



A Regal Brand

Catalog # : 098000.00

Model: C42D17FK1

Product Type: DC

Stock: Stock

Description: 1/2HP.1750RPM.NSS56C.TEFC.90V.CONT.40C.1.0SF.RIGID C.DC NEMA.C42D17FK1C

Quote: Price:

Date: 05/18/2016



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Product Type: DC

Description: 1/2HP.1750RPM.NSS56C.TEFC.90V.CONT.40C.1.0SF.RIGID C.DC NEMA.C42D17FK1C

Model: C42D17FK1

Stock: Stock

Engineering Data					
RPM	1750	HP	1/2	Serv. Factor	1.0
KW		Form Factor	1.38	Amps	5
KW2		Form Factor 2		FLA2	
Volts	90	Frame	56C		
Max Amb	40	Duty	CONT	TYPE	DF
Insul Class	F	Enclosure	TEFC	Bearing OPE	6203
Protection	NOT	Protector		Bearing PE	6203
EFF	NOT	Torque			
UL	Yes	CSA	Yes	CE	No
Motor Wt.	25 LB	Nameplate	081259	Lubrication	POLYREX EM
Carton Label	Leeson Gen Purpose				
Assembly		Mounting	C-Face Rigid	Rotation	RECONN
Winding	D4721	Ext. Diag		Ext. Diag2	
GROUP	1 A	Shaft Dia.	5/8 IN	Packaging	PG659201.04A
Sub Group	A	Paint	305000.01		
Test Card	1 A	Outline	027620	Cust Part No	
formlable		2RMS Amps		2	
formlable		RMS Amps			
AB Code		Peak		formlable	
Resistance		Peak@DegC		formlable	
Connection		Const Torque Speed		formlable	
		Range			
4Explosion Proof				2Brake Motors	
Temp Op Code				FORCE	
Class		GROUP		VDC	
Class		GROUP		ADC	
Brake Coil OHMs @25 C					

Performance

Torque UOM

Torque

CURRENT (amps)

Efficiency (%)

PowerFactor

Load Curve Data

Output Pwr (HP)

RPM:

Amps

Torque (LB-IN)

Eff

Watts

Watts Loss

Volts

Load Curve Data Not Available

Quote:

Price:

Date: 05/18/2016

190 LB-IN

0

.38

0

Inertia (WK²)

