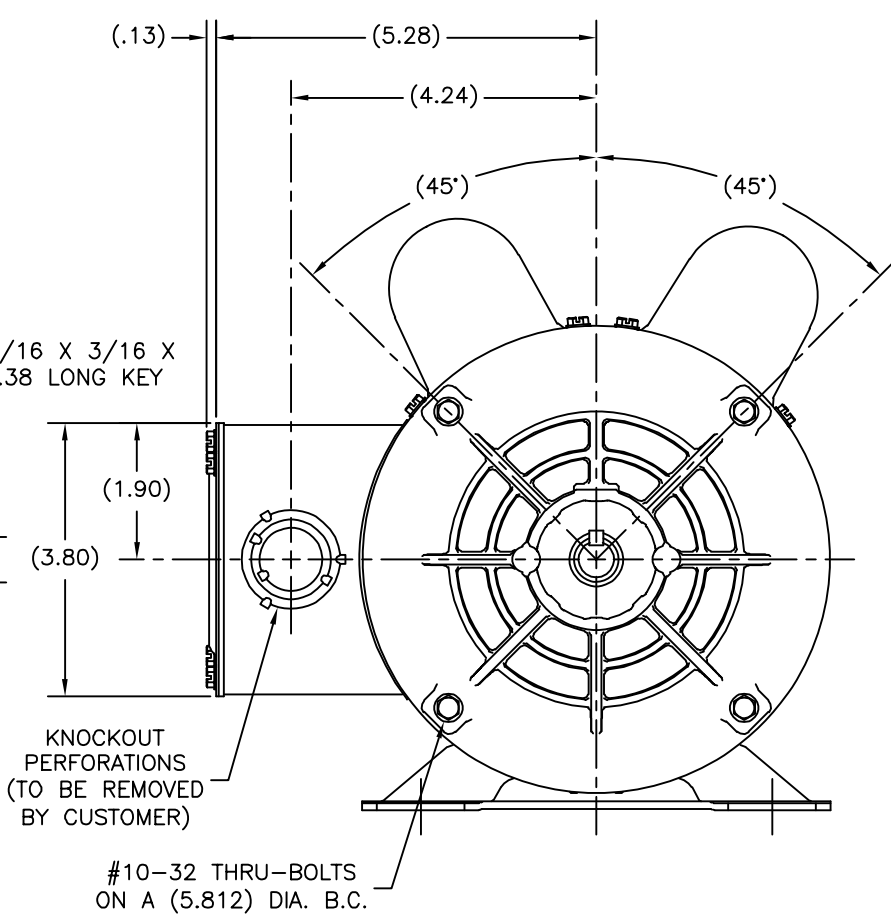
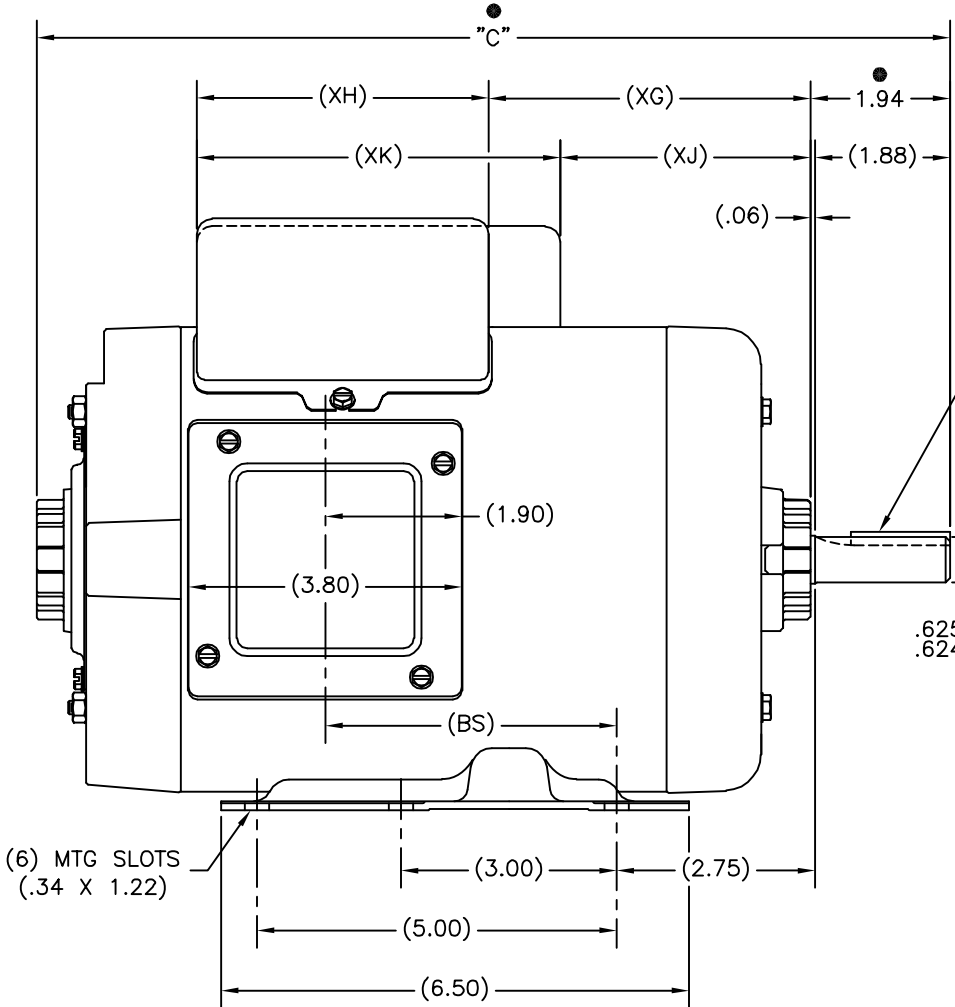
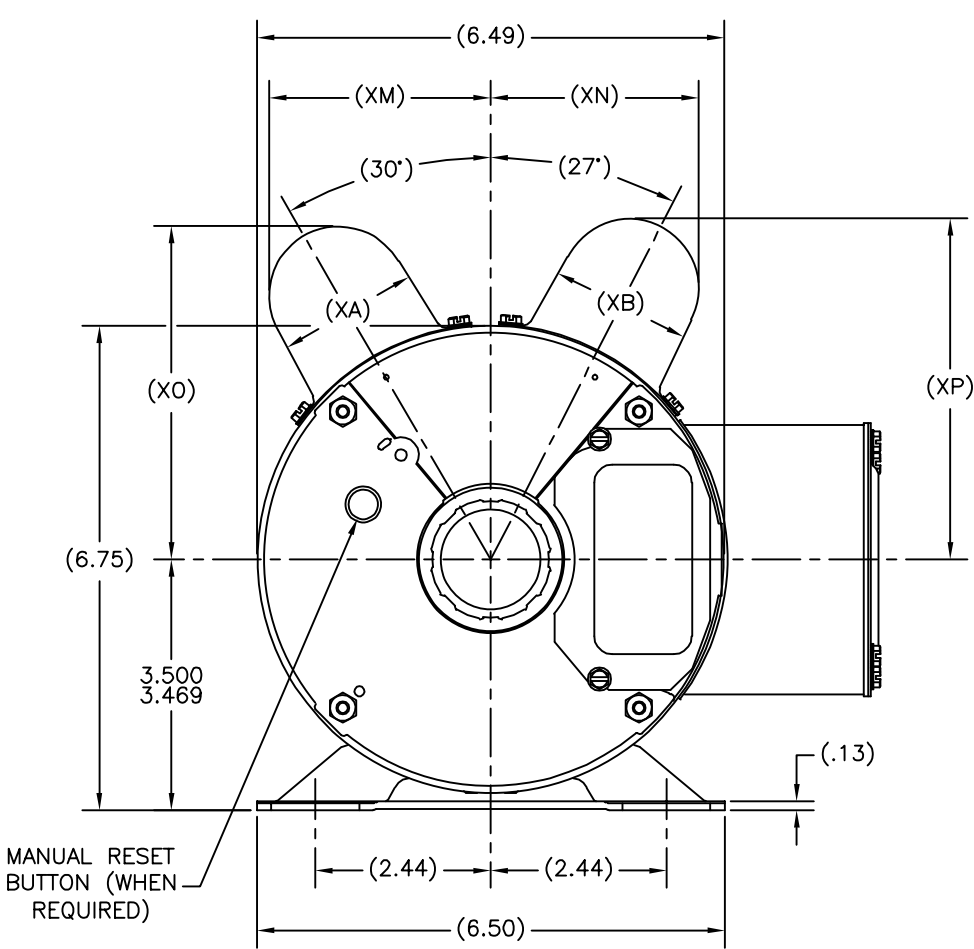
GEOMETRIC CHARACTERISTICS & SYMBOLS — FLATNESS — STRAIGHTNESS — ANGULARITY — PERPENDICULARITY (SQUARENESS) — PARALLELISM — ROUNDNESS (CIRCULARITY) — CYLINDRICITY — PROFILE OF ANY SURFACE — PROFILE OF ANY LINE — RUNOUT — TRUE POSITION — CONCENTRICITY — SYMMETRY UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES 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 ASME Y14.5M 1994 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY: PLM	12-16-1986
	APPD: MH	01-06-1987
	THRD ANGLE PROJECTION	EDS DATE 02-22-2008 FORMAT REV G
CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. -ALL RIGHTS RESERVED.		

