PRODUCT INFORMATION PACKET

Model No: CM31D17NZ10D

Catalog No: M1120044.00

..1/7 - 1/4HP..1750RPM - 3500RPM.31.TENV.12V - 24V...CONT.40C.1.0SF.SQ. FLANGE.CM31D17NZ10D.....DC SUB-FHP LOW VOLTAGE.....

Sub-Fractional



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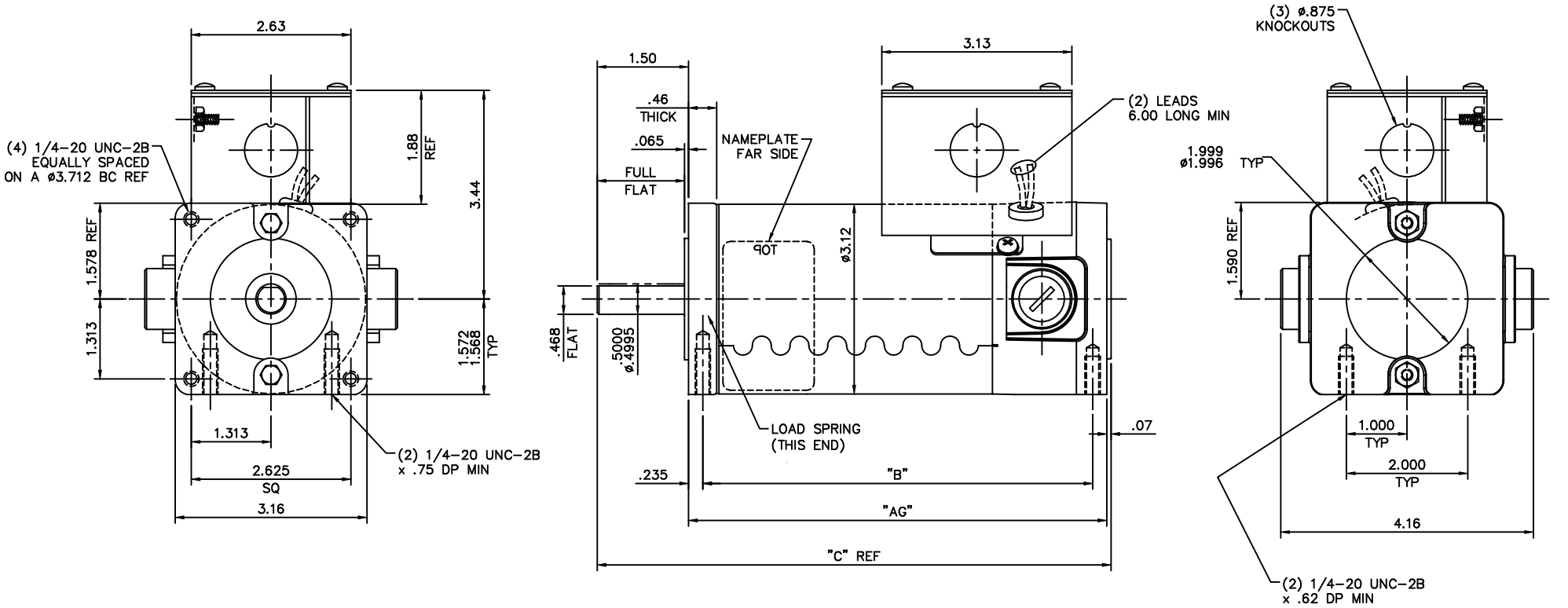
Nameplate Specifications

Output HP	**0.14-0.25 Hp**	Output KW	**0.1-0.19 kW**
Voltage	**12-24 V**	Current	**13.0 A**
Speed	**1750-3500 rpm**	Service Factor	**1**
Efficiency	**71.6 %**	Duty	**Continuous**
Insulation Class	**F**	Frame	**31**
Enclosure	**Totally Enclosed Non Ventilated**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6201-13**
Opp Drive End Bearing Size	**6201-13**	UL	**Recognized**
CSA	**Y**	CE	**Y**

Technical Specifications

Rotation	**Reversible**	Mounting	**Round**
Overall Length	**8.95 in**	Frame Length	**5.00 in**
Shaft Diameter	**0.500 in**	Shaft Extension	**1.5 in**
Outline Drawing	**M1031040-M1120044**	Connection Diagram	**M1005326**

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NOTES:
1) END CAP MOUNTING FEET TO BE PARALLEL TO EACH OTHER WITHIN .002

CATALOG NO.	"AG" DIM	"B" DIM	"C" DIM	VOLT	H.P.	RPM
M1120046.00	7.88	7.42	9.45	12-24	1/6-1/3	1800-3900
M1120044.00	7.38	6.92	8.95	12-24	1/7-1/4	1750-3500

NO.	REVISION	BY & DATE	CHK
02	ADDED M1120046.00 TO TABLE, ECN 07-1634	IPG 5/17/07	SAD
01	CORRECTED HP & RPM VALUES TO MATCH FRONT PAGE,	IPG 1/30/07	SAD
	PER SALES REQUEST		
00	RELEASED: REF. M1031034.00, 31 TT FR CONSOLIDATION,	IPG 12/13/06	SAD
	ECN 06-4435		

TOLERANCES UNLESS SPECIFIED: DEC. INCHES; .X ±.1; .XX ±.03; .XXX ±.005; .XXXX ±.0005; ANG ±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE 31 FRAME DC

MAT'L.

