PRODUCT INFORMATION PACKET

LEESON®

Model No: CM34D25NZ72C
Catalog No: M1135140.00
...180:1.14RPM.341LBIN.1/8HP.34....180V..TENV
PE350 Series

REGAL®

LEESON®

Nameplate Specifications

Output HP	**0.13 Hp**	Output KW	**0.10 kW**
Voltage	**180 V**	Current	**0.50 A**
Speed	**14 rpm**	Service Factor	**1**
Efficiency	**47.4 %**	Duty	**Continuous**
Insulation Class	**F**	Frame	**34**
Enclosure	**Totally Enclosed Non Ventilated**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6201**
Opp Drive End Bearing Size	**608**	UL	**Recognized**
CSA	**Y**	CE	**Y**

Technical Specifications

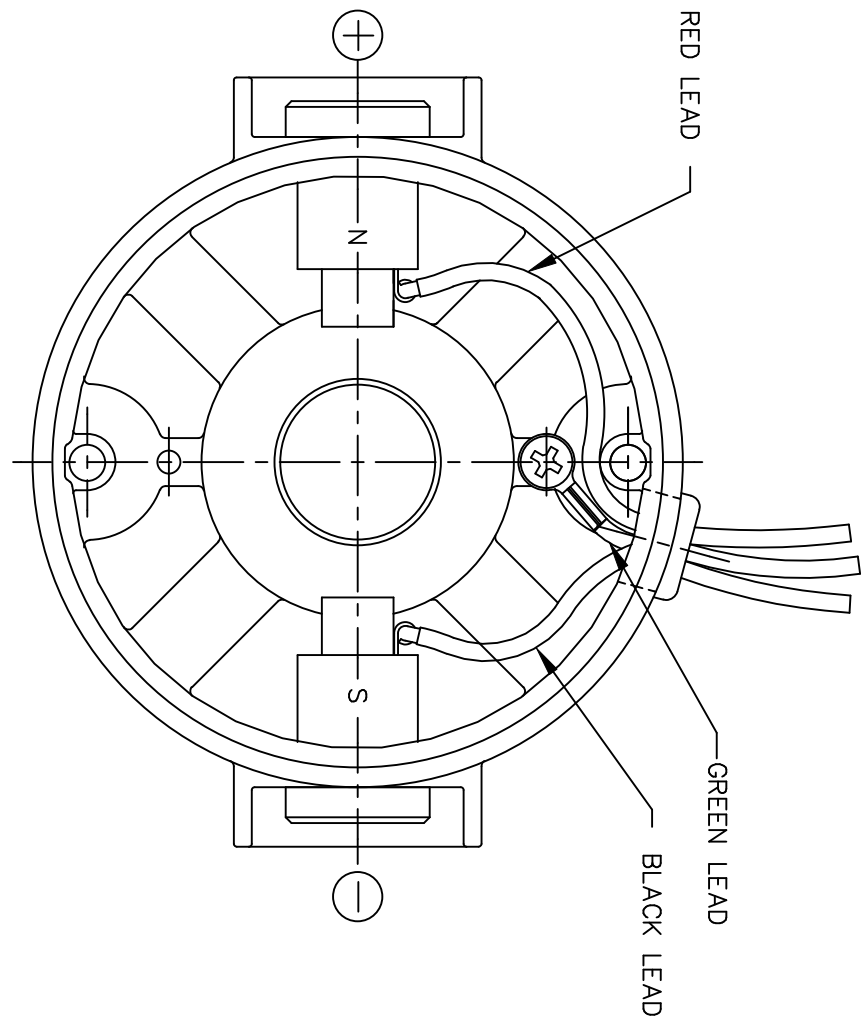|			
Rotation	**Reversible**	Mounting	**Special**
Shaft Type	**Parallel**	Overall Length	**11.31 in**
Frame Length	**4.06 in**	Shaft Diameter	**0.750 in**
Shaft Extension	**1.625 in**		
Outline Drawing	**M1030693-M1135140**	Connection Diagram	**M100512401**

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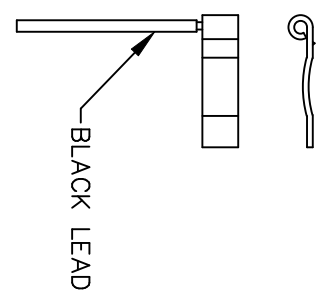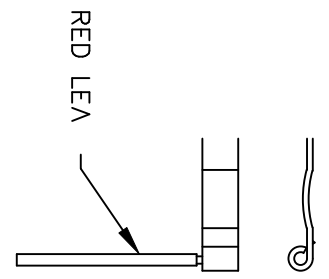
M1030693.00

