PRODUCT INFORMATION PACKET



Model No: M1120059.00
Catalog No: M1120059.00
0.13 HP Sub-Fractional Motor, 3500 RPM, 90 V, 31 Frame, TENV
Sub-Fractional Motors





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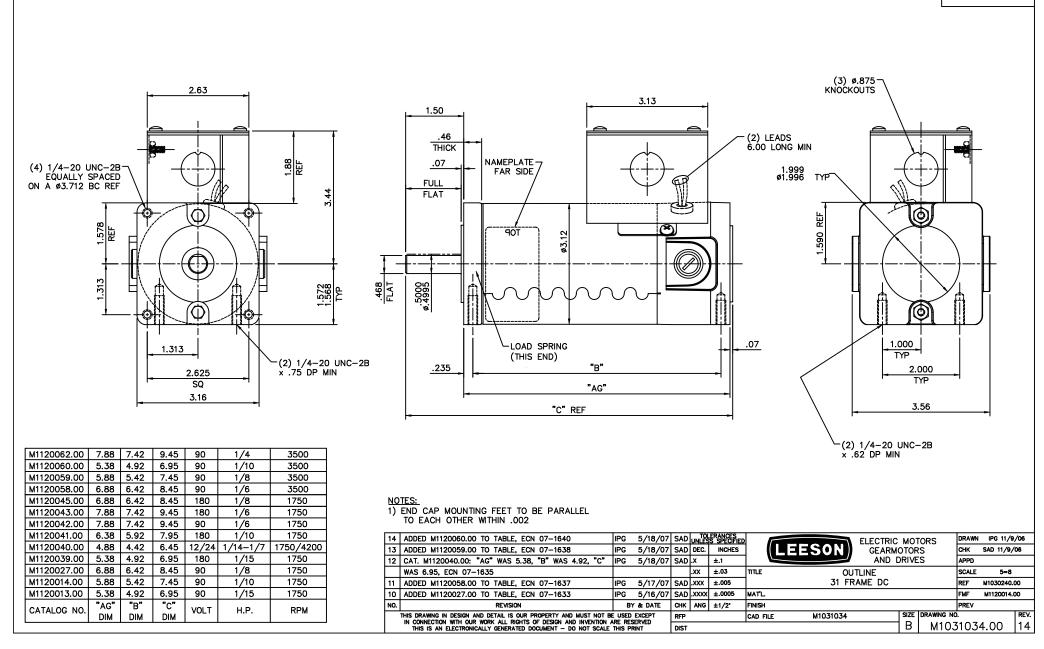
Nameplate Specifications

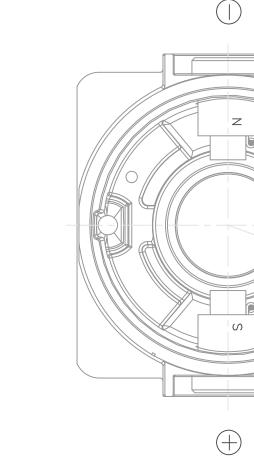
Output HP	0.13 Hp	Output KW	0.10 kW	
Voltage	90 V	Current	1.5 A	
Speed	3500 rpm	Service Factor	1	
Efficiency	68 %	Duty	Continuous	
Insulation Class	Н	Frame	31	
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No	
Ambient Temperature	40 °C	Drive End Bearing Size	6201-13	
Opp Drive End Bearing Size	6201-13	UL	Recognized	
CSA	Υ	CE	Υ	

Technical Specifications

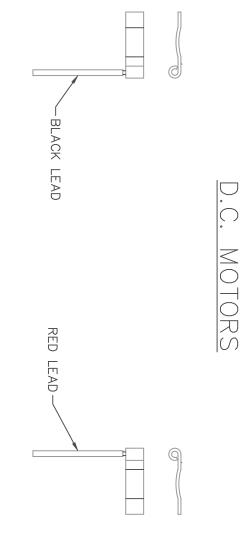
Rotation	Reversible	Mounting	Round
Overall Length	7.45 in	Frame Length	3.50 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Connection Drawing	M1005321	Outline Drawing	M1031034-M1120059

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EXTERNAL CONNECTIONS FOR CCW ROTATION VIEWING LEAD END OF MOTOR WITH RED LEAD POSITIVE (+) AND BLACK LEAD NEGATIVE (-). FOR CW ROTATION REVERSE POLARITY.



