

PRODUCT INFORMATION PACKET



Model No: 116919.00

Catalog No: 116919.00

Premium Duck™ General Purpose Motor, 0.75 HP, 1 Ph, 60 Hz, 115/230 V, 1200 RPM, 56H Frame, TENV

Operational at 115/208-230 V @60HZ



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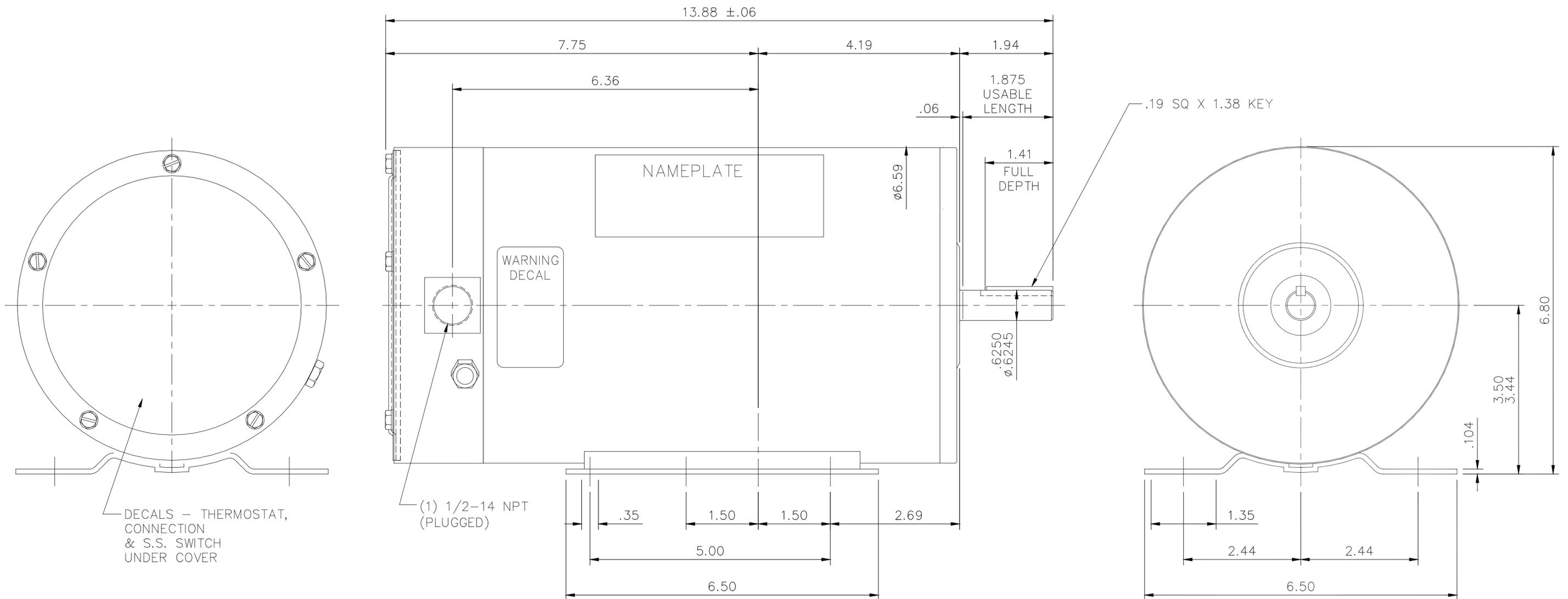


Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	1140 rpm	Service Factor	1.0
Frame	56H	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Automatic	Efficiency	71.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	8.4/4.2 A	Power Factor	80.2
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	H
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	No	CSA	N
CE	N	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Resistance Main	3.24 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	13.88 in
Frame Length	9.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.87 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005498.01	Outline Drawing	OL116919