Dimension callouts (engineering drawing):
- 5.00
- 3.625 REF
- 2.63 REF
- 1.812
- (4) 1/4-28 UNF-2B x .59 MIN. DEEP (ø5.125 B.C. REF.)
- .19 x .19 x 1.00 LG KEY
- 3.64 REF
- 6.75 REF
- .912
- 3.625
- 4.93
- 2.50
- .28 TYP
- 5.00
- 6.00
- .18 REF
- "XL" REF
- 2.00 ±.03
- "XH" ±.03
- 3.45
- .375
- 1.03
- .750 / ø.749
- .900 REF
- 4.00
- "L" BRACKET (OPTIONAL)
- 1.50
- .50 TYP
- 2.500
- 4.50
- NAMEPLATE
- TOP
- ø3.38
- 3.13
- (3) LEADS 12.00 LG MIN
- CONDUIT BOX (OPTIONAL)
- LOADING SPRING AT THIS END
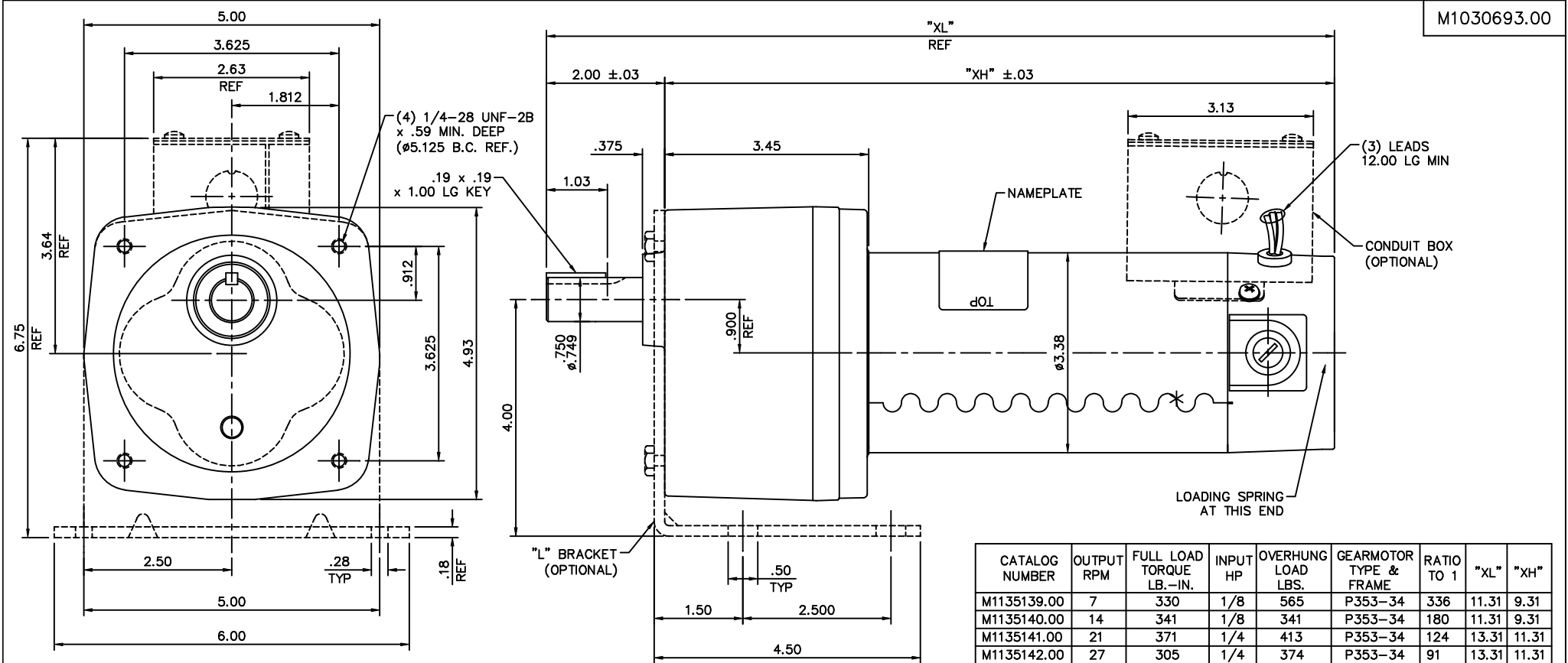
CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XL"	"XH"
M1135139.00	7	330	1/8	565	P353-34	336	11.31	9.31
M1135140.00	14	341	1/8	341	P353-34	180	11.31	9.31
M1135141.00	21	371	1/4	413	P353-34	124	13.31	11.31
M1135142.00	27	305	1/4	374	P353-34	91	13.31	11.31
M1135143.00	42	280	1/4	327	P353-34	58	13.31	11.31
M1135144.00	50	250	1/4	315	P353-34	50	13.31	11.31
M1135145.00	62	220	1/4	303	P353-34	43	13.31	11.31
M1135146.00	83	155	1/4	267	P352-34	29	13.31	11.31
M1135147.00	125	100	1/4	256	P352-34	22.67	13.31	11.31
M1135148.00	165	70	1/4	232	P352-34	15	13.31	11.31
M1135149.00	250	45	1/4	201	P352-34	10.6	13.31	11.31
M1135150.00	500	25	1/4	194	P352-34	5.44	13.31	11.31

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE — 34 FRAME D.C. PE350 GEARBOX 180 VOLTS

DRAWN SAD 02/04/99
CHK
APPD
SCALE 5=8
REF M1030589.00
FMF M1135139.00
PREV

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

02	1/4-28 UNF-2B TAPS WERE .63 DEEP PER ECR81849.	RPB 11/25/03	BC
01	UPDATED TO CATALOG INFORMATION PER K.K.	CAS 10/31/00	SAD
NO.	REVISION	BY & DATE	CHK

MAT'L.
FINISH LEESON
CAD FILE M1030693
RFP
DIST

SIZE B
DRAWING NO. M1030693.00
REV. 02

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RED LEAD

RED LEAD

BLACK LEAD

GREEN LEAD

D.C. MOTORS

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

NO.	REVISION	BY & DATE			
07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	
06	REMOVED GROUND HOLE	TMZ	3/16/95		
05	REVERSE ROTATION WAS CW	SPV	6/3/94		
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93		
03	REVISED ROTATION NOTE	DWF	1/6/93		
02	ADDED GREEN LEAD	DWF	8/1/92		

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

MAT'L.

FINISH

DRAWN	SPV 12/10/91
CHK	DWF 5/20/92
APPD	
SCALE	1=1
REF	
FMF	M9131D2N22
PREV	

RFP

DIST

CAD FILE   M100512401

SIZE A

DRAWING NO.   M1005124.01   REV. 07