

PRODUCT INFORMATION PACKET



Model No: C145K28FC2G

Catalog No: 120990.00

2HP..2850RPM.145.IP54.110/220V.1PH.50HZ.CONT.NOT.40C.1.15SF.C FACE.50 HERTZ.C145K28FC2G
50 Hz



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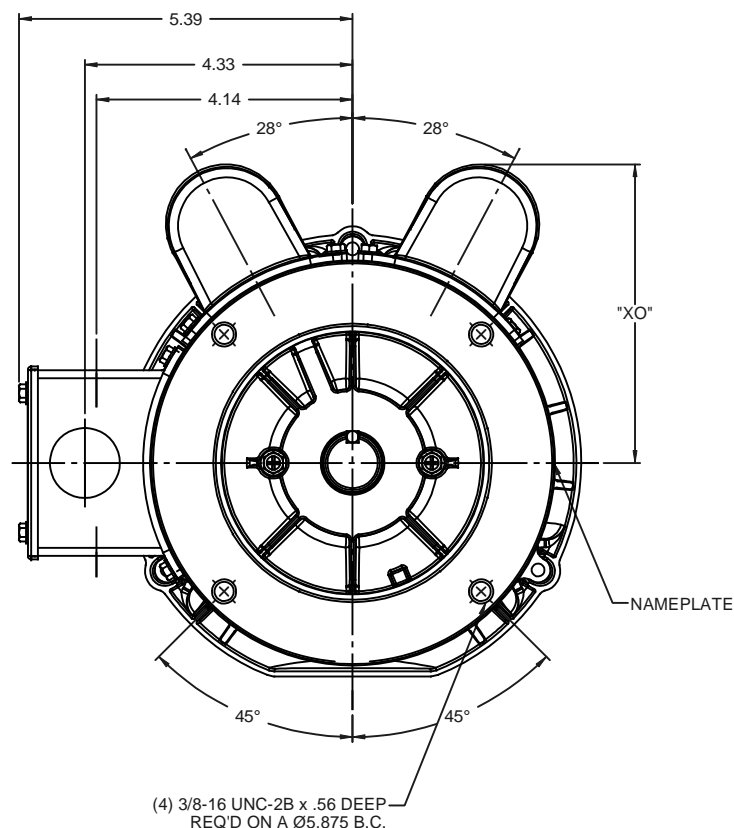


Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	50 Hz	Voltage	110/220 V
Current	17.2/8.6 A	Speed	2850 rpm
Service Factor	1.15	Phase	1
Efficiency	84 %	Duty	Continuous
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	H	Frame	145TC
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	54		

