

PRODUCT INFORMATION PACKET



Model No: 111955.00

Catalog No: 111955.00

Definite Purpose Motor, 1 & 0.44 HP, 1 Ph, 60 & 60 Hz, 115 & 115 V, 1800 & 1800 RPM, 56H Frame, DP



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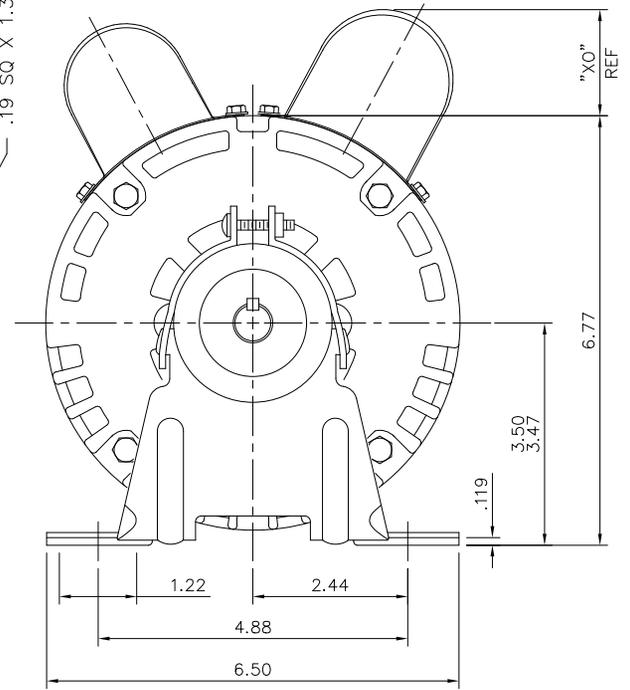
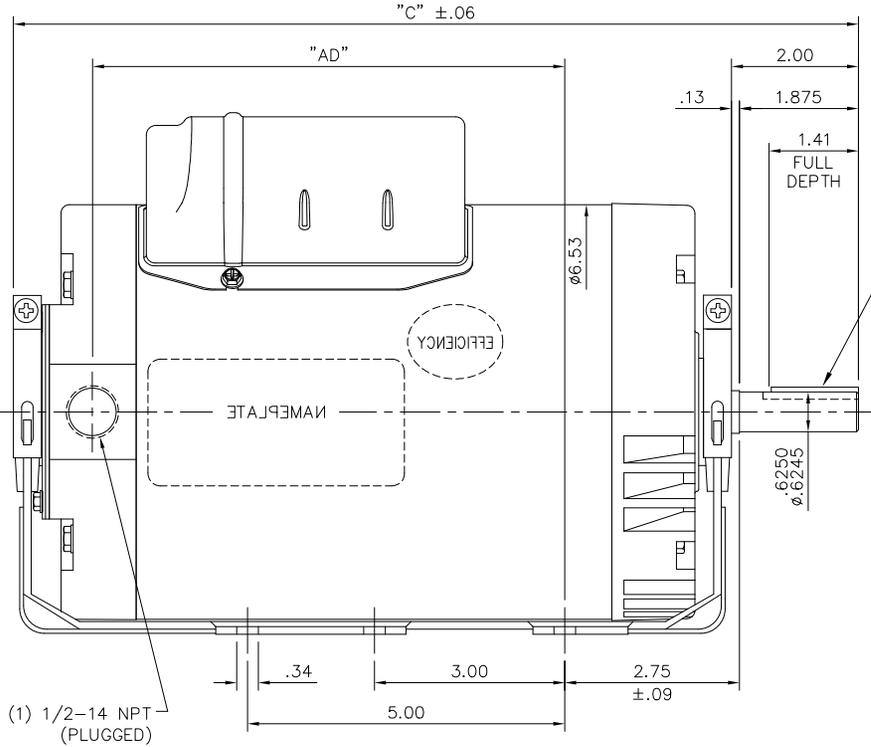
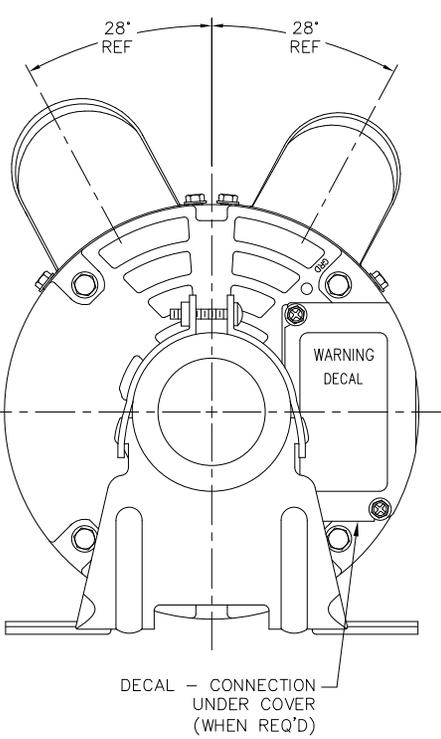


