

PRODUCT INFORMATION PACKET



Model No: 110041.00

Catalog No: 110041.00

General Purpose Motor, 1 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC

Operational at 115/208-230 V @60HZ



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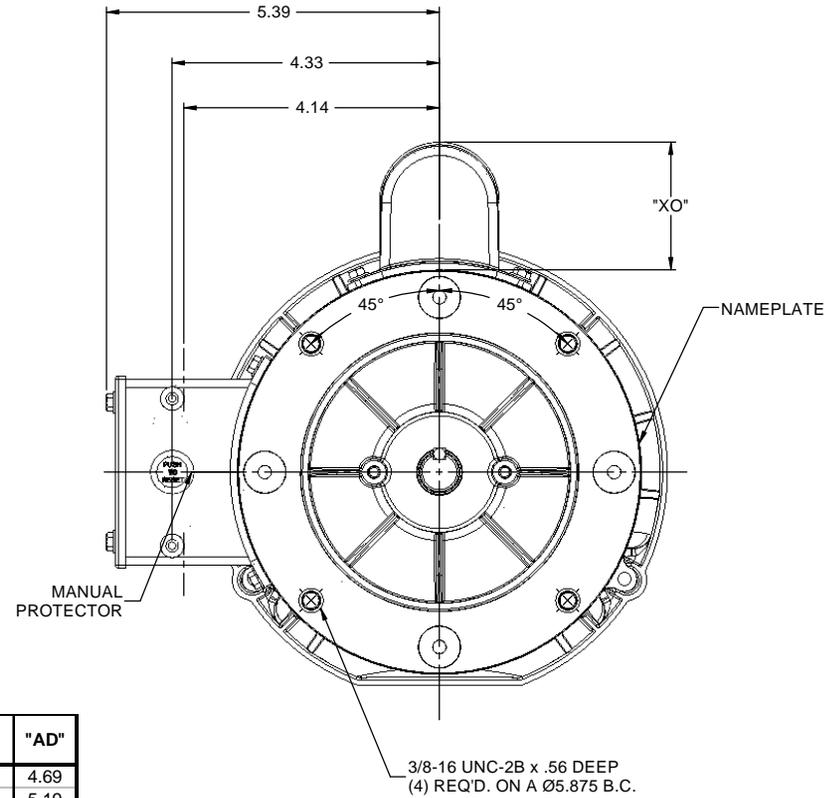
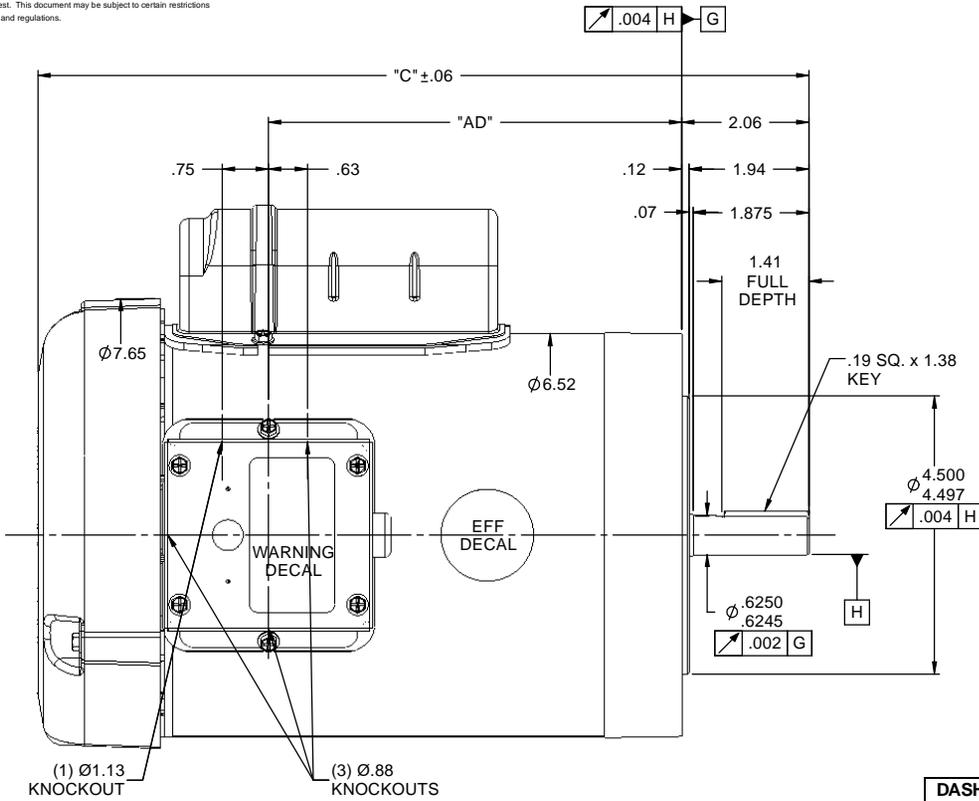
Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	75 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	12.8/6.4 A	Power Factor	68
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	1.9 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.98 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F3
Connection Drawing	005003.03	Outline Drawing	028875-650B

