

PRODUCT INFORMATION PACKET



Model No: 092116.00

Catalog No: 092116.00

General Purpose Motor, 0.17 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 42 Frame, TEFC



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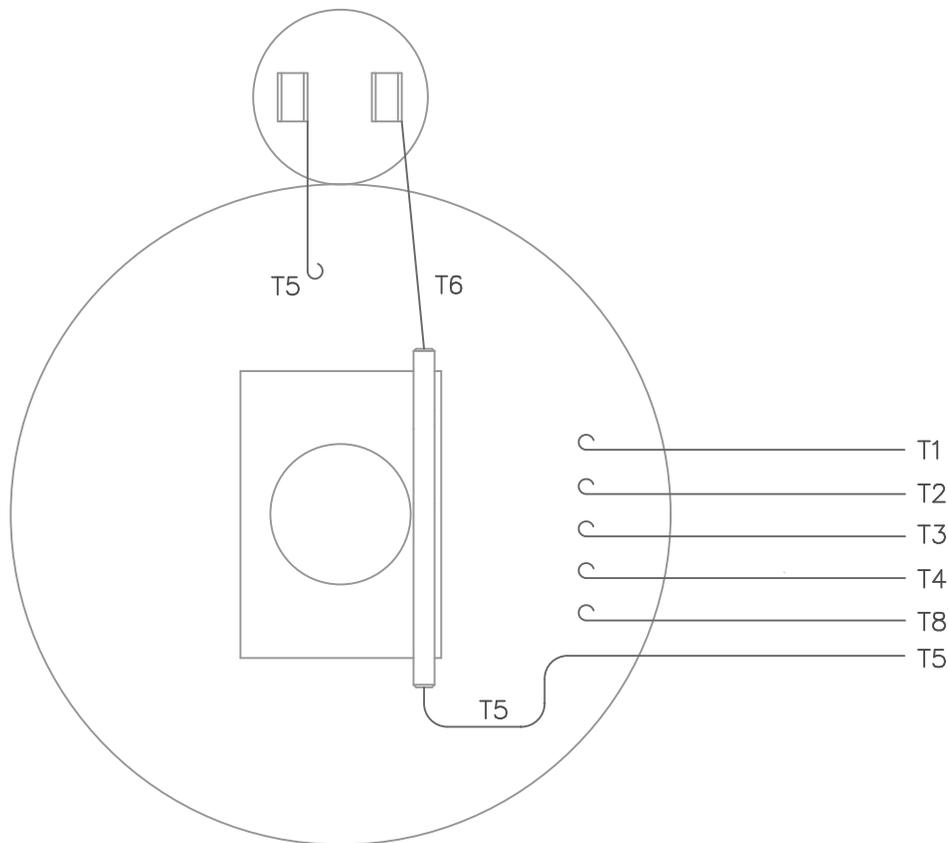
Nameplate Specifications

Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	4.2/2.1 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	50 %	Power Factor	50
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	N
Frame	42	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

