

PRODUCT INFORMATION PACKET



Model No: 102792.00
Catalog No: 102792.00
Speed Ratio Motor, 0.17 HP, 3 Ph, 60 Hz, 115/230 V, 1800 RPM, 48C Frame, TEFC



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Nameplate Specifications

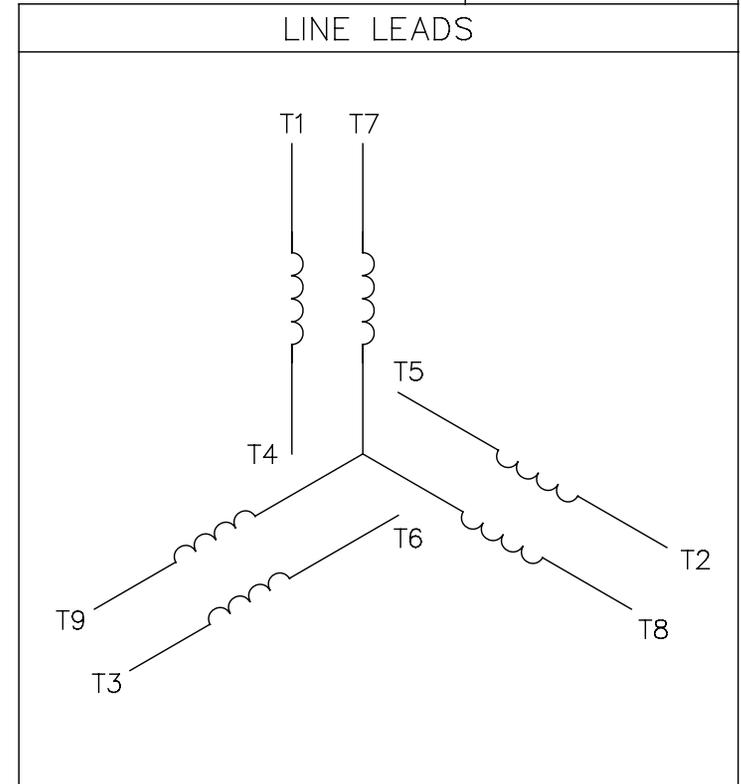
Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115/230 V
Current	2.5/1.3 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	56 %	Power Factor	46
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	R
Frame	48C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	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	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	78 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	8.94 in
Frame Length	4.50 in	Shaft Diameter	0.500 in
Shaft Extension	1.5 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	031730-450

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
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				DIST	BRF-NLV	00501001		A	005010-01	A

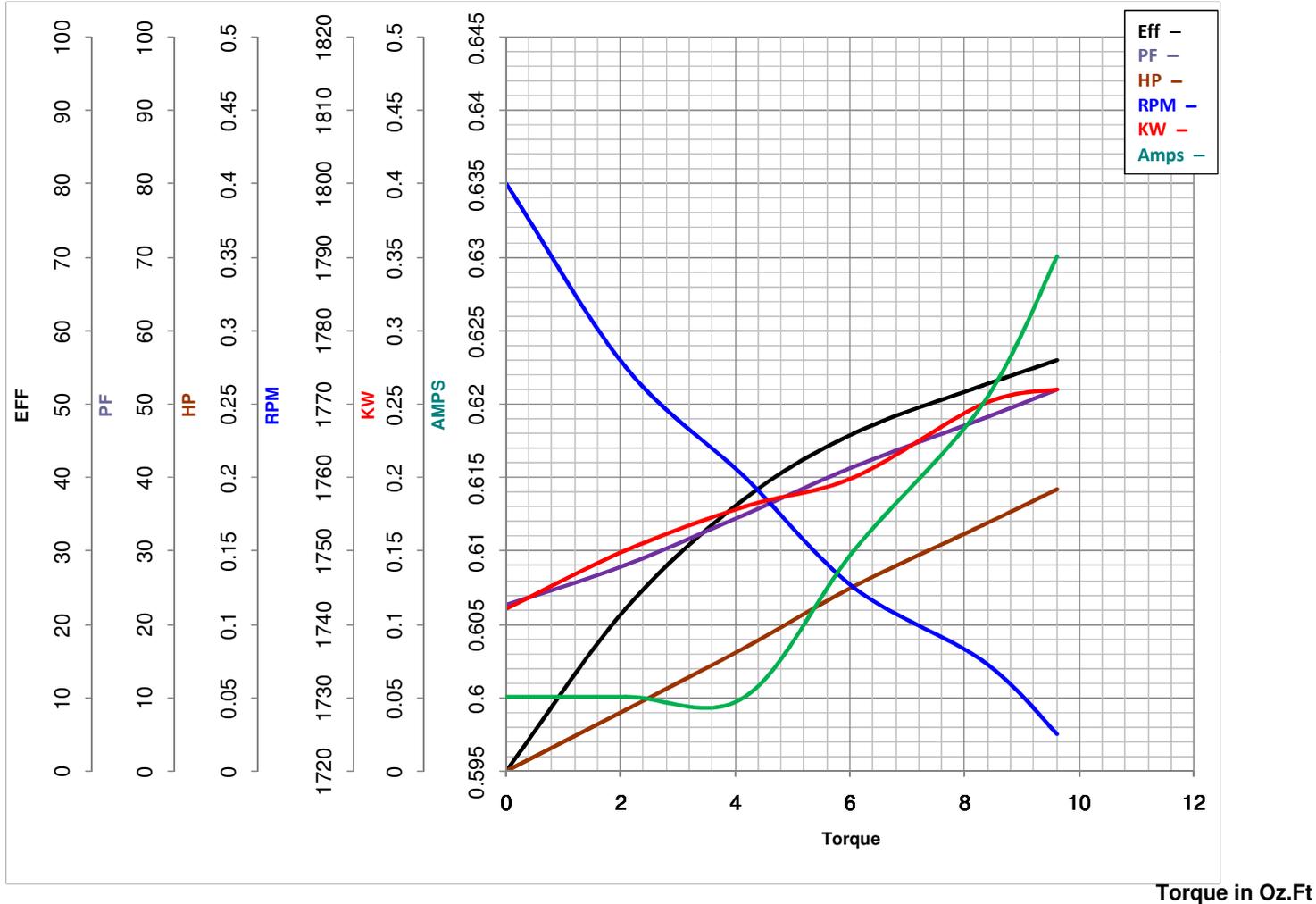


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102792.00

Catalog No 102792.00

Curve at 230 Volts HP 0.167 PHASE 3
60 HZ
0.167 HP VOLTS 115/230
 HZ 60 RPM 1725



FL TORQUE	<u>8.32</u>	Oz.Ft	FL AMPS	<u>2.5/1.25</u>	
BD TORQUE	<u>54.4</u>	Oz.Ft	PU TORQUE	<u>49.6</u>	Oz.Ft
LR TORQUE	<u>44.8</u>	Oz.Ft	LR AMPS	<u>6.8</u>	
WINDING	TE48413-8		Date	<u>6/5/2018</u>	