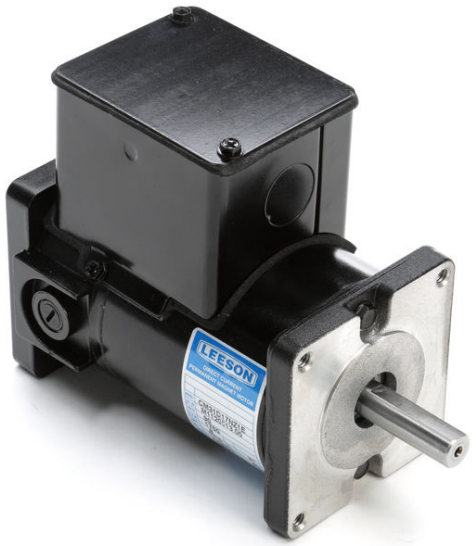
PRODUCT INFORMATION PACKET

Model No: 980.535E
Catalog No: M1110003.00
1/25HP.1750RPM.25.TENV.90V.CONT.40C.1.0SF.SQ. FLANGE.DC SUB-FHP.980.535E
Sub-Fractional



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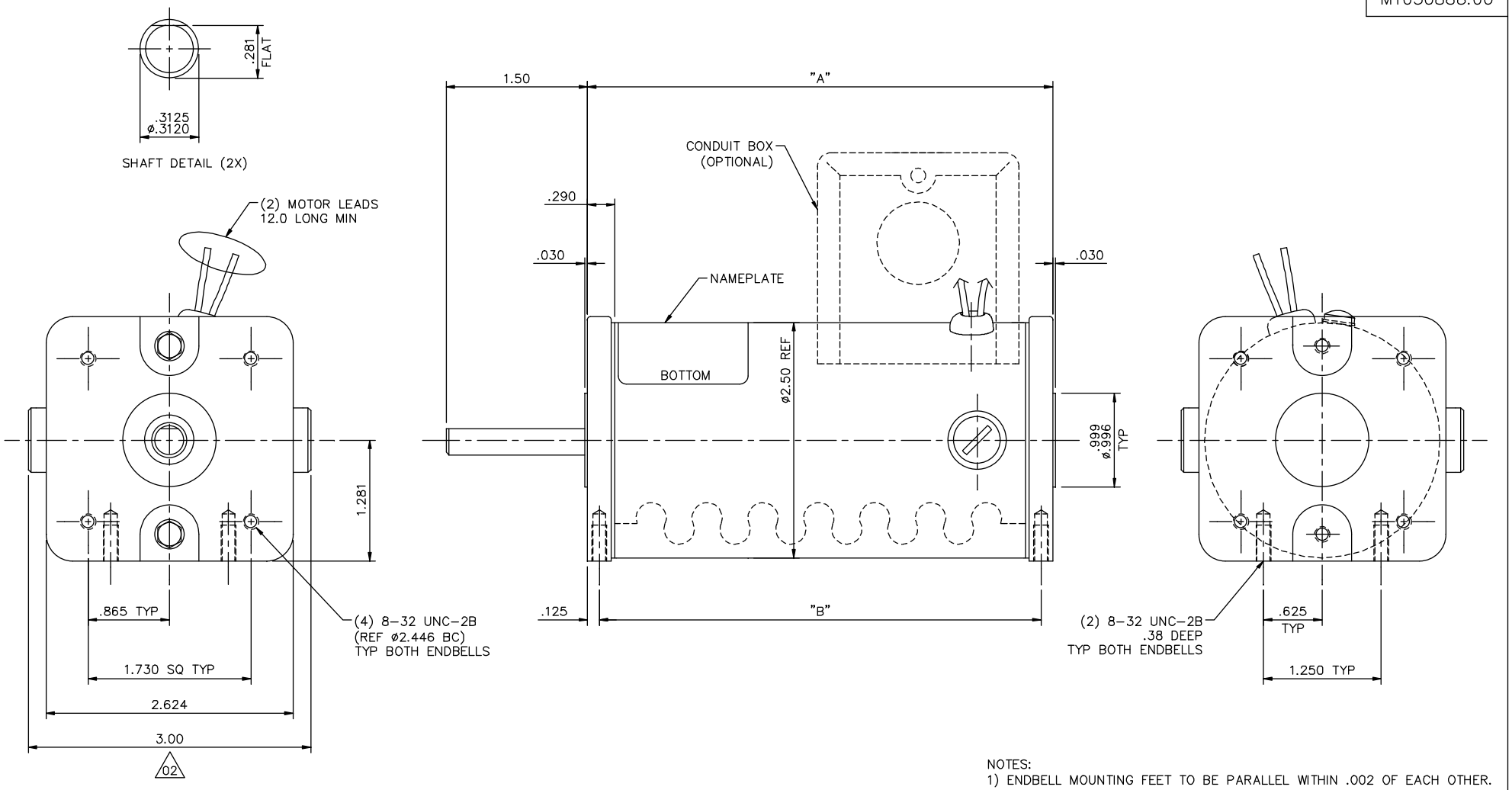
Nameplate Specifications