REGAL-BELOIT CORPORATION	
DESCRIPTION MODEL-CFHP-56FR OUTLINE	
SIZE D	DWG NO 174086
SCALE NONE	SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
E	0025372	E.SINECIO	04-13-2012	R.RASCON	04-13-2012

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 DIM. = +/- 2°



-05														
-04														
-03	CPM	L56H	12.19	3.55	2.01	2.01	2.97	5.06	2.97	5.06	3.09	2.89	4.63	4.74
-02	CPM	N56H	13.19	4.55	2.01	2.01	3.97	5.06	3.97	5.06	3.09	2.89	4.63	4.74
-01	CPXM	M56H	12.69	4.05	2.34	1.64	4.21	4.08	3.93	4.64	3.05	2.64	4.30	4.42
GROUP	TYPE	FRAME	"C"	(BS)	(XA)	(XB)	(XG)	(XH)	(XJ)	(XK)	(XM)	(XN)	(XO)	(XP)

● = CRITICAL DIMENSION

CARACTERÍSTICAS DE GEOMETRIA Y SIMBOLOS

— RECTITUD

— ANGULARIDAD

— PERPENDICULARIDAD (A ESCUADRA)

— PARALELISMO

— REDONDEZ (CIRCULARIDAD)

— CILINDRICIDAD

— PERFIL DE CUALQUIER SUPERFICIE

— VARIACION

— POSICION REAL

— CONCENTRICIDAD

— SIMETRIA

ASME Y14.5M 1994

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES:

PULG. ±.1 ±.02 ±.005 ±.0005

mm ±0.5 ±0.13 ±0.013

ANG. ±50 GRADOS

ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.

PULG. .003-.015 mm 0.1-0.4

FILETEAR ESQUINA: PULG. .020 mm 0.5

MAQUINAR SUPERFICIES

PULG. 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR: PLM

12-16-1986

APROBADO POR: MH

01-06-1987

TERCER ANGULO DE PROYECCION

FECHA EDS: 02-22-2008

REV. FORMATO: G

CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION. -TODOS LOS DERECHOS RESERVADOS.

DESCRIPCION:

