

# PRODUCT INFORMATION PACKET



Model No: 119448.00

Catalog No: 119448.00

General Purpose Farm Duty Motor, 1 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56CZ Frame, TEFC

**Operational at 115/208-230 V @60HZ**



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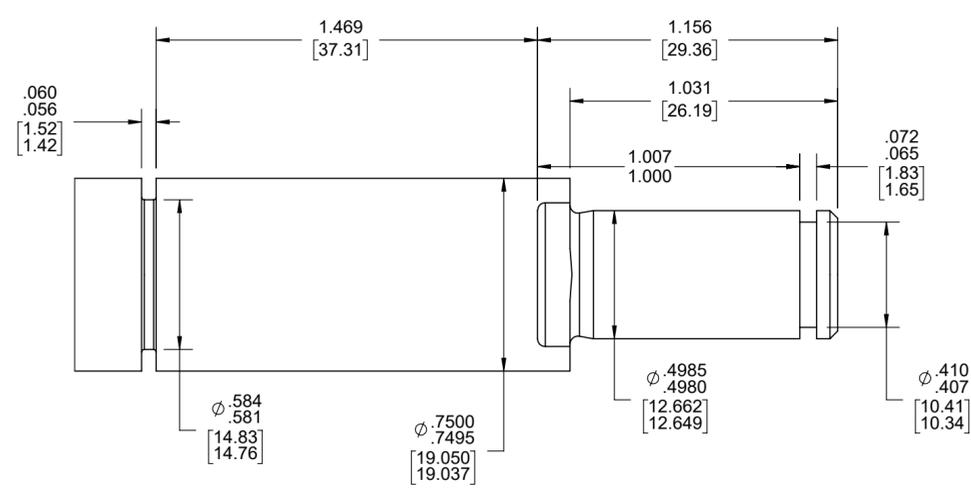
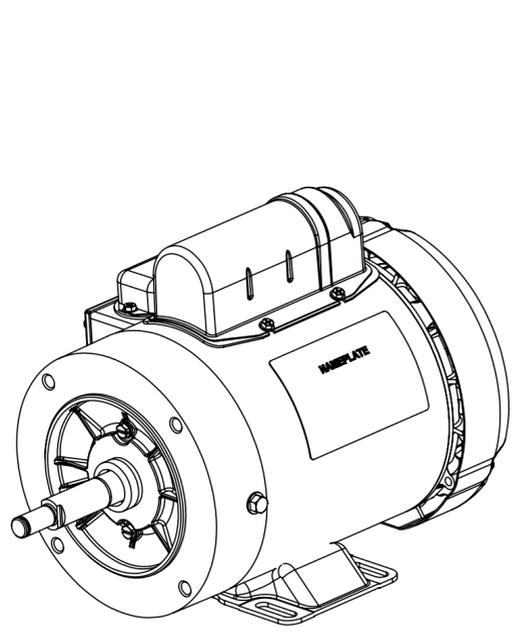
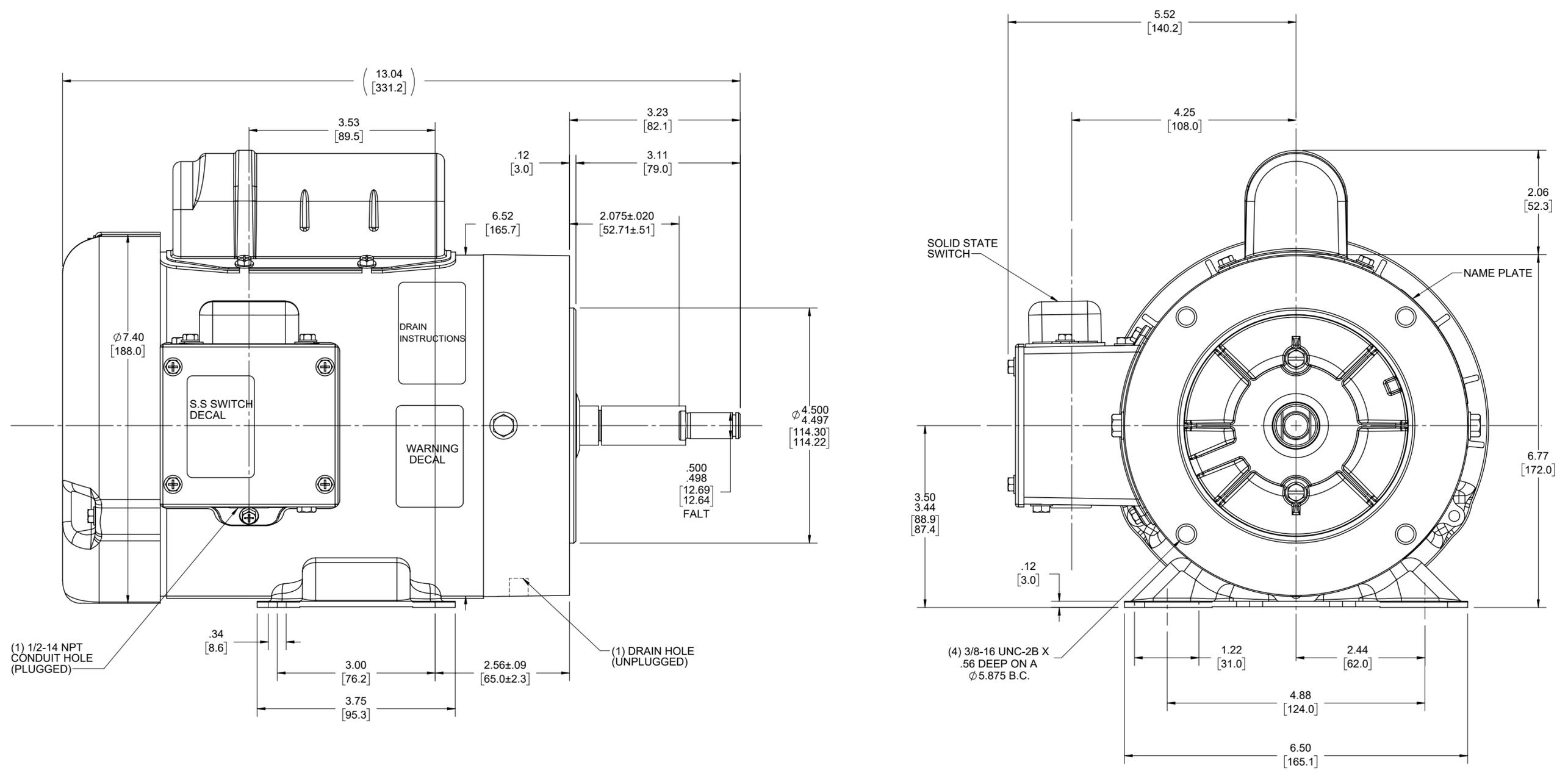