Nameplate Specifications

Phase	1	Output HP	1 & 0.44 Hp
Output KW	0.75 & 0.33 kW	Voltage	115 & 115 V
Speed	1725 & 1140 rpm	Service Factor	1.0 & 1.0
Frame	56H	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	69 & 53 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	13.2 & 9.5 A	Power Factor	77
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

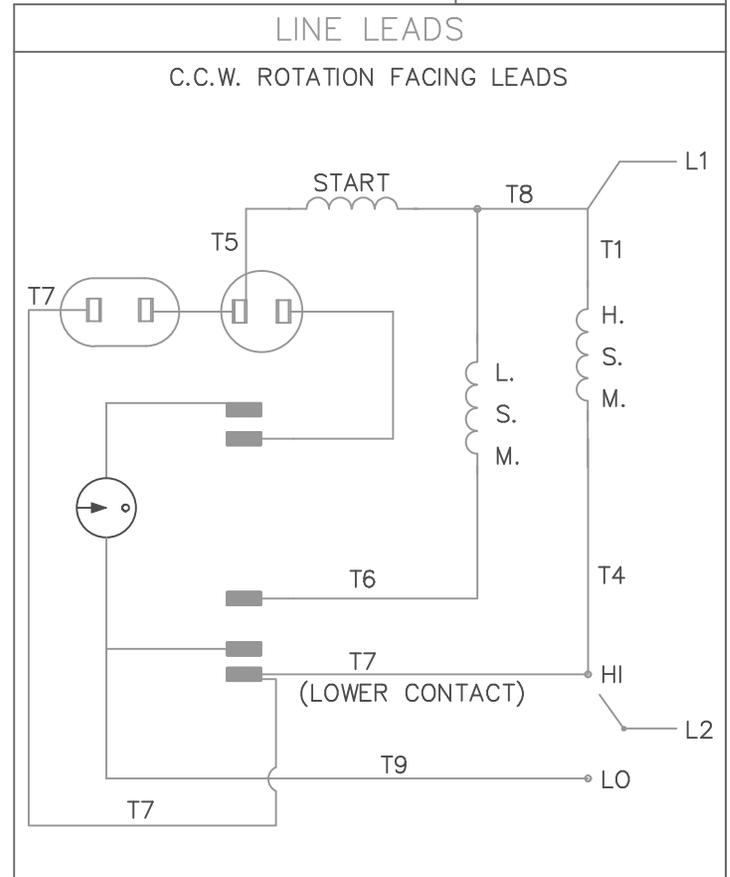
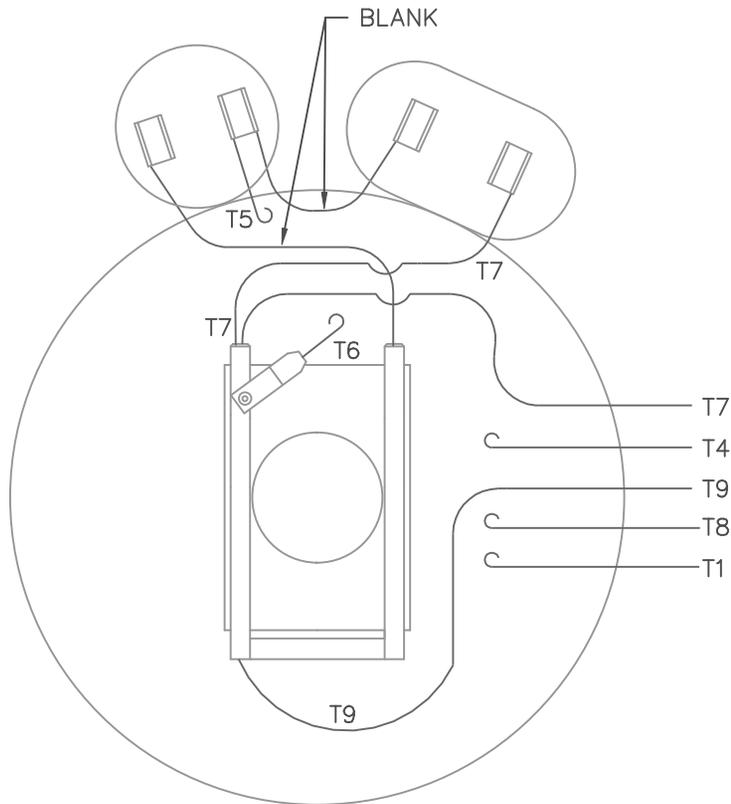
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	.82 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	12.82 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005228.01	Outline Drawing	028757-700B