18

4.8

.814

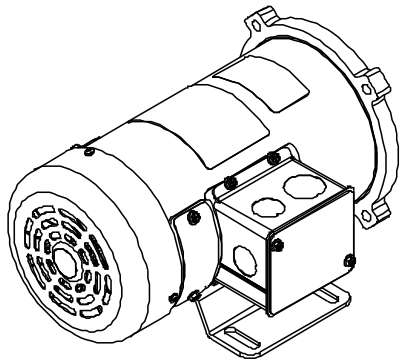
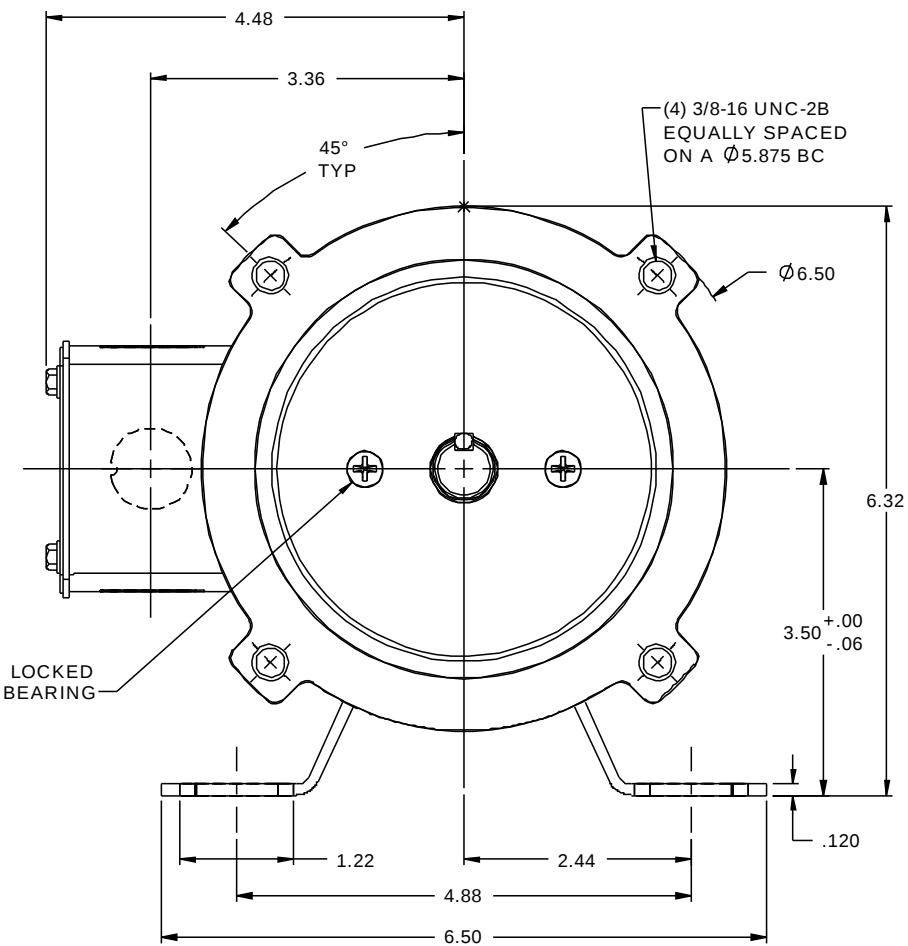
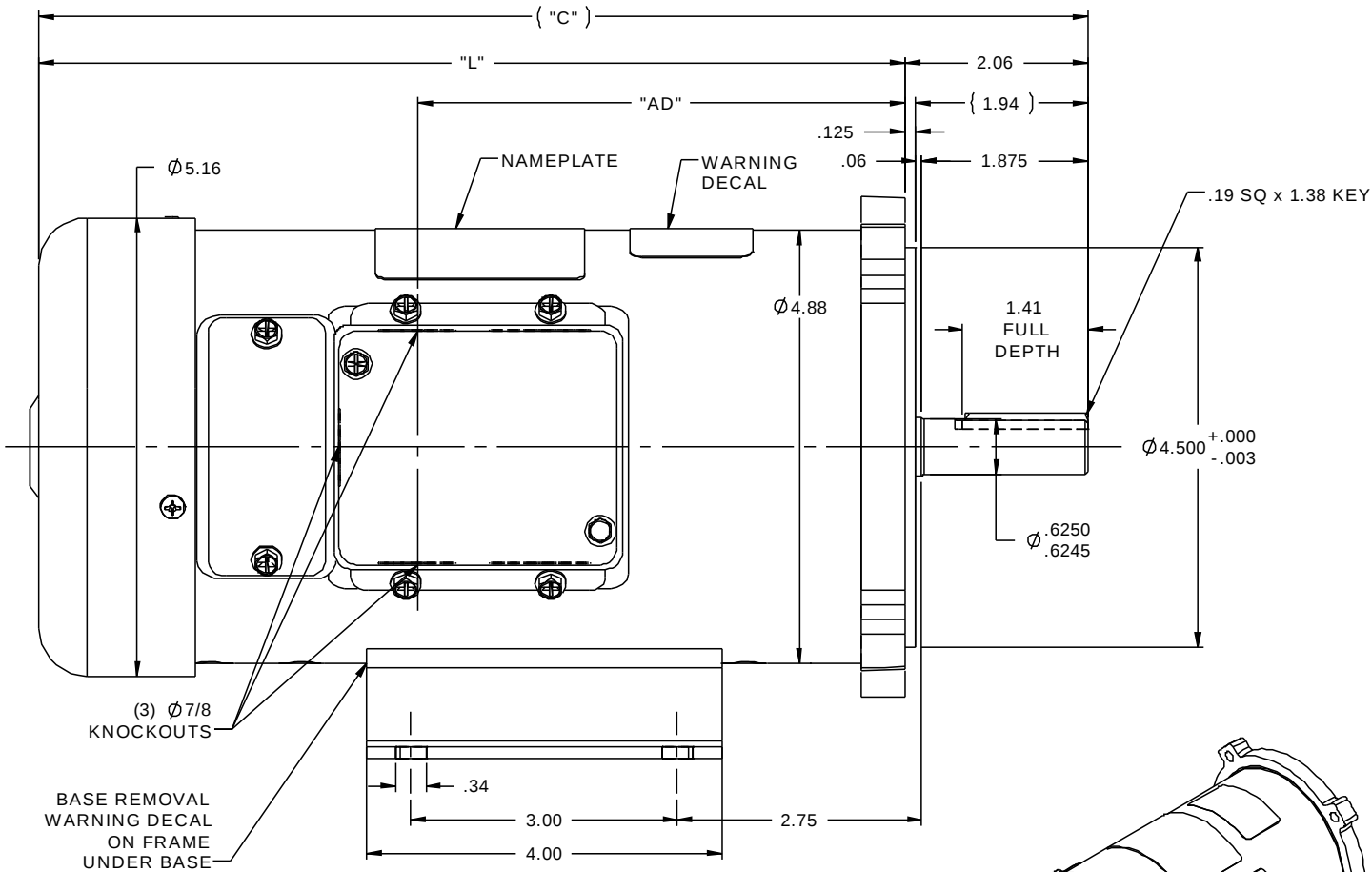
7.8 LB-IN^2

