



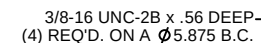
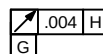
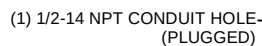


Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	64 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	10.0/5.0 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	L
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	2.4 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.37 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	607-0008-550A	Connection Drawing	005278.07

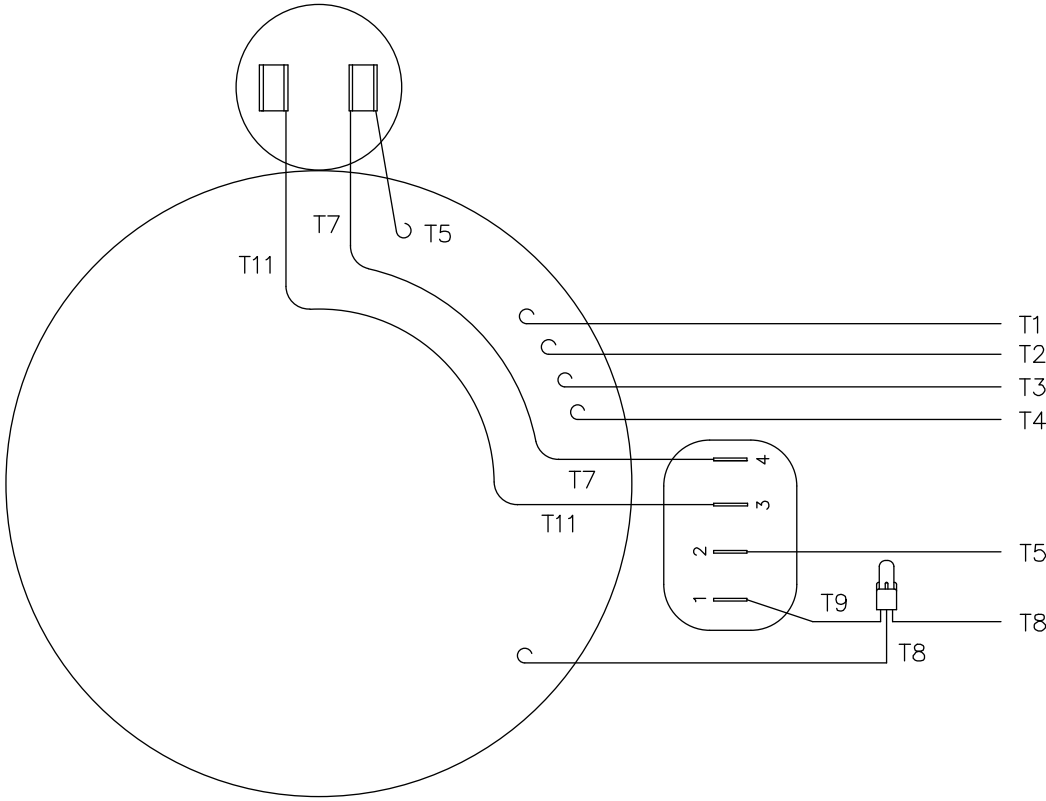


SPECIAL FEATURES:

1. SHAFT SEALS & V-RING.
2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
3. BUNA-N GASKETS THROUGHOUT.
4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.
5. SOLID STATE SWITCH MOUNTED TO CONDUIT BOX.

DASH NO.	"C"	"AD"	"XO"
450A	10.37	2.00	2.00
475A	10.62	2.25	2.00
500A	10.87	2.50	2.00
525A	11.12	2.75	2.00
550A	11.37	3.00	2.00
575A	11.62	3.25	2.00
600A	11.87	3.50	2.00
625A	12.12	3.75	2.00
650A	12.37	4.00	2.00

[illegible]



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

LINE LEADS

	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

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN RSK 07/21/98

CH'K'D.

APPR.

SCALE 1=1

REF. 005278-01

FMF 131571

TITLE
EXTERNAL WIRING DIAGRAM
TYPE "C" W/O PROTECTOR

MAT'L.
DECAL - 004012
STOCK MOTORS TO USE DECAL 214-0122-001

FINISH
STANDARD

SIZE
A

DRAWING NO.
005278-07

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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005278.07

CATALOG #: 113582.00

OUTLINE: 607-0008-550A

MOUNTING: F1 ONLY

WINDING #: C632210 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	3600	3450	56C	TEFC	L	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	10/5.2-5	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	64	3/4 LOAD EFF:	58.6	1/2 LOAD EFF:	50.3	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	76	3/4 LOAD PF:	73	1/2 LOAD PF:	65.4	59.5	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
18 OZ-FT	60 / 30	64 OZ-FT 356 %	48 OZ-FT 267 %	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.042 LB-FT^2	0 LB-FT^2	10 SEC.	0	28 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	WHITE - LEESON (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL						
6205	6203						
		POLYREX EM	STANDARD 56	NONE	NONE	303 STAINLESS (C-501)	ROLLED STEEL