DASH NO.	"C"	"AD"	CAP. DASH	"XO"
600	11.82	5.95	A	1.08
650	12.32	6.45	B	1.42
700	12.82	6.95	C	1.69
750	13.32	7.45		
800	13.82	7.95		

				TOLERANCES UNLESS SPECIFIED				DRAWN	RVD	08/08/06
				DEC.	INCHES			CHK	UJM	08/08/06
				.X	±.1			APPD		
				.XX	±.03	TITLE		OUTLINE - 56H FRAME		
				.XXX	±.005	DRIP PROOF - RESILIENT		SCALE 1=2		
02	ADDED MYLAR NAMEPLATE & DECALS	AP	8/30/22	PP	.XXXX ±.0005	MAT'L	GENERAL PURPOSE	REF	028747	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		FMF		
				RFP		CAD FILE	028757	PREV		
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						B		028757		02

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ROTATION FACING LEAD END	L1	L2	
		HI SPEED	LOW SPEED
C.C.W.	T1,T8	T4,T7	T9
C.W.	T4,T8	T1,T7	T9

				TOLERANCES UNLESS OTHERWISE SPECIFIED	
				DECIMALS	
07	CLARIFIED BLANK LEADS PER ASSY	SAW	11/12/98	.00	± .01
06	REDRAWN ON CAD	KH DBT	06/09/97	.000	± .005
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64
				ANGLES	± 1/2°
				INCH/MM	

LEESON ELECTRIC CORPORATION

DRAWN PG	07/10/85	TITLE	EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR	
CH'K'D.	TEM	MAT'L.	DECAL - 080092	
APPR.	07/18/85	SINGLE VOLT - DUAL ROT. - DUAL SPEED		
SCALE	1=1	FINISH	GENERAL	SIZE
REF.	005209	SLICING		DRAWING NO.
FMF	85624D1			005228-01

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CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005228.01

CATALOG #: 111955.00

OUTLINE: 028757-700B

MOUNTING: F1 ONLY

WINDING #: K63(4-6)15 DR 1 B

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&7/16	0.75&0.33	1800	1725&1140	56H	DP	K	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60/60	115&115	13.2&9.5	ACROSS THE LINE	CONTINUOUS	F4	1.0/1.0	40

FULL LOAD EFF:	69&53	3/4 LOAD EFF:	49.9	1/2 LOAD EFF:	43	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	77&60	3/4 LOAD PF:	51.5	1/2 LOAD PF:	42.9	64		CAP START CAP RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L,R. TORQUE	B,D. TORQUE	F.L. RISE°C
2 LB-FT	78	6.8 LB-FT	3.6 LB-FT 120 %	84

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0.135 LB-FT^2	0.1 LB-FT^2	- SEC.	-	44 LBS.