36

9.2

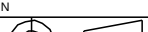
.763

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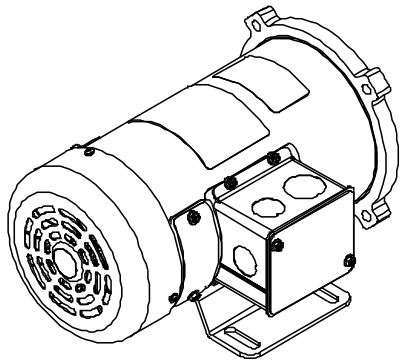
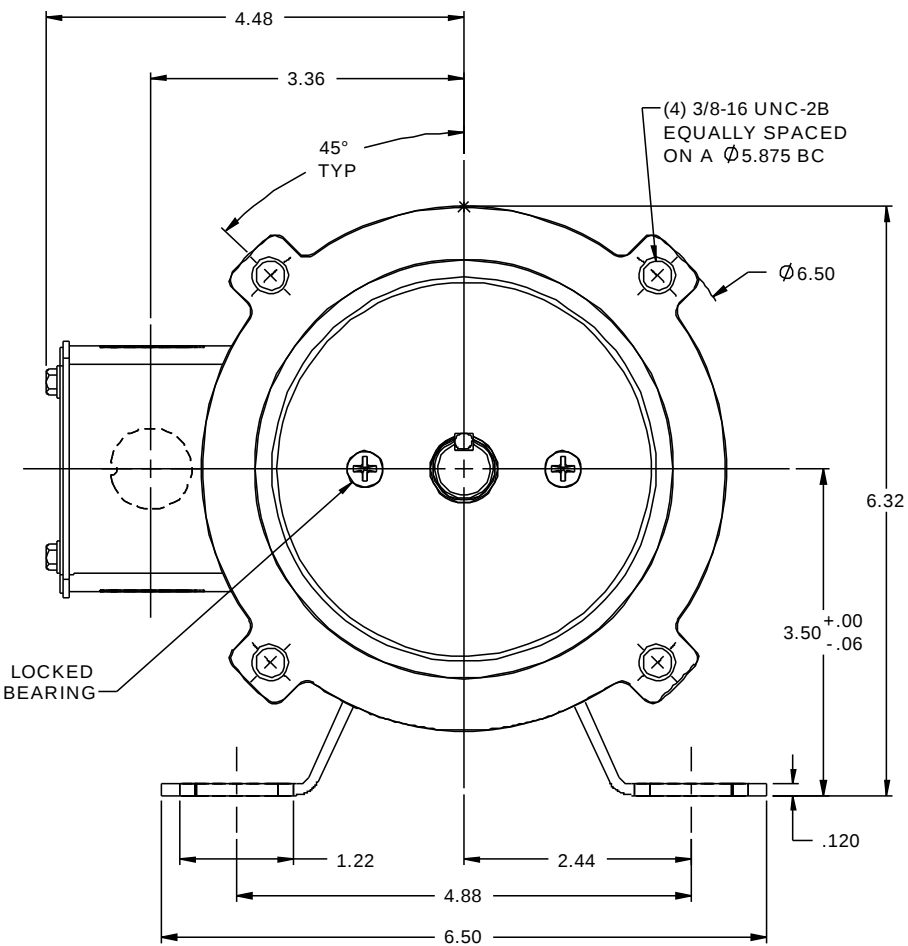
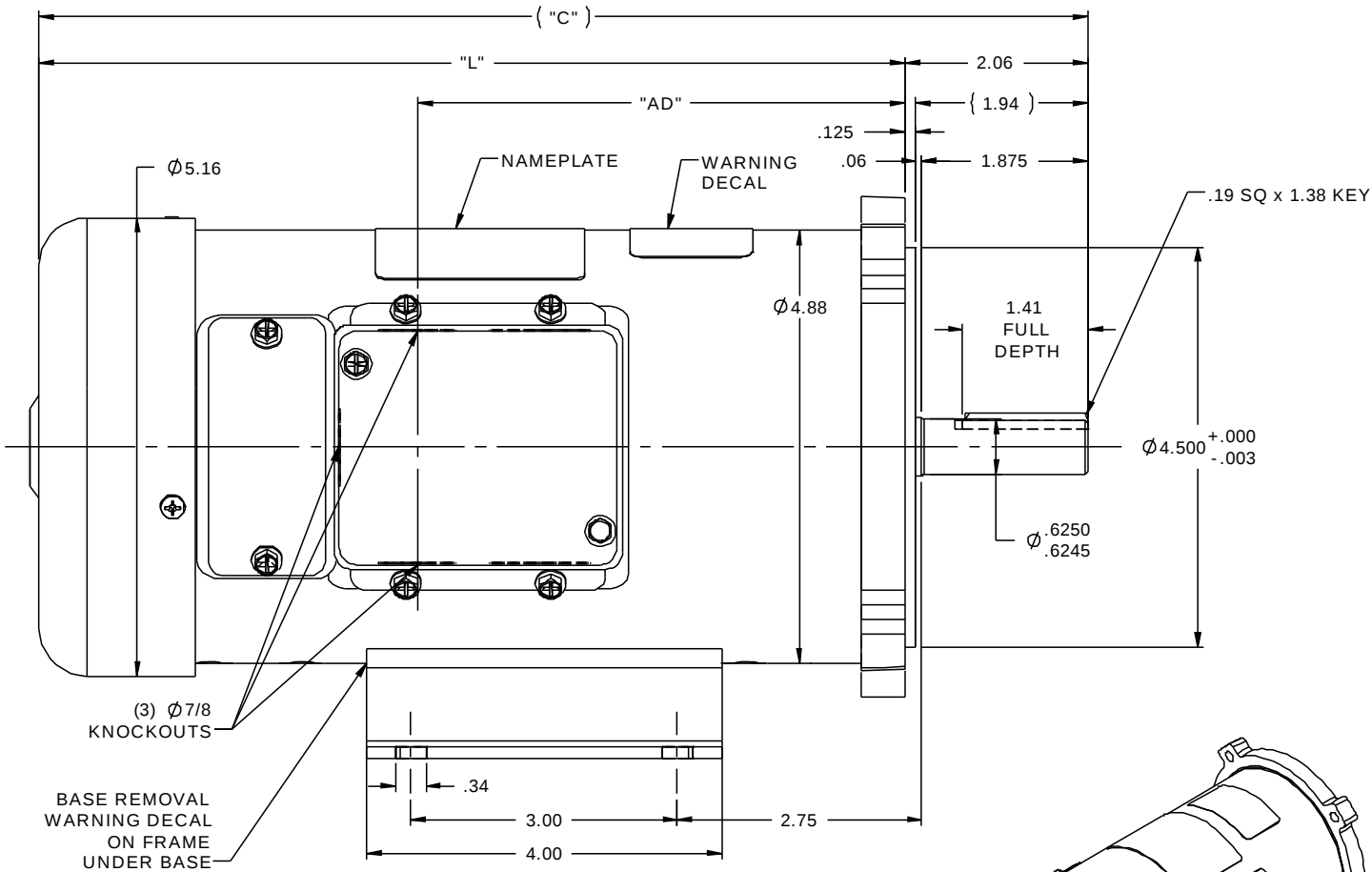