**Nameplate Specifications**

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.15
Frame	56CZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	70 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	12.0/6.0 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	J
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

**Technical Specifications**

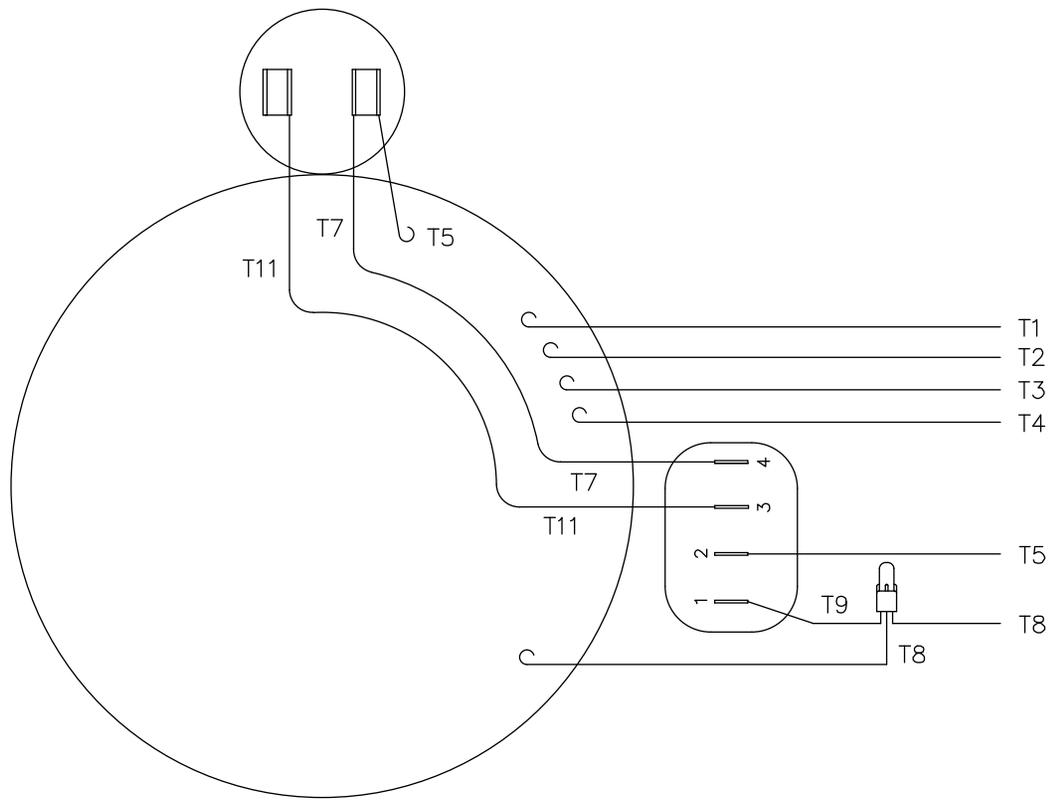
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	1.92 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	13.04 in
Frame Length	6.00 in	Shaft Diameter	0.750 in
Shaft Extension	3.11 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005278.07	Outline Drawing	OL119448



