

PRODUCT INFORMATION PACKET

Model No: E113847.00

Catalog No: E113847.00

General Purpose Motor, 2 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56H Frame, DP



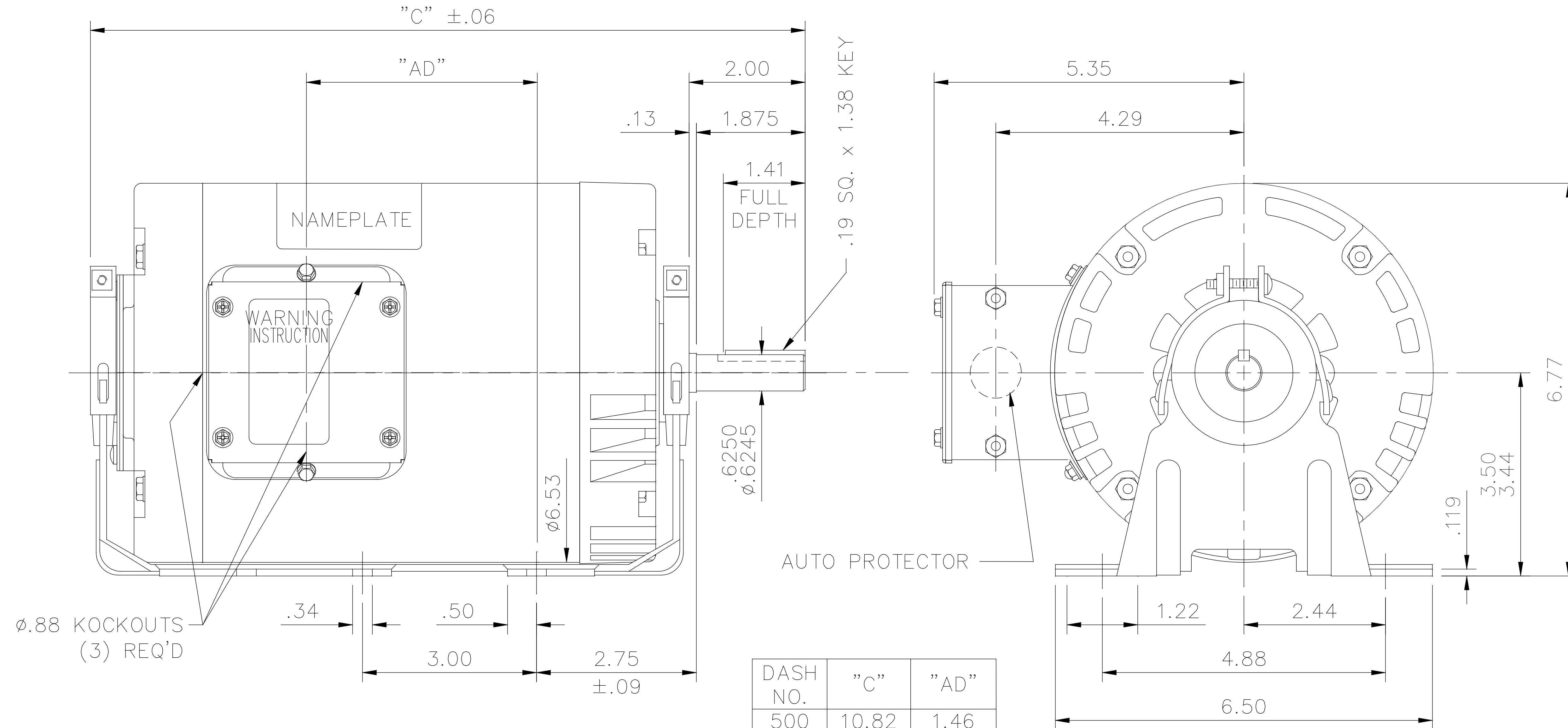
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Nameplate Specifications

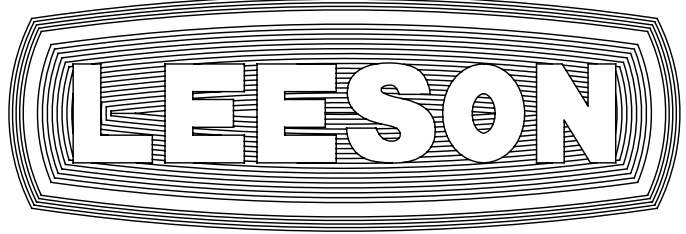
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	5.8/2.9 A	Speed	1745 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	75.6
Duty	Continuous	Insulation Class	B
Design Code	C	KVA Code	L
Frame	56H	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
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