Output HP	**0.04 Hp**	Output KW	**0.03 kW**
Voltage	**90 V**	Current	**0.70 A**
Speed	**1750 rpm**	Service Factor	**1**
Efficiency	**47.8 %**	Duty	**Continuous**
Insulation Class	**H**	Frame	**25**
Enclosure	**Totally Enclosed Non Ventilated**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**608-S**
Opp Drive End Bearing Size	**608-S**	UL	**Recognized**
CSA	**Y**	CE	**Y**

Technical Specifications

Rotation	**Reversible**	Mounting	**Round**
Overall Length	**6.44 in**	Frame Length	**4.36 in**
Shaft Diameter	**0.312 in**	Shaft Extension	**1.5 in**
Outline Drawing	**M1030888-M1110003**	Connection Diagram	**M100526101**

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NOTES:
1) ENDBELL MOUNTING FEET TO BE PARALLEL WITHIN .002 OF EACH OTHER.

CAT. NO.	"A"	"B"	VOLTS	H.P.	RPM
M1110003.00	4.94	4.69	90	1/25	1750
M1110006.00	4.94	4.69	12–24	1/20–1/10	1750–4200
M1110014.00	4.08	3.83	90	1/25	3500
M1110015.00	4.94	4.69	90	1/15	3500

NO.	REVISION	BY & DATE	CHK
02	ADDED 3.00 DIM TO BRUSHES, ECR 82273	IPG 1/26/2004	SAD
01	ADDED TABLE PER 25 FRAME CONVERSION	IPG 8/18/03	SAD