				UNLES	LERANCES SS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		ORS	DRAWN	IPG 11/6	/06
				DEC.	INCHES		[[4==5(0)]]			S	CHK	SAD 11/6/	/06
				.x	±.1	'				S	APPD		
				.xx	±.01	TITLE	CONNECTION	TION DIAGRAM			SCALE 1=1		
				.xxx	±.005						REF	M1005036.	.01
00	00 RELEASED PER 31 TT FR CONSOLIDATION, ECN 06-4430 F		D6 SAD	xxxx.	±.0005	MAT'L.					FMF	M1120014.	00
NO.	D. REVISION BY & DA		СНК	ANG	±1/2°	FINISH					PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT				RFP CAD FILE M1005321 SIZ		SIZE	E DRAWING NO.			REV.			
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT			DIST	DIST				Α	A M1005321.01		21.01	00	
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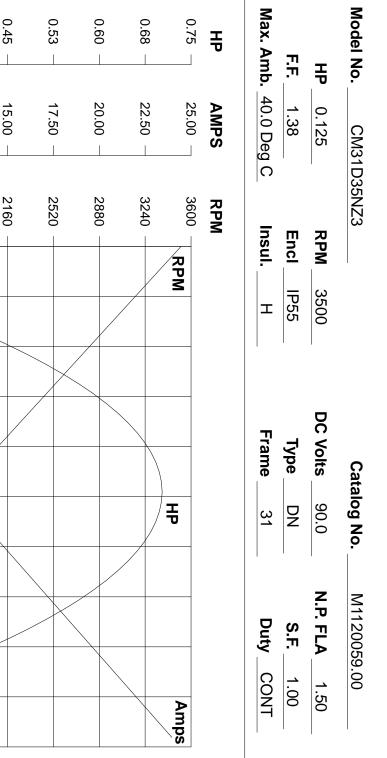
BLACK LEAD

RED LEAD

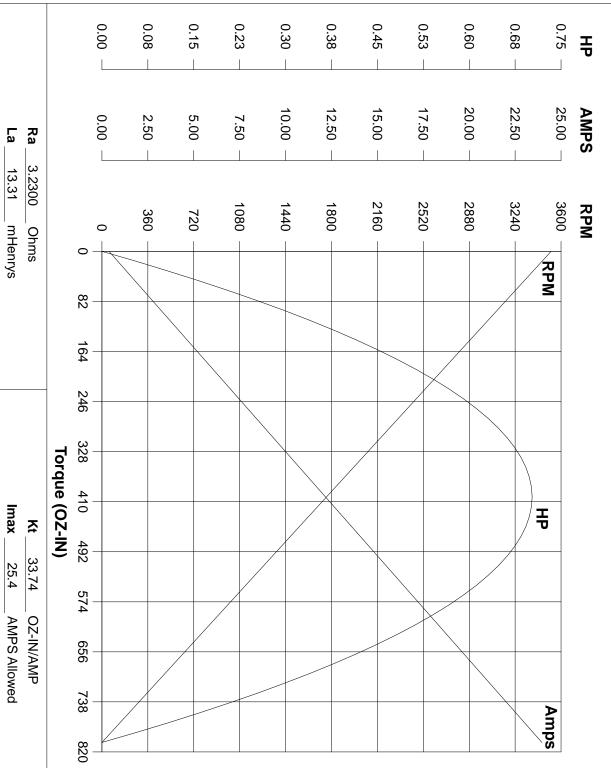
LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR

DIRECT CURRENT PERMANENT MAGNET MOTOR



5 of 5



Winding W-

MD312364

Prepared by

V. Boehlen

Date

02-26-2020

FL Torque

36.00 68.00

OZ-IN

FL EFF

Ja

5.152

24.95

V/KRPM OZ-IN^2