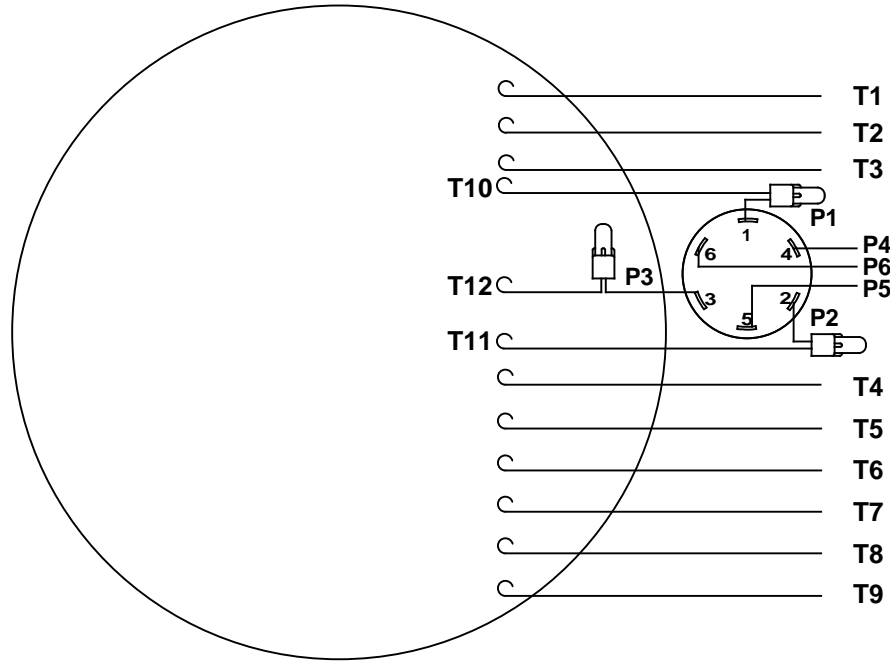
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	6 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	15.32 in
Frame Length	8.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005020.02	Outline Drawing	607-0266-850



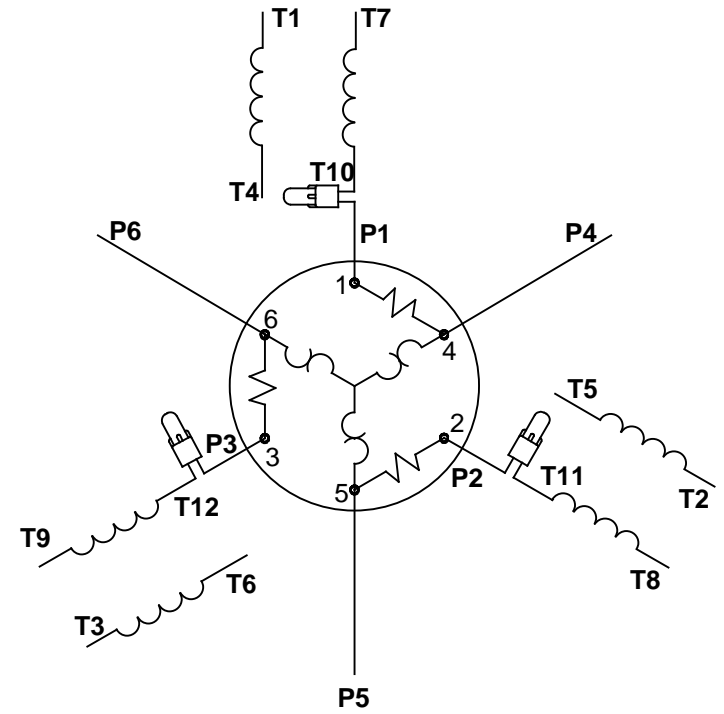
DASH NO.	"C"	"AD"
500	10.82	1.46
550	11.32	1.96
600	11.82	2.46
650	12.32	2.96
700	13.82	3.46
750	14.32	3.96
800	14.82	4.46
850	15.32	4.96

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PK 09/03/16	
				DEC.	INCHES			CHK	
				.X	±.1	TITLE		APPD	
				.XX	±.03	OUTLINE – 56 FRAME DRIP PROOF – RESILIENT BASE		SCALE 3=8	
B	ADDED DASH # 800 & 850	PK 11/16/16	PK	.XXX	±.005	MAT'L. GENERAL PURPOSE		REF	
A	NEW DRAWING	PK 09/03/16	PK	.XXXX	±.0005	FINISH		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	CAD FILE 607-0266		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	DRAWING NO. 607-0266		SIZE A	REV. B	
				DIST	BRF				

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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VOLTAGE	L1	L2	L3	JOIN	SEPARATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)	(P4) (P5) (P6)
LOW	T1,T7	T2,T8	T3,T9	(T4,P4) (T5,P5) (T6,P6)	