- NOTES:
1) MAXIMUM FACE RUNOUT .004 T.I.R.
2) MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
3) PERMISSIBLE SHAFT RUNOUT .002 T.I.R.
4) GASKETS THROUGHOUT.

098382.00	10.81	8.75	4.49	48	1/2	1800
098381.00	10.81	8.75	4.49	36	1/2	1800
098069.00	13.81	11.75	7.49	180	3/4	1750
098032.00	13.81	11.75	7.49	90	3/4	1750
098010.00	11.81	9.75	5.49	180	3/4	2500
098009.00	11.81	9.75	5.49	90	3/4	2500
098008.00	11.81	9.75	5.49	180	1/2	1750
098007.00	10.81	8.75	4.49	180	1/2	2500
098006.00	10.81	8.75	4.49	90	1/2	2500
098005.00	11.31	9.25	4.99	180	1/3	1750
098004.00	11.31	9.25	4.99	90	1/3	1750
098003.00	11.31	9.25	4.99	180	1/4	1750
098002.00	10.81	8.75	4.49	90	1/4	1750
098000.00	11.81	9.75	5.49	90	1/2	1750
CATALOG No.	"C"	"L"	"AD"	VOLTS	H.P.	RPM

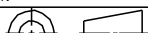
				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN JRA 5/11/95	
			DEC	INCHES			CHK	
			X	±.1			APPR	
08	REDRAWN IN SOLIDWORKS. MODIFIED TABLE PER NEW	IPG 9/8/2011	XX	±.03	TITLE OUTLINE 42 FRAME DC - SS56C MOUNT	SCALE 5:8	REF RDOUT42DC8	
	STANDARD		XXX	±.005				
07	ADDED FAN GUARD HOLE PLUG, ISAAC 10-4174	IPG 10/11/10	XXXX	±.0005	MAT'L	FMF C42D17FK1		
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE OF		
THIRD ANGLE PROJECTION 			RFP	PREV	SIZE	DRAWING NO	REV	
			NETWORK FILE NAME 027620		B	027620	08	

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CATALOG No.	"C"	"L"	"AD"	VOLTS	H.P.	RPM

				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN JRA 5/11/95	
			DEC	INCHES				CHK	
			X	±.1				APPR	
08	REDRAWN IN SOLIDWORKS. MODIFIED TABLE PER NEW STANDARD	IPG 9/8/2011	XX	±.03		TITLE OUTLINE 42 FRAME DC - SS56C MOUNT		SCALE 5:8	REF RDOUT42DC8
			XXX	±.005				REF	
07	ADDED FAN GUARD HOLE PLUG. ISAAC 10-4174	IPG 10/11/10	XXXX	±.0005		MAT'L	FMF C42D17FK1		
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF		
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