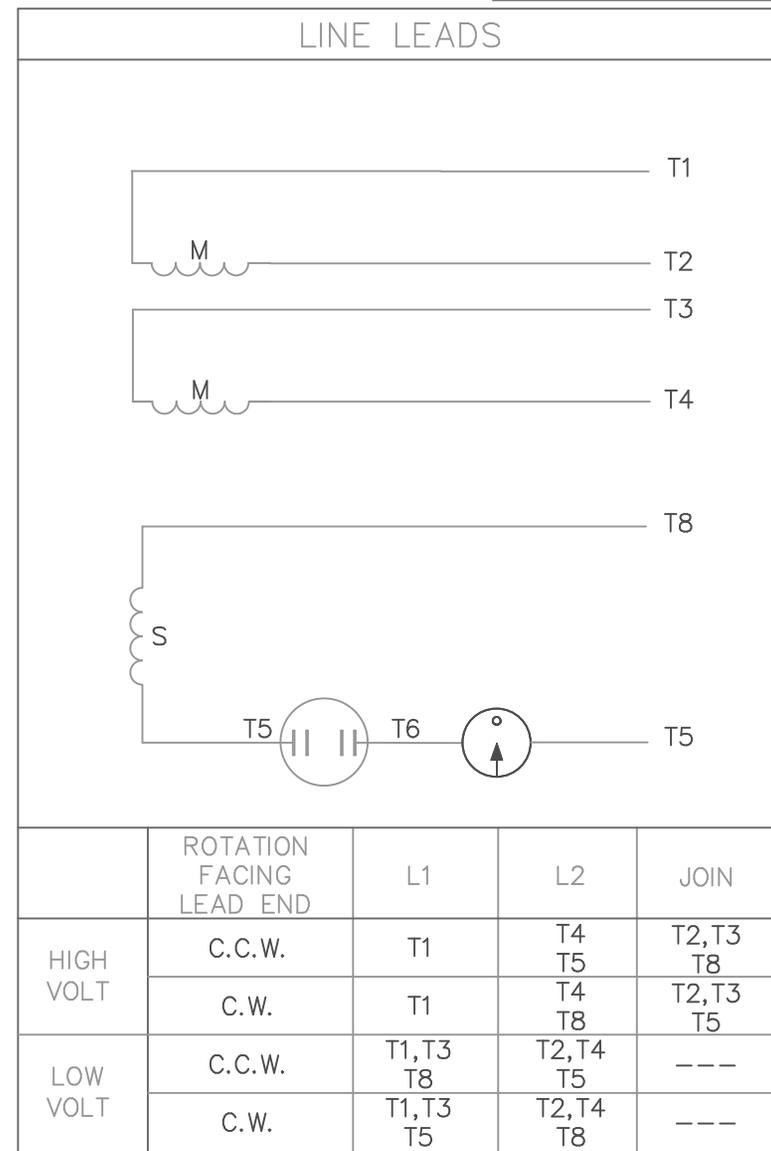
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	10.56 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	STANDARD 42	Overall Length	9.44 in
Frame Length	6.00 in	Shaft Diameter	0.375 in
Shaft Extension	1.12 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	027616-N42	Connection Drawing	005312.01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ALL CONNECTIONS ON STATIONARY SWITCH ARE SOLDERED

GEARMOTORS
2-STAGE REF. DECAL 004012
3-STAGE REF. DECAL 081062



06	ADDED GEARMOTOR NOTE	KMM	04/04/02	TOLERANCES UNLESS OTHERWISE SPECIFIED	
05	UPDATED TO CURRENT STANDARDS	MDN	2/16/00	DECIMALS	
04	ADDED PAGE 6	PG	4/5/94	.00	± .01
03	ADDED PAGE 4 AND 5	MJS	4/7/93	.000	± .005
02	CHANGED TO SOLDERED LEADS	KAZ	7/2/92	.0000	± .0005
01	ADDED PAGE 2 AND 3	DLL	8/23/90	FRACTIONS	± 1/64
NO.	REVISION	BY	DATE	ANGLES	± 1/2°
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				INCH/MM	

LEESON ELECTRIC CORPORATION

DRAWN	GS 8/14/89	TITLE	EXT. WIRING DIAGRAM	
CH'K'D.	DLL 8/22/89	TYPE "C" W/O PROTECTOR		
APPR.	DJW 8/22/89	MAT'L.	42 - FRAME	
SCALE	1=1	DECAL - 004012		
REF.	005005-19	FINISH	STANDARD	SIZE A
FMF		DRAWING NO. 005312-01		