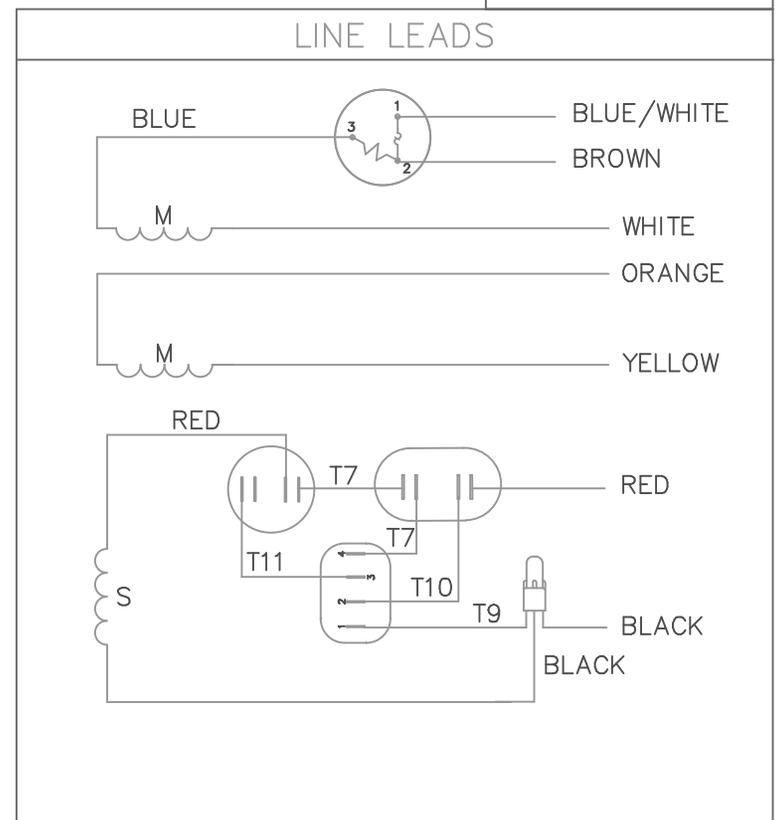
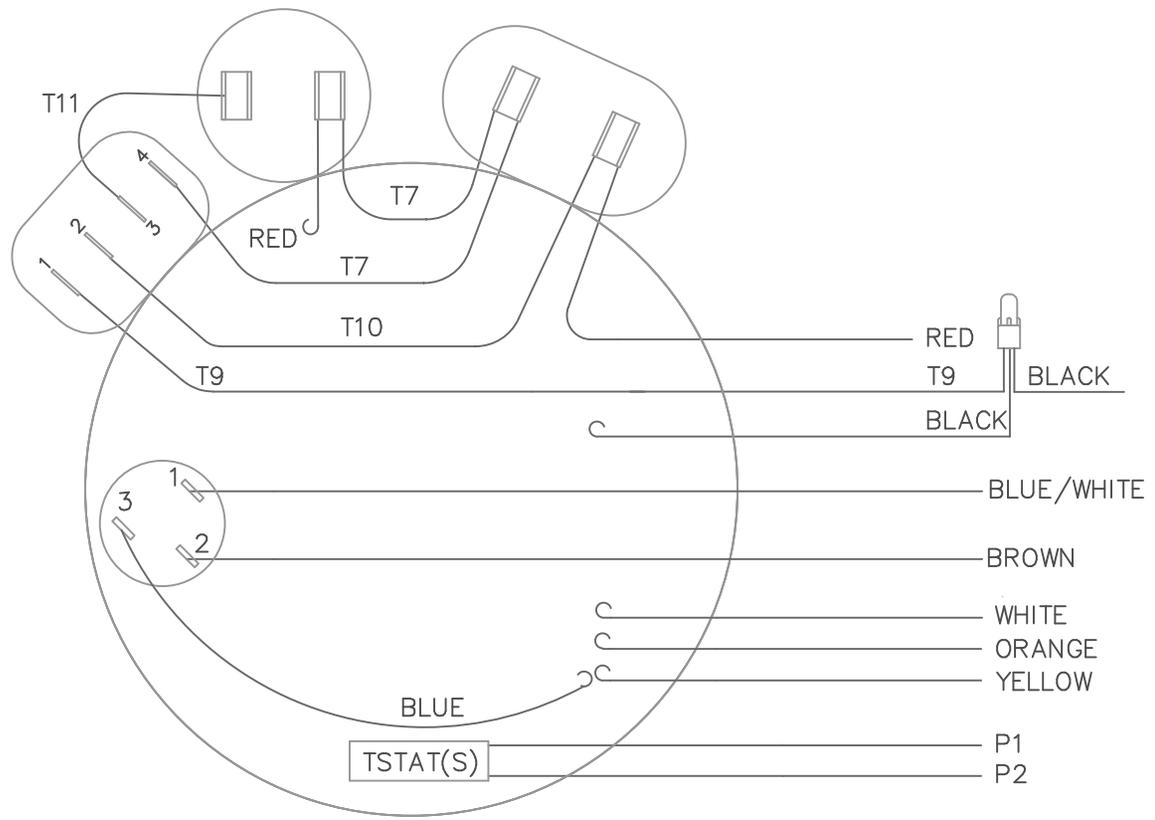
ORACLE	002
REV	