				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN VJB 02/18/11	
				DEC	INCHES			CHK	
				.X	±.1			APPR	
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM		SCALE 1:1	
				.XXX	±.005	TYPE "T" W/PROTECTOR		REF	
02	ADDED REV TO AGREE WITH ORACLE	ARV 4/26/2011	KH	.XXXX	±.0005	MAT'L DECAL - 004023-01		FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PAGE	OF
THIRD ANGLE PROJECTION			RFP	PREV			SIZE	DRAWING NO	
			NETWORK FILE NAME 00502002			A	005020-02		REV
								02	



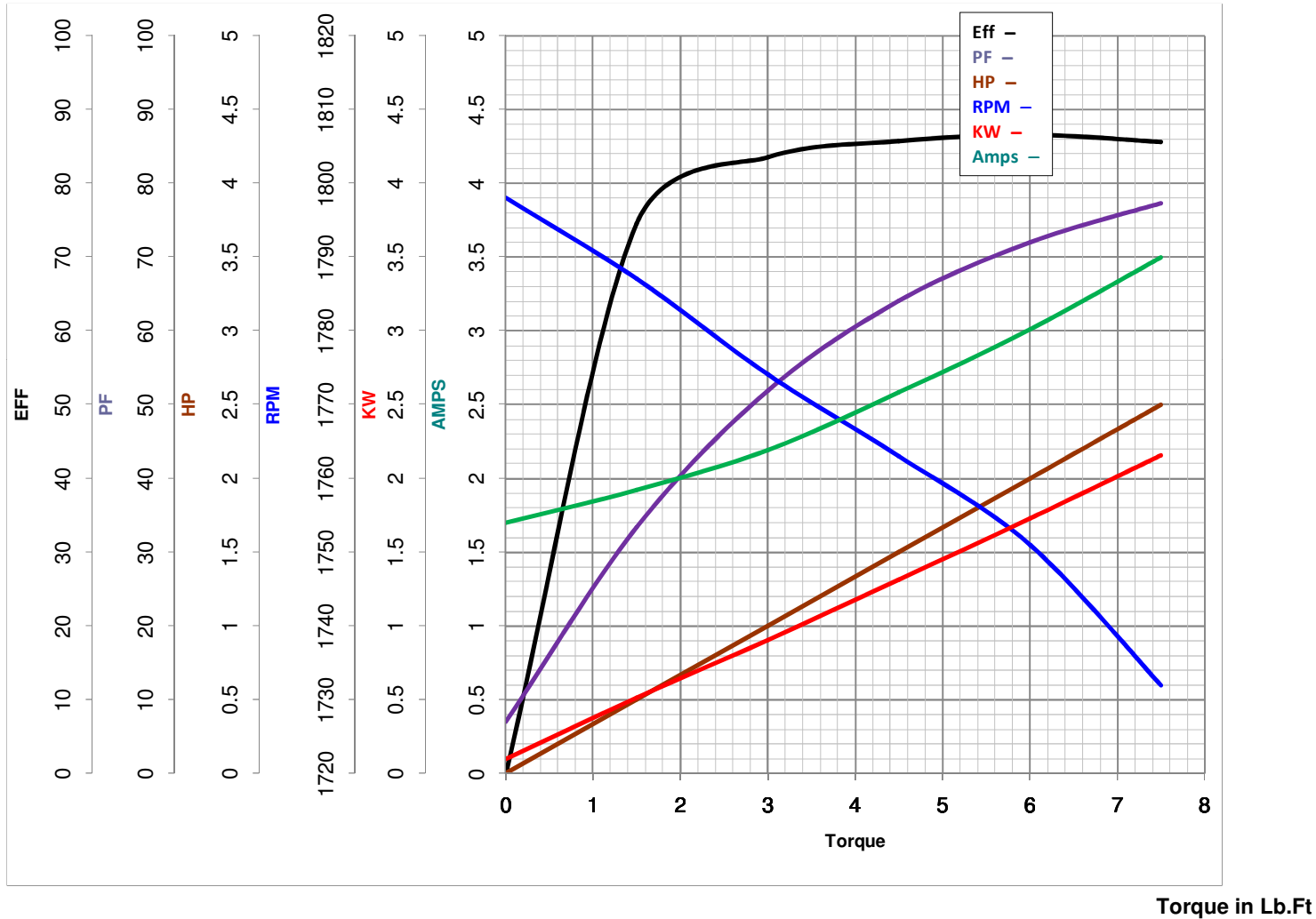
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No E113847.00

Curve at 460 Volts HP 2.00 PHASE 3
60 HZ
2 HP VOLTS 230/460

Catalog No E113847.00

HZ 60 RPM 1745



FL TORQUE 6 Lb.Ft
 BD TORQUE 27.0 Lb.Ft
 LR TORQUE 23.5 Lb.Ft

FL AMPS 5.8/2.9
 PU TORQUE 23.0 Lb.Ft
 LR AMPS 25

WINDING T634340-5

Date 5/23/2018