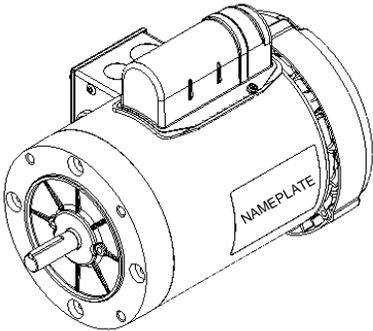
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DASH NO.	"C"	"AD"
500	10.48	4.69
550	10.98	5.19
600	11.48	5.69
650	11.98	6.19
700	12.48	6.69
750	12.98	7.19
800	13.48	7.69
850	13.98	8.19

CAP DASH	"XO"
A	1.61
B	2.08
C	2.32

NOTES:
 1) GASKETS THROUGHOUT



NO		REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PREV	SIZE	DRAWING NO	PAGE	OF	REV
									B	028875			

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES
 DRAWN GRB 08/29/2008
 CHK RVD 08/29/2008
 APPR

TITLE OUTLINE - 56C FRAME
 TEFC - "C" FACE
 SCALE 1:2
 REF 028854

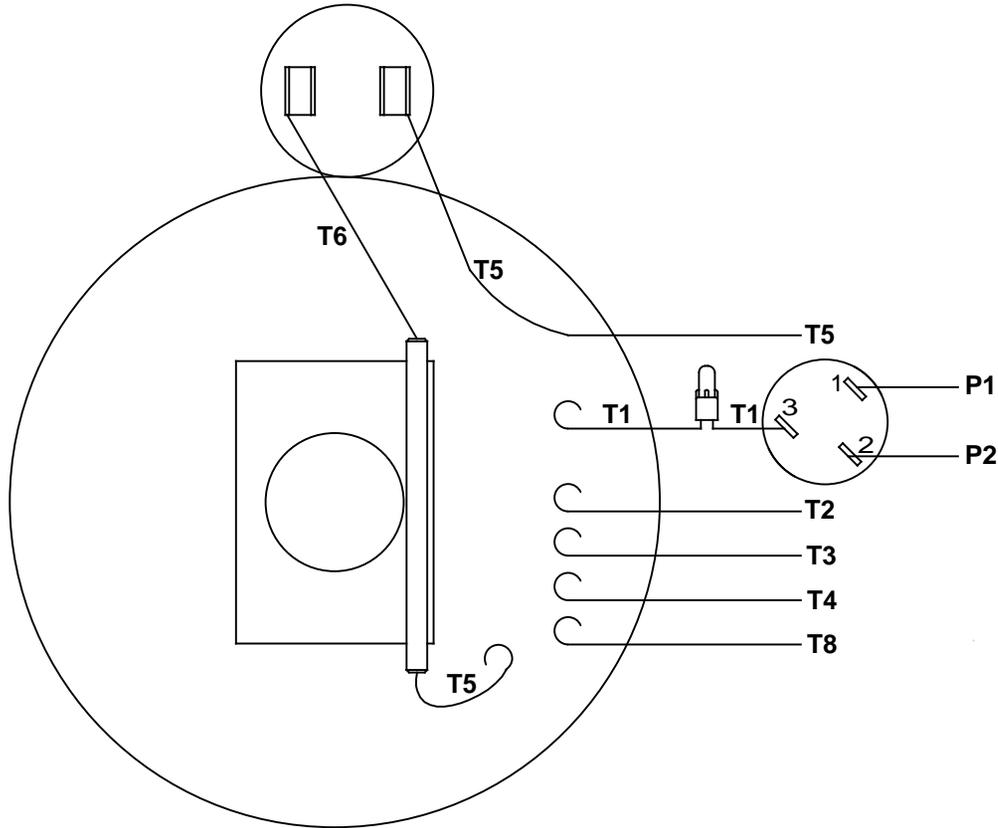
REDRAWN IN SOLID WORKS

MATL
 FINISH

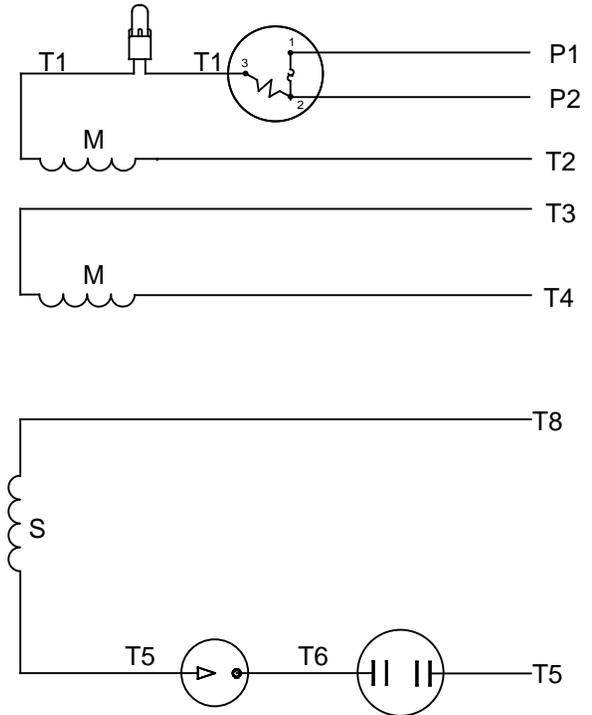
THIRD ANGLE PROJECTION

NETWORK FILE NAME
 RFP 08/29/2008
 PREV

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



LINE LEADS

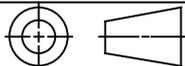


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	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	---
	C.W.	P1	T2,T4 T8	P2,T3 T5	---

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	
NO	REVISION	DEC	INCHES			WLV	08/20/79
		.X	±.1			CHK	ADN 08/27/76
		.XX	±.01			APPR	WRK 08/27/76
06	REDRAWN IN SOLIDWORKS	VJB	7/22/2011	.XXX	±.005	TITLE	EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR
05	REDRAWN ON CAD	DBT	05/27/97	.XXXX	±.0005	MAT'L	DECAL - 004011
		CHK	ANG	±1/2°	FINISH	SCALE	1:1
		RFP	PREV			REF	
		NETWORK FILE NAME	00500303	SIZE	DRAWING NO	REV	
				A	005003-03	06	

THIRD ANGLE PROJECTION





CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005003.03

CATALOG #: 110041.00

OUTLINE: 028875-650B

MOUNTING: F3

WINDING #: C634256 FR 3 D

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	0.75	1800	1725	56C	TEFC	K	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	12.8/6.4	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	75	3/4 LOAD EFF:	72.8	1/2 LOAD EFF:	69.7	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	68	3/4 LOAD PF:	58	1/2 LOAD PF:	45.6	70	CAP START IND RUN		

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3 LB-FT	66 / 33	9 LB-FT 300 %	7 LB-FT 233 %	73

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
64 dBA	74 dBA	0 LB-FT^2	0.1 LB-FT^2	10 SEC.	0	32 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

*
N
O
T
E
S

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