MODEL-CFHP-56FR

OUTLINE

TAMAÑO: D

NUMERO DE DIBUJO: 174086

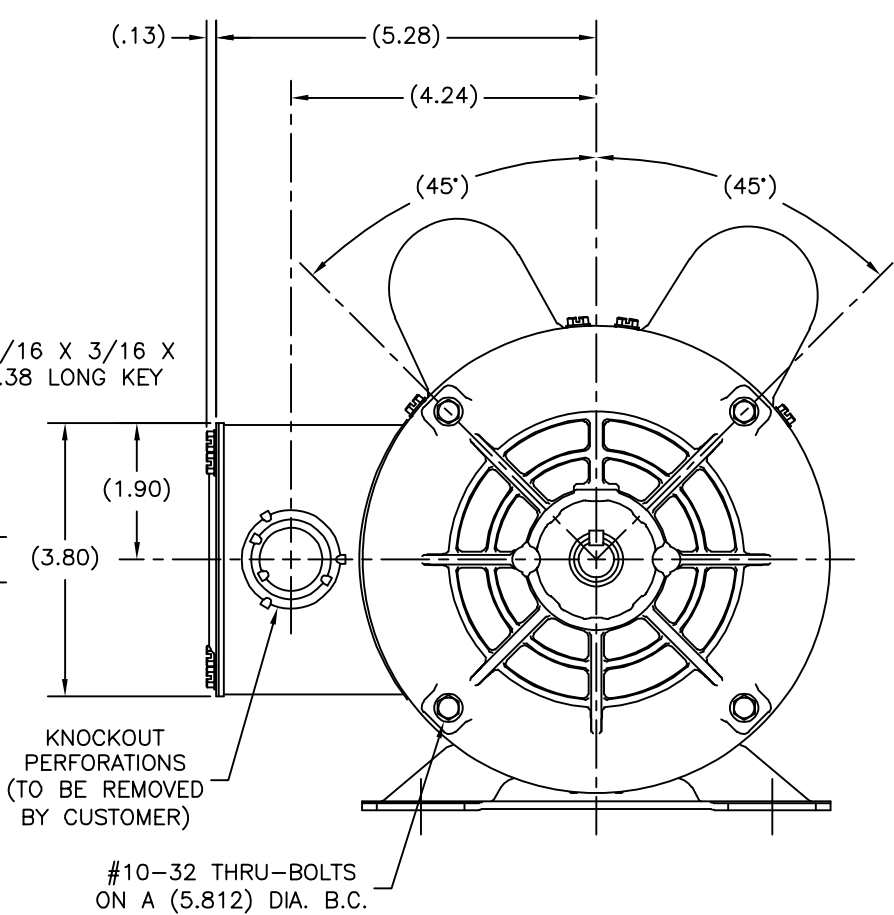
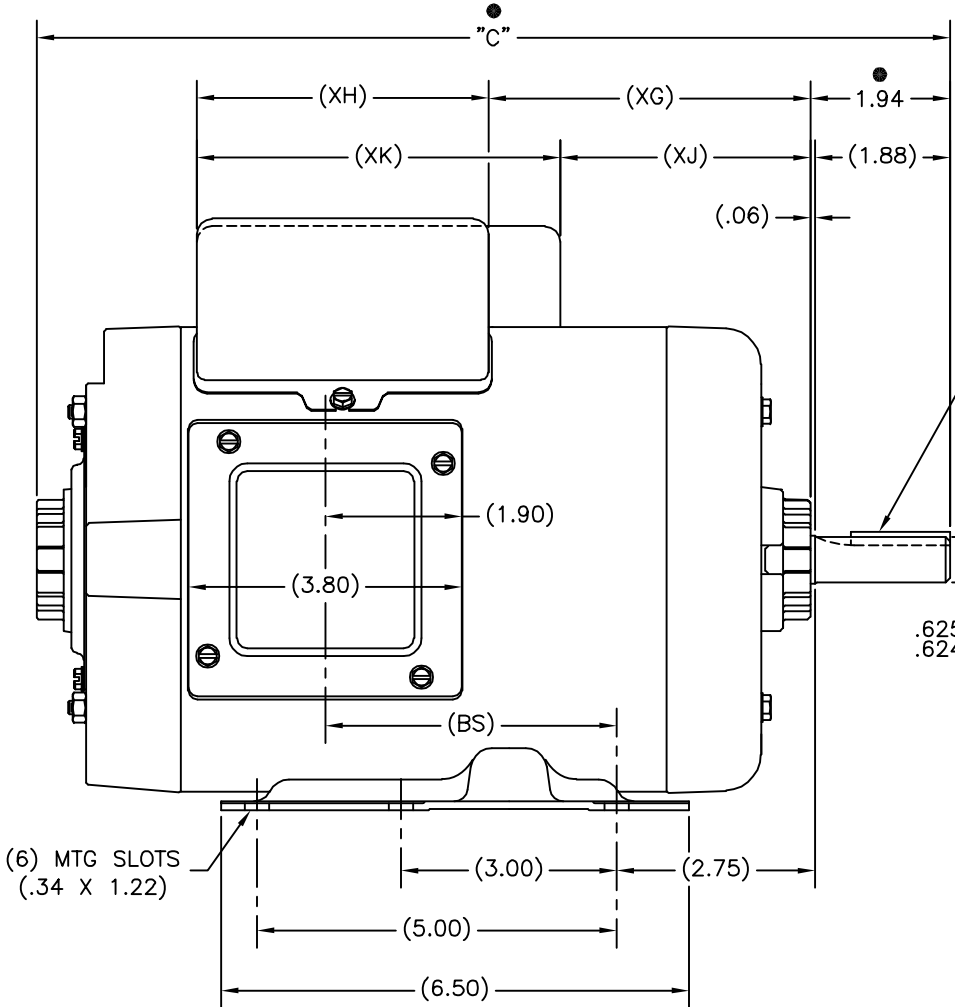
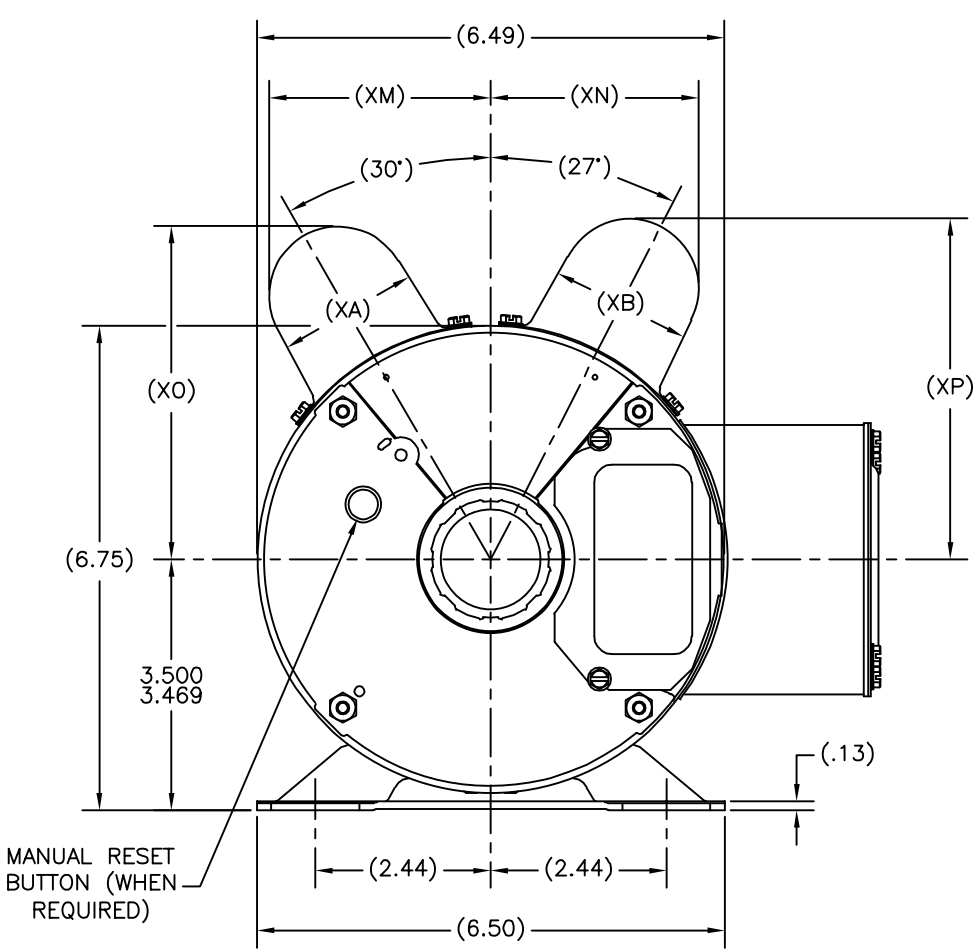
ESCALA: NONE