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

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

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

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

*
N
O
T
E

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



LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 111955.00

Catalog No 111955.00

Curve at 230
60
1

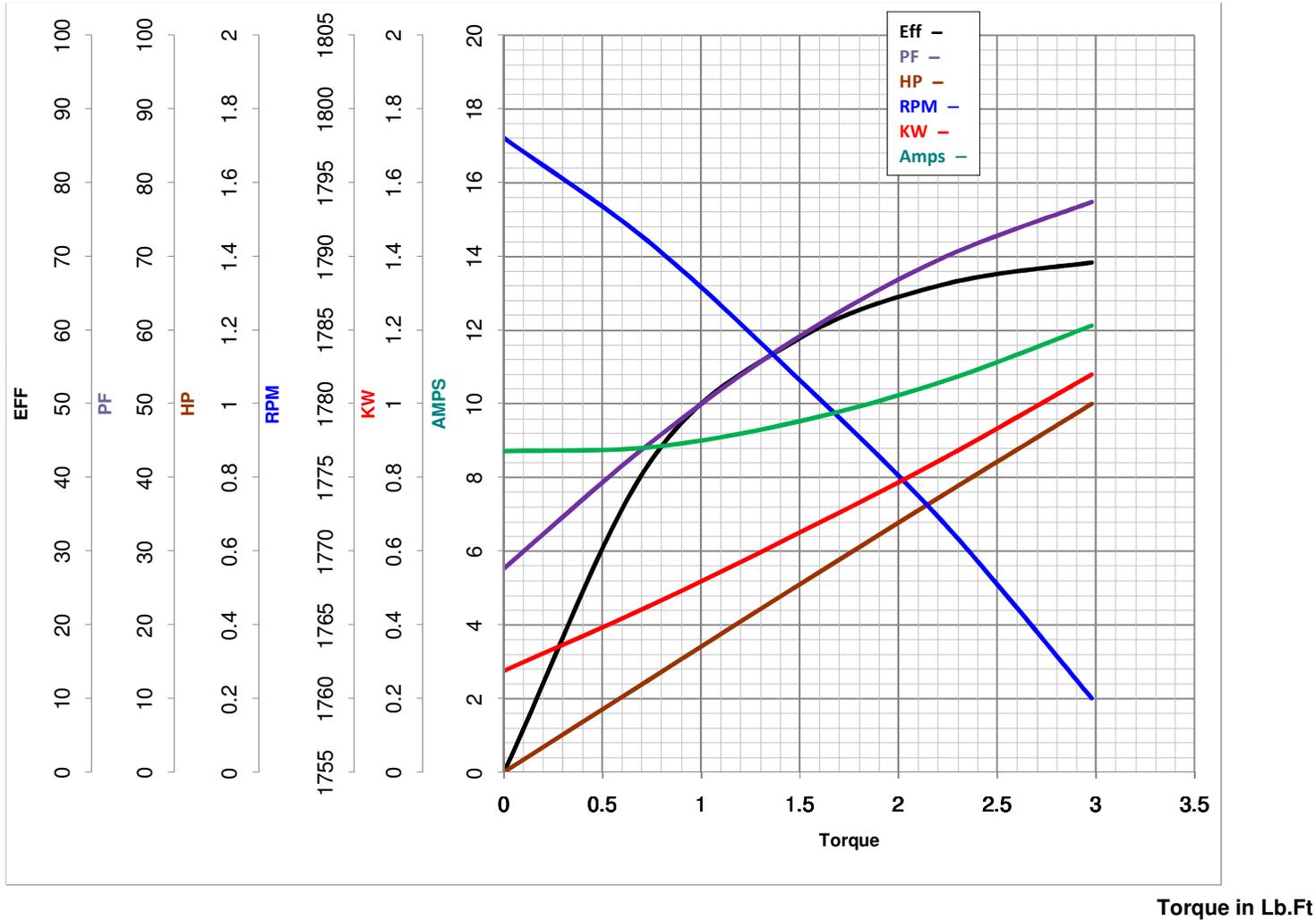
Volts
 HZ
 HP

HP 1&0.437
 VOLTS 115&115

PHASE 1

HZ 60&60

RPM 1725&1140



FL TORQUE 2.98 Lb.Ft
 BD TORQUE 8.6 Lb.Ft
 LR TORQUE 6.8 Lb.Ft

FL AMPS 13.2
 PU TORQUE 5.9 Lb.Ft
 LR AMPS 78

WINDING K63(4-6)15-1

Date 4/12/2018