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

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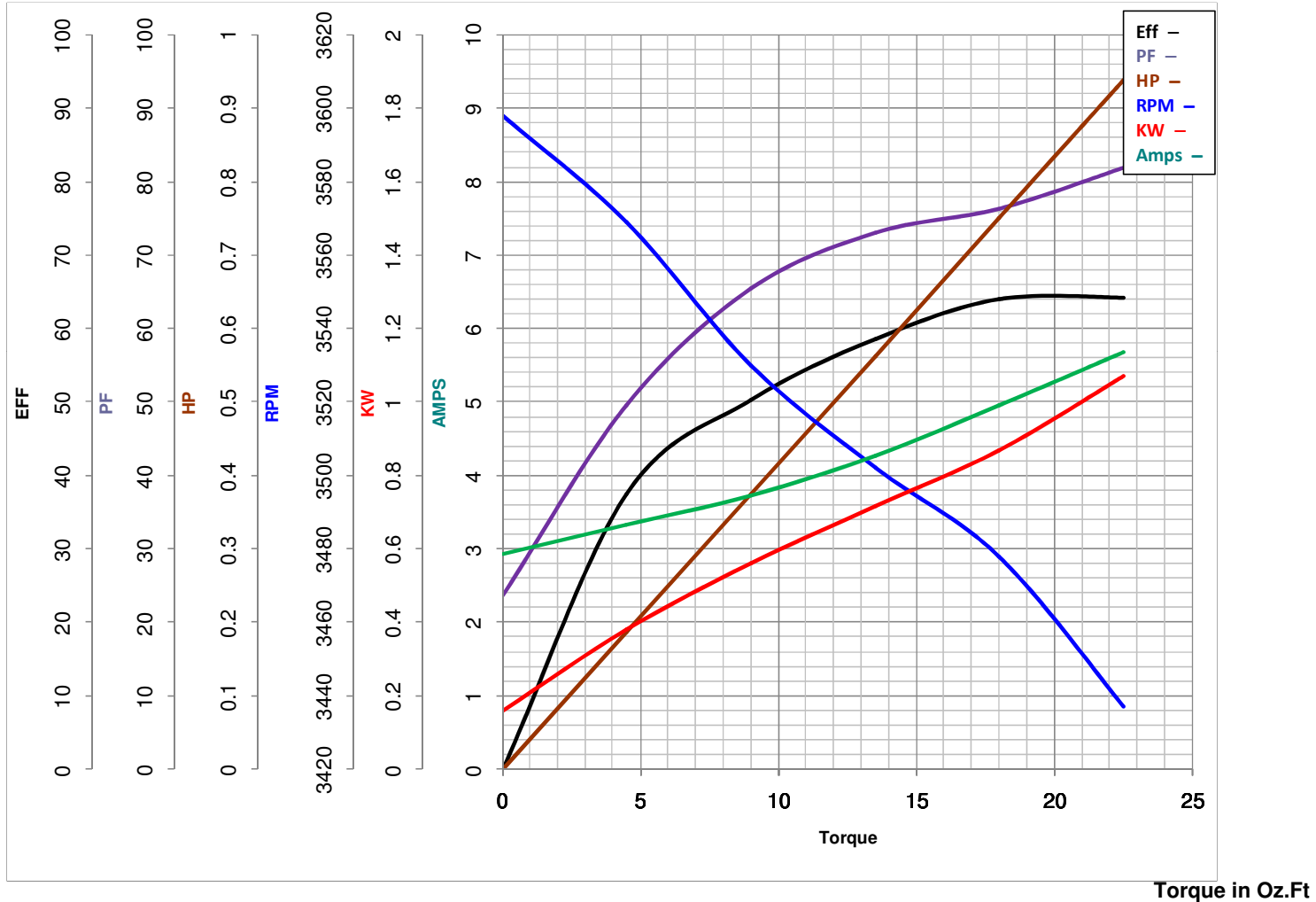
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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 113582.00Curve at 230
60
0.75Volts
HZ
HPHP 0.76PHASE 1VOLTS 115/208-230Catalog No 113582.00HZ 60RPM 3450

FL TORQUE 18 Oz.Ft
 BD TORQUE 48.0 Oz.Ft
 LR TORQUE 64 Oz.Ft

FL AMPS 10/5.2-5
 PU TORQUE 45.0 Oz.Ft
 LR AMPS 30

WINDING C632210-3

Date 3/23/2018