HOJA: 1

版本	ECO	编制	日期	批准	日期
E	0025372	E.SINECIO	04-13-2012	R.RASCON	04-13-2012

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 DIM. = +/- 2°



-05														
-04														
-03	CPM	L56H	12.19	3.55	2.01	2.01	2.97	5.06	2.97	5.06	3.09	2.89	4.63	4.74
-02	CPM	N56H	13.19	4.55	2.01	2.01	3.97	5.06	3.97	5.06	3.09	2.89	4.63	4.74
-01	CPXM	M56H	12.69	4.05	2.34	1.64	4.21	4.08	3.93	4.64	3.05	2.64	4.30	4.42
GROUP	TYPE	FRAME	"C"	(BS)	(XA)	(XB)	(XG)	(XH)	(XJ)	(XK)	(XM)	(XN)	(XO)	(XP)

● = CRITICAL DIMENSION

形位公差 — 平面度 — 直线度 — 倾斜度 — 垂直度 — 平行度 — 圆度 — 圆柱度 — 面轮廓度 — 线轮廓度 — 圆跳动 — 位置度 — 同轴度 — 对称度	除另有注明 尺寸公差如下: 英寸 X XX XXX XXXX 毫米 ±.1 ±.02 ±.005 ±.0005 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4 内圆角 英寸 .020 毫米 0.5 表面粗糙度 英制 125 米制 3.2
--	---

ASME Y14.5M 1994

米制尺寸显示在[]

绘图:	PLM	12-16-1986
批准:	MH	01-06-1987
第三角投影		图底格式发布日期 02-22-2008 图底格式版本 G
机密: 本图纸及相关信息所有权归REGAL-BELOIT CORPORATION 未经REGAL-BELOIT CORPORATION书面授权, 不得泄露、 复制、传播或作其他用途。--版权所有		

名称		MODEL-CFHP-56FR OUTLINE	
图幅	D	图号	174086
比例	NONE	页号	1