ALL-STAINLESS SPECIAL FEATURES:

- VITON CONDUIT BOX & COVER GASKETS
- VITON O-RINGS IN ENDBELL RABBETS
- VITON SHAFT SEAL
- BREATHER PLUGS IN L.E. ENDBELL (B.I.C.B.)
- ALL STAINLESS STEEL CONSTRUCTION

		TOLERANCES UNLESS SPECIFIED		LEESON		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN LST 1/19/06			
		DEC.	INCHES					CHK RW 1/20/06			
		.X	±.1					APPD KH 1/20/06			
		.XX	±.03	TITLE		OUTLINE - 56H FRAME		SCALE 1=2			
E	N.P. WAS MYLAR, ADDED TSTAT DECAL ECO 0080786	GWS	7/1/15	.XXX		±.005		REF PR040483			
D	NAMEPLATE WAS 081166.01 PER ISAAC:08-5744	VS	7/7/2009	.XXXX		±.0005		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH		PREV			
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE		OL116919		SIZE	DRAWING NO.	REV.
				DIST			B		OL116919	E	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEP.
HIGH VOLT	C.C.W.	BLUE/WHITE	YELLOW, BLACK	WHITE, ORANGE, RED	BROWN
	C.W.	BLUE/WHITE	YELLOW, RED	WHITE, ORANGE, BLACK	BROWN
LOW VOLT	C.C.W.	BLUE/WHITE	WHITE, YELLOW, BLACK	BROWN, ORANGE, RED	--
	C.W.	BLUE/WHITE	WHITE, YELLOW, RED	BROWN, ORANGE, BLACK	--

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.01
				.XXX	±.005
				.XXXX	±.0005
				ANG	±1/2'



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	JGO 01/17/06
CHK	
APPD	
SCALE	1=1
REF	005003-26
FMF	
PREV	

TITLE	EXTERNAL WIRING DIAGRAM TYPE "K" W/PROTECTOR
MAT'L.	DECAL - 081216 TSTAT - 080088
FINISH	

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RFP	CAD FILE	00549801	SIZE	DRAWING NO.	REV.
DIST			A	005498-01	



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005498.01

CATALOG #: 116919.00

OUTLINE: OL116919

MOUNTING: F1 ONLY

WINDING #: K63642 NR 5 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1200	1140	56H	TENV	H	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	8.4/4.4-4.2	ACROSS THE LINE	CONTINUOUS	F4	1.0	40

FULL LOAD EFF:	71.7	3/4 LOAD EFF:	71.7	1/2 LOAD EFF:	63.9	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	80.2	3/4 LOAD PF:	75.7	1/2 LOAD PF:	69.3	68		CAP START CAP RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
54 OZ-FT	44 / 22	100 OZ-FT 185 %	110 OZ-FT 204 %	84

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.16 LB-FT^2	0.2 LB-FT^2	0 SEC.	0	56 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	NO PAINT

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

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

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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