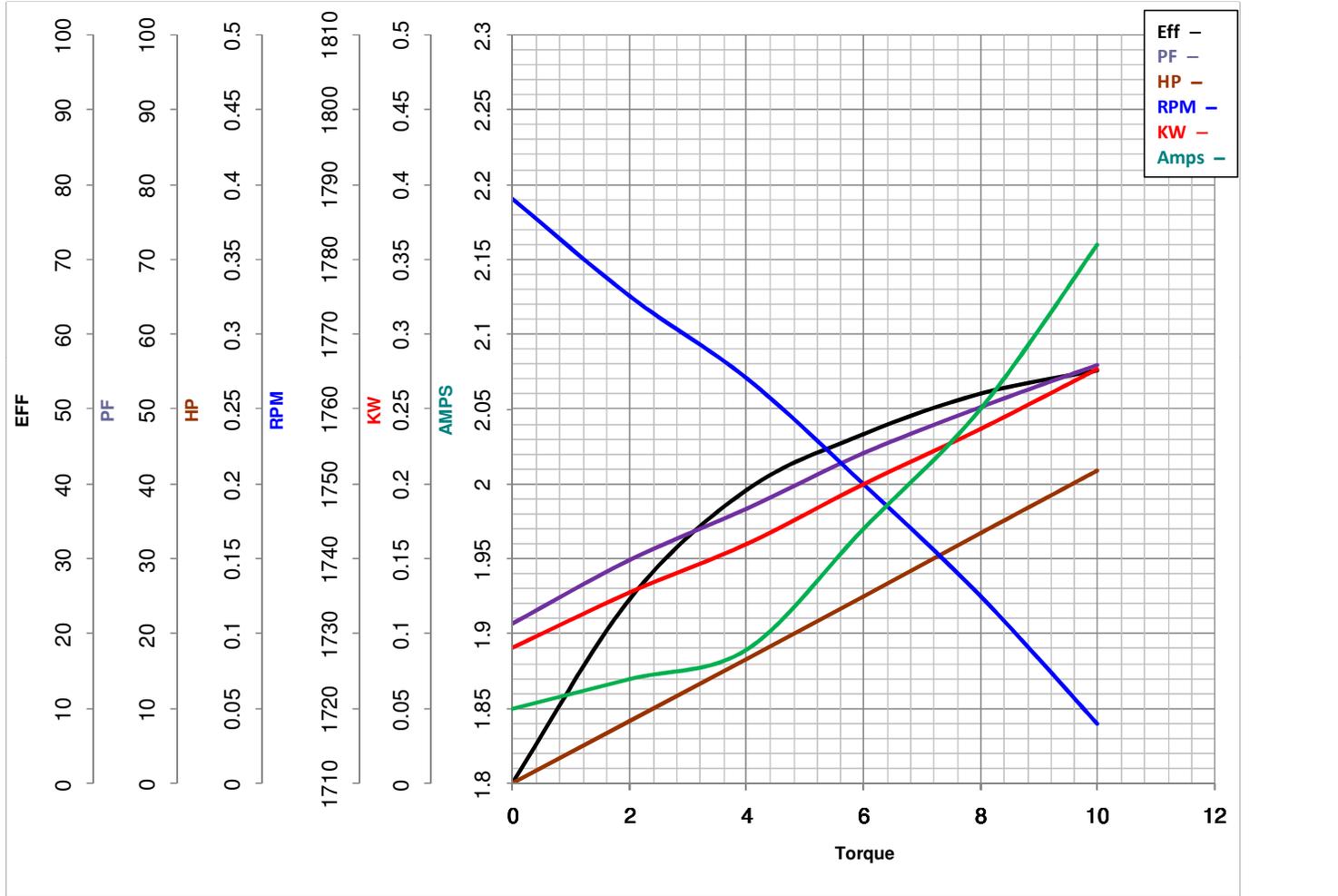


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 092116.00

Catalog No 092116.00

Curve at 230 Volts HP 0.17 PHASE 1
60 HZ
0.167 HP VOLTS 115/208-230
HZ 60 RPM 1725



FL TORQUE	<u>8</u>	Oz.Ft	FL AMPS	<u>4.2/2.1</u>	
BD TORQUE	<u>22.0</u>	Oz.Ft	PU TORQUE	<u>21.4</u>	Oz.Ft
LR TORQUE	<u>35.6</u>	Oz.Ft	LR AMPS	<u>8.3</u>	
WINDING	C47430-3		Date	4/19/2018	