Technical Specifications

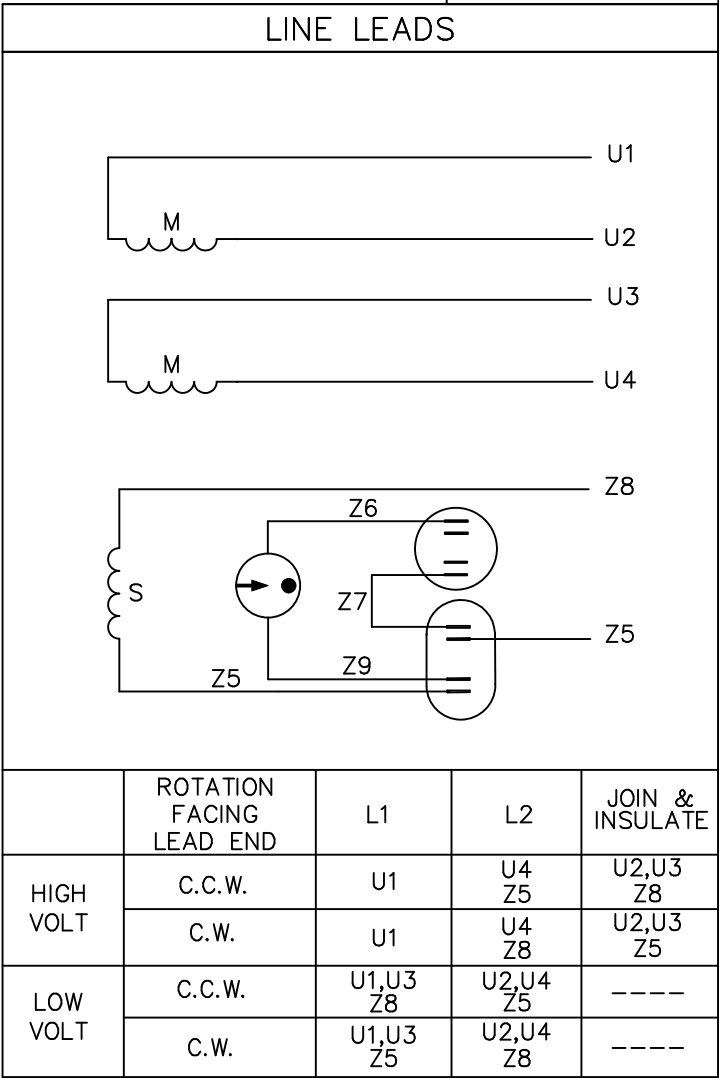
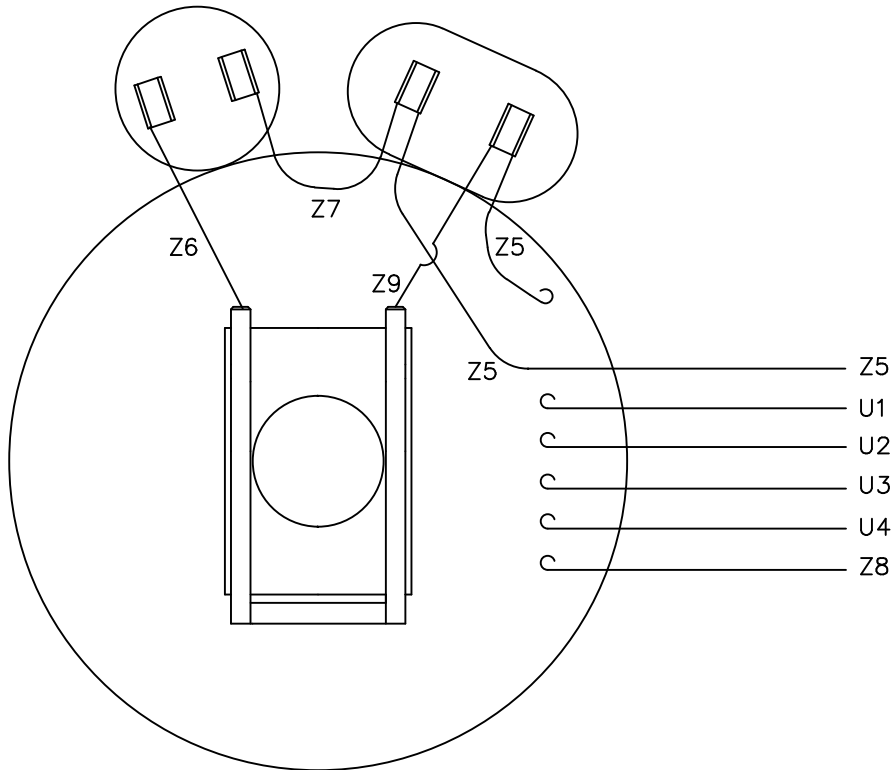
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	13.93 in	Frame Length	8.00 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028864-800B	Connection Diagram	005414.01



DASH NO.	"C"	"AD"		
700	12.93	7.07	CAP. DASH	"XO"
750	13.43	7.57		
800	13.93	8.07		
850	14.43	8.57		
			A	4.33
			B	4.78
			C	5.00

