

# PRODUCT INFORMATION PACKET



Model No: CM34D25NZ11C

Catalog No: M1135043.00

...30:1.83RPM.125LBIN.1/4HP.34...DC GEARMOTORS SUB-FHP.90V..TENV.CM34D25NZ11C  
Right Angle



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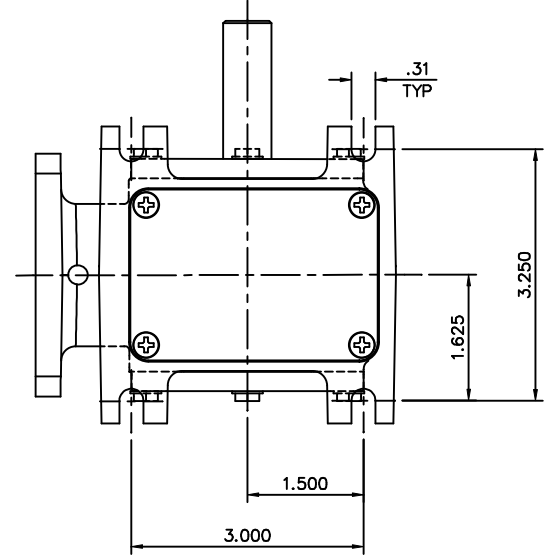
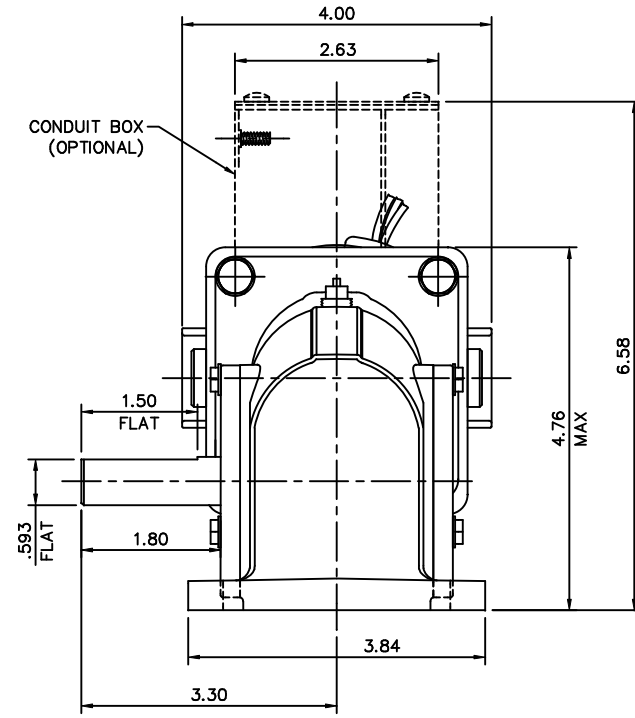