FINISH

CAD FILE M1031040

RFP

DIST

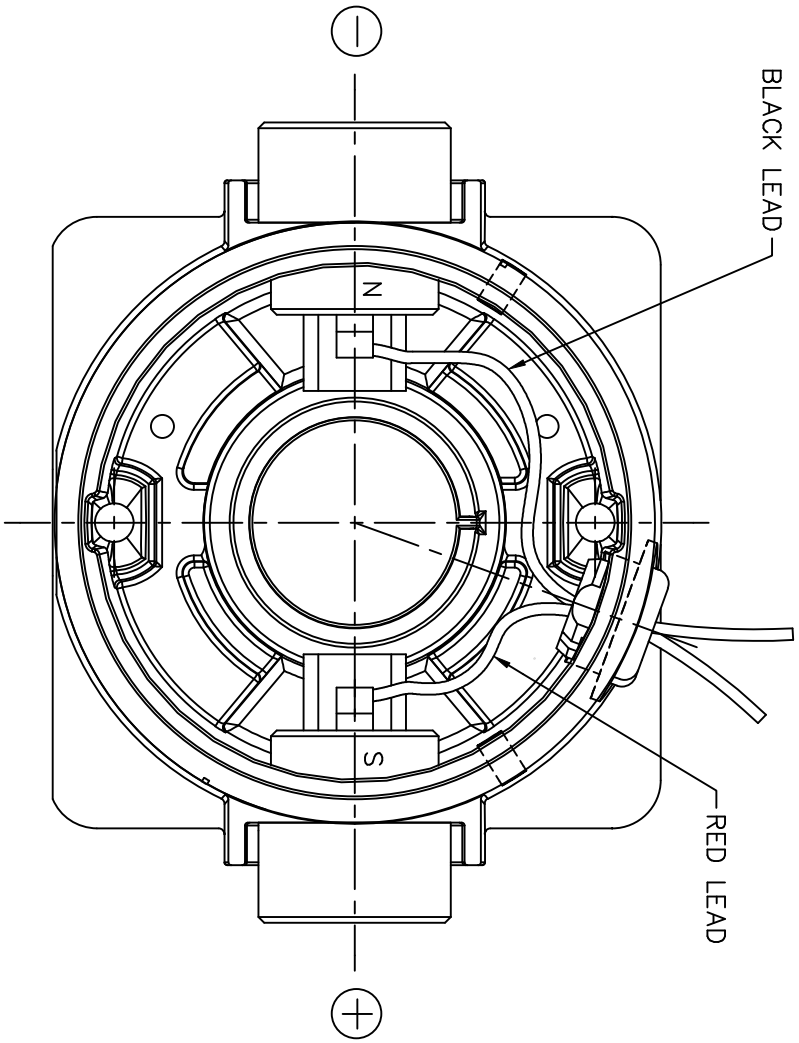
DRAWN IPG 12/13/06; CHK SAD 12/13/06; APPD

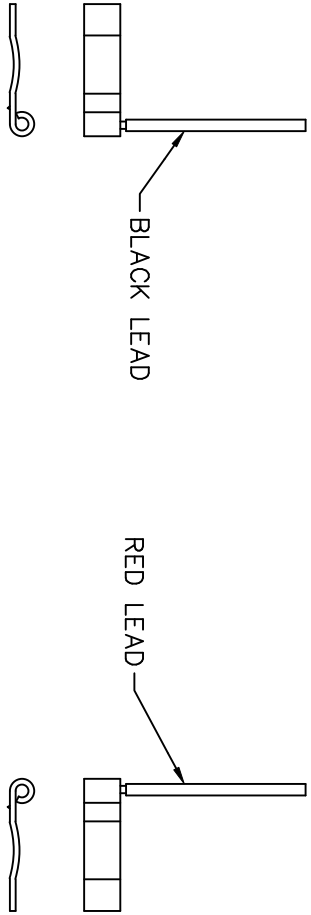
SCALE 5=8; REF M1031034.00; FMF M1120044.00; PREV

SIZE B; DRAWING NO. M1031040.00; REV. 02

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M1005326.01





D.C. MOTORS

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

				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN IPG 12/13/06
				DEC.	INCHES		CHK SAD 12/13/06
				.X	±.1		APPD
				.XX	±.01	TITLE CONNECTION DIAGRAM	SCALE 1=1
				.XXX	±.005		REF M1005321.01
00	RELEASED PER 31 TT FR CONSOLIDATION, ECN 06−4435	IPG 12/13/06	SAD	.XXXX	±.0005	MAT'L.	FMF M1120044.00
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PREV

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