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

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE 25 FRAME DC

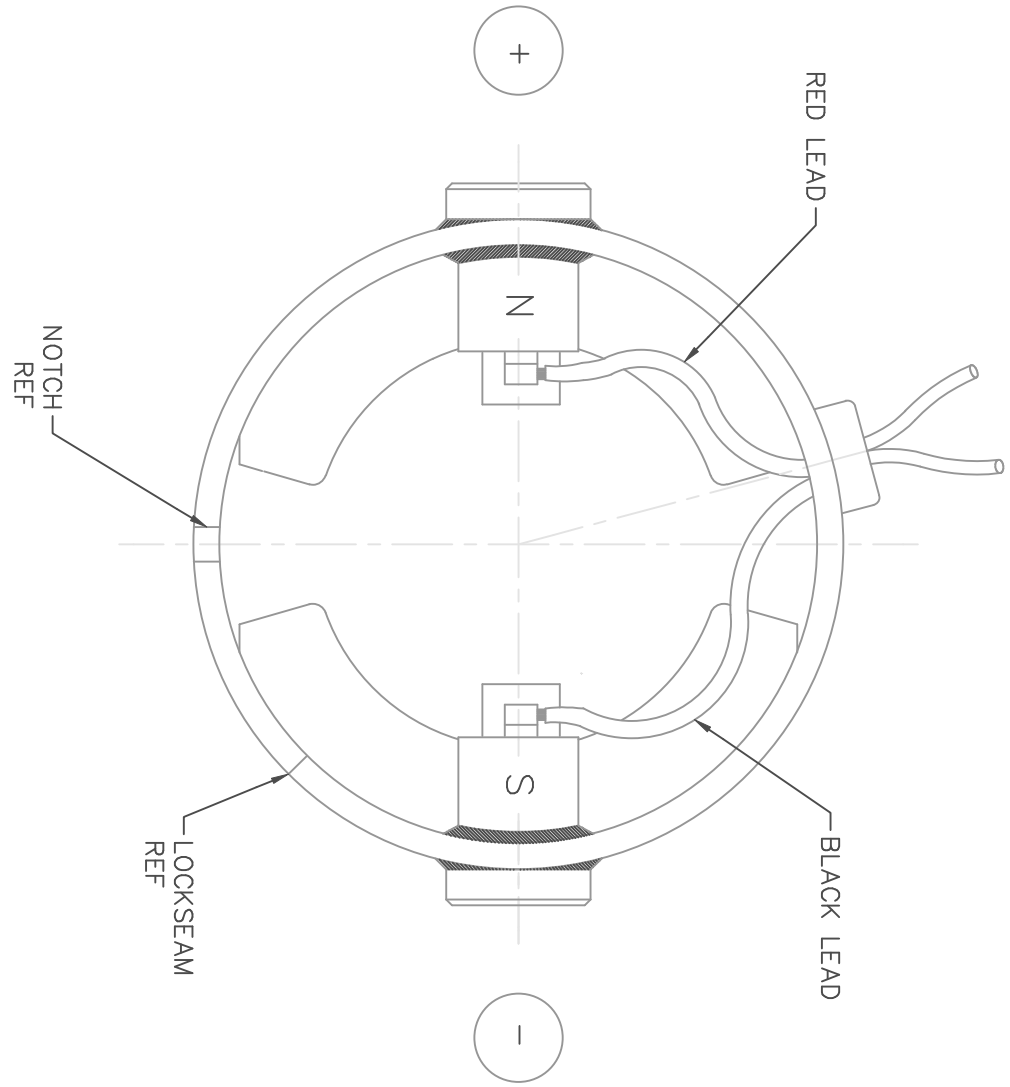
MAT'L.
FINISH
CAD FILE M1030888
RFP
DIST

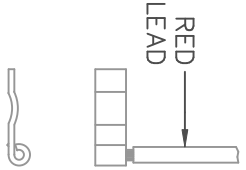
DRAWN SAD 7/15/03
CHK IPG 7/16/03
APPD
SCALE 1=1
REF PR020584
FMF M1110014.00
PREV

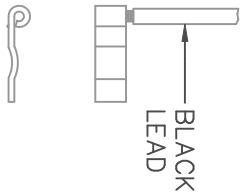
SIZE B | DRAWING NO. M1030888.00 | REV. 02

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12/5/2012 1:33:02 PM - Converted by Connexus







DC MOTORS

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

NO.	REVISION	BY & DATE	CHK
02	CORRECTED "N" & "S", ADDED TRU−TORQ TO THE TITLE	IPG 3/1/2004	SAD
	BLOCK AND ORACLE DESCRIPTION, ECR 83989		
01	CORRECTED "N" & "S", ECR 83508	SMB 01/21/04	IPG

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE	CONNECTION DIAGRAM TRU−TORQ
MAT'L.	SEE ABOVE
FINISH	
CAD FILE	M100526101
RFP	
DIST	

DRAWN	SAD 06/20/03
CHK	IPG 06/20/03
APPD	
SCALE	1=1
REF	PR020584
FMF	M1110014.00
PREV	

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SIZE	DRAWING NO.	REV.
A	M1005261.01	02

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