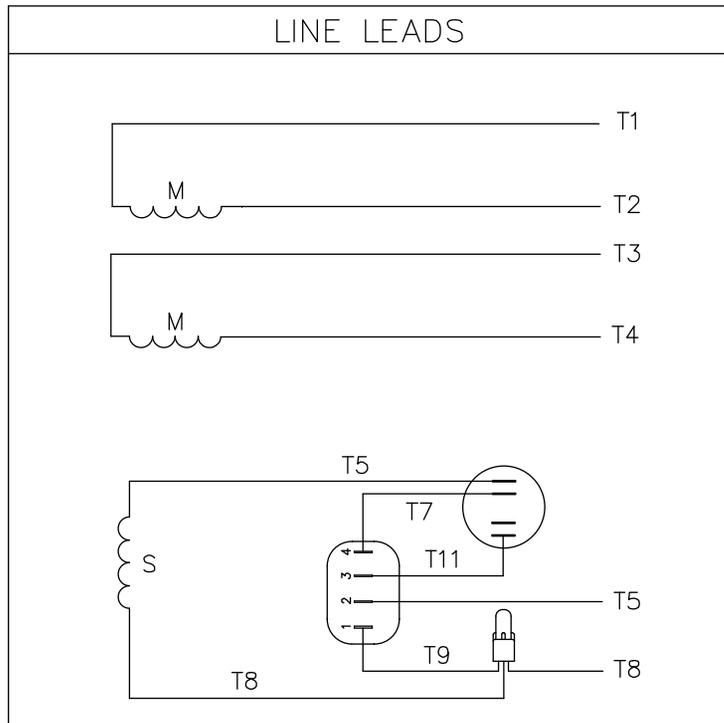
**SPECIAL FEATURES:**

- 1) SHAFT SEALS BOTH END
- 2) DRAIN HOLES IN ENDBELL & CONDUIT BOX
- 3) GASKETS THROUGHOUT
- 4) STAINLESS STEEL SHAFT, HARDWARE
- 5) (T.I.R. TO BE MEASURED PRIOR TO MOUNTING FLANGE) MAXIMUM FACE RUNOUT TO BE .004 T.I.R. MAXIMUM PILOT ECCENTRICITY .004 T.I.R. PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

DRAWING REVISION B	REVISION BY PRASHANTH	REV DATE/@ DATE 10/10/2022	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE	DRAWN BY SAJID	Regal Beloit America, Inc.
REQUEST NUMBER ECR-0221131	APPROVED BY PRADEEP	DATE 10/10/2022	.X $\pm 0.1$ [3] .XX $\pm 0.01$ [ $\pm 3$ ] .XXX $\pm 0.005$ [ $\pm 0.13$ ] .XXXX $\pm 0.0005$ [ $\pm 0.013$ ]	DATE 05/25/15	
REQUEST NUMBER DESCRIPTION UPDATED METAL TO MYLAR NAMEPLATE			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5]	APPROVED BY JD	DESCRIPTION <b>OUTLINE</b> TEFC - RIGID "C" - 56CZ FRAME
<small>COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			MACHINED SURFACES: $\sqrt{.125}$ INCH $\sqrt{3.2}$ mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DATE 05/25/15	MATERIAL
				REFERENCE OL119227	PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE C
				DRAWING NUMBER <b>OL119448</b>	SHEET 1 OF 1



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN & INSULATE
HIGH VOLT	C.C.W.	T1	T4 T5	T2,T3 T8
	C.W.	T1	T4 T8	T2,T3 T5
LOW VOLT	C.C.W.	T1,T3 T8	T2,T4 T5	
	C.W.	T1,T3 T5	T2,T4 T8	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON</b> ELECTRIC CORPORATION				
				DECIMALS						
				.00	± .01	DRAWN	TITLE			
				.000	± .005	CH'K'D.	EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR			
01	ADDED DECAL FOR STOCK MOTORS ECR 0042509	GWS	9/10/13	.0000	± .0005	APPR.	MAT'L. DECAL - 004012			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE	STOCK MOTORS TO USE DECAL 214-0122-001			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED				ANGLES	± 1/2*	REF.	FINISH		SIZE	DRAWING NO.
				INCH/MM		FMF	STANDARD		A	005278-07



**1051 CHEYENNE AVE.  
GRAFTON, WI 53024  
PH. 262-377-8810**

**CERTIFICATION DATA SHEET**

CATALOG #: 119448.00

CONN. DIAGRAM: 005278.07

OUTLINE: OL119448

MOUNTING: F1 ONLY

WINDING #: C632211 FR 3 A

**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	0.75	3600	3450	56CZ	TEFC	J	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	12/6.2-6	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	70	3/4 LOAD EFF:	68.7	1/2 LOAD EFF:	63.5	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	76	3/4 LOAD PF:	69.4	1/2 LOAD PF:	58.3	66	CAP START IND RUN		

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24 OZ-FT	68 / 34	80 OZ-FT 333 %	64 OZ-FT 267 %	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.05 LB-FT^2	0 LB-FT^2	10 SEC.	0	33 LBS.

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY - LIGHT (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	SGL SPL EXT	SPECIAL	NONE	303 STAINLESS (C-501)	ROLLED STEEL
6205	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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S

<b>INVERTER TORQUE:</b> NONE
<b>INV. HP SPEED RANGE:</b> NONE
<b>ENCODER:</b> NONE
NONE NONE
NONE NONE PPR
<b>BRAKE:</b> NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