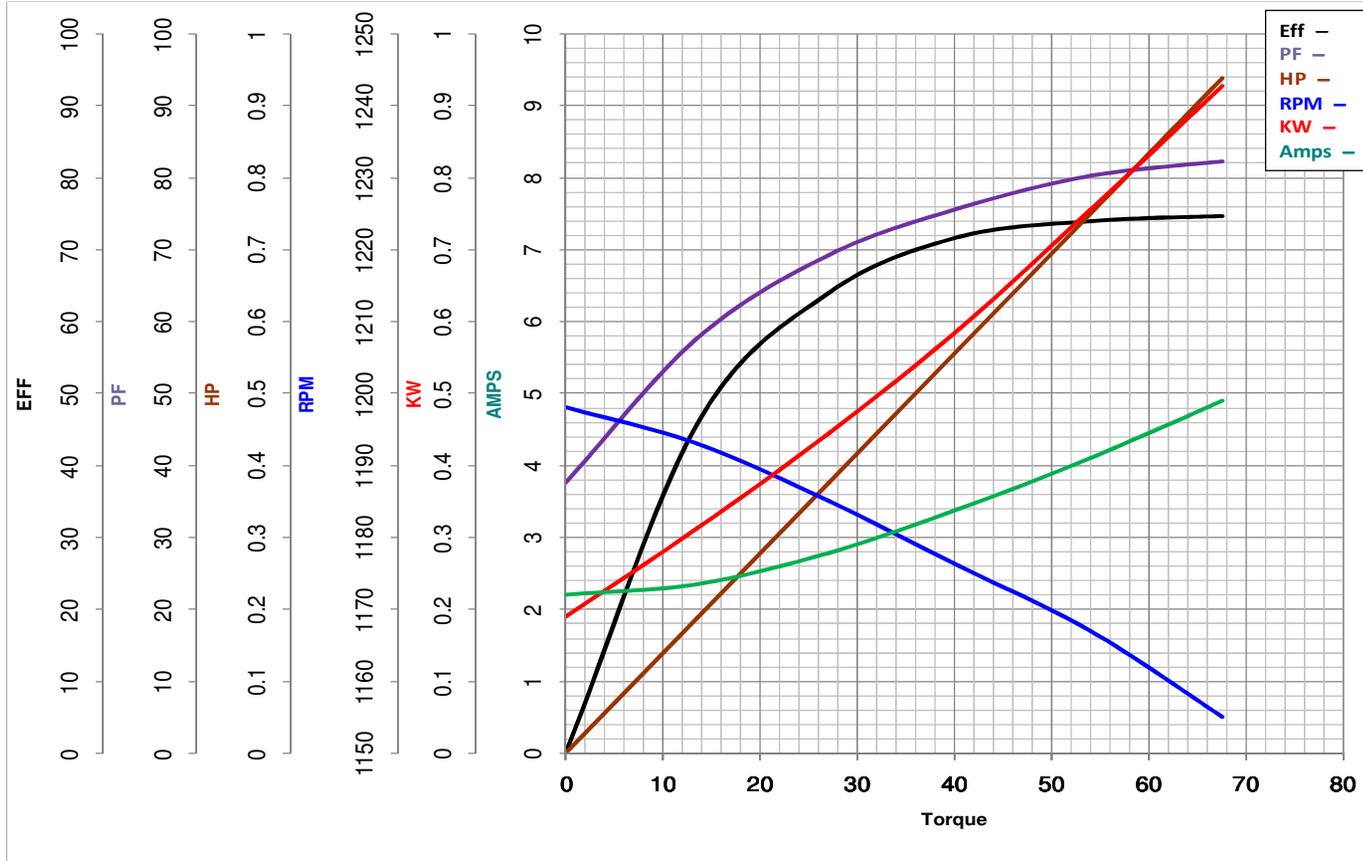
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 116919.00

Catalog No 116919.00

Curve at 230 Volts HP 0.75 PHASE 1
60 HZ
0.75 HP VOLTS 115/208-230

HZ 60 RPM 1140



		Torque in Oz.Ft	
FL TORQUE	<u>54</u> Oz.Ft	FL AMPS	<u>8.4/4.4-4.2</u>
BD TORQUE	<u>110.0</u> Oz.Ft	PU TORQUE	<u>70.0</u> Oz.Ft
LR TORQUE	<u>100</u> Oz.Ft	LR AMPS	<u>22</u>
WINDING	K63642-5	Date	3/18/2019