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

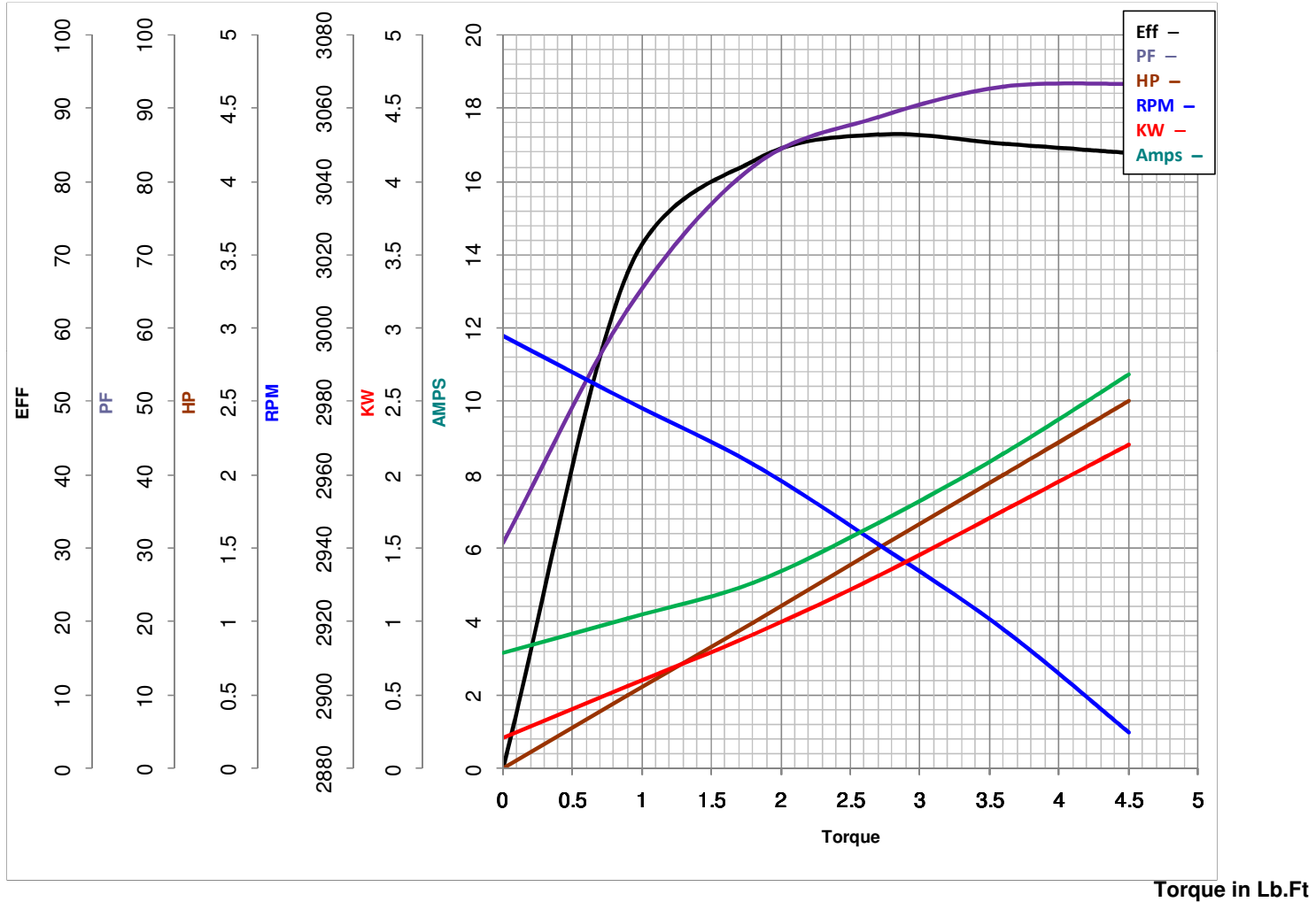


				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
				DECIMALS						
				.00	± .01	DRAWN DBT 07/21/97	TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR			
				.000	± .005	CH'K'D.				
				.0000	± .0005	APPR.	MAT'L. DECAL - 080642			
NO.	REVISION		BY	DATE	FRACTIONS	± 1/64				
THIS 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					ANGLES	± 1/2"	REF. 005018-01	FINISH I.E.C.	SIZE A	DRAWING NO.
					INCH/MM		FMF	MARKINGS		



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 120990.00Catalog No 120990.00Curve at 230
50
2Volts
HZ
HPHP 2.00VOLTS 110/220PHASE 1HZ 50RPM 2850

FL TORQUE 3.6 Lb.Ft
 BD TORQUE 9.7 Lb.Ft
 LR TORQUE 10.4 Lb.Ft

WINDING K632142-4

FL AMPS 17.2/8.6
 PU TORQUE 9.4 Lb.Ft
 LR AMPS 63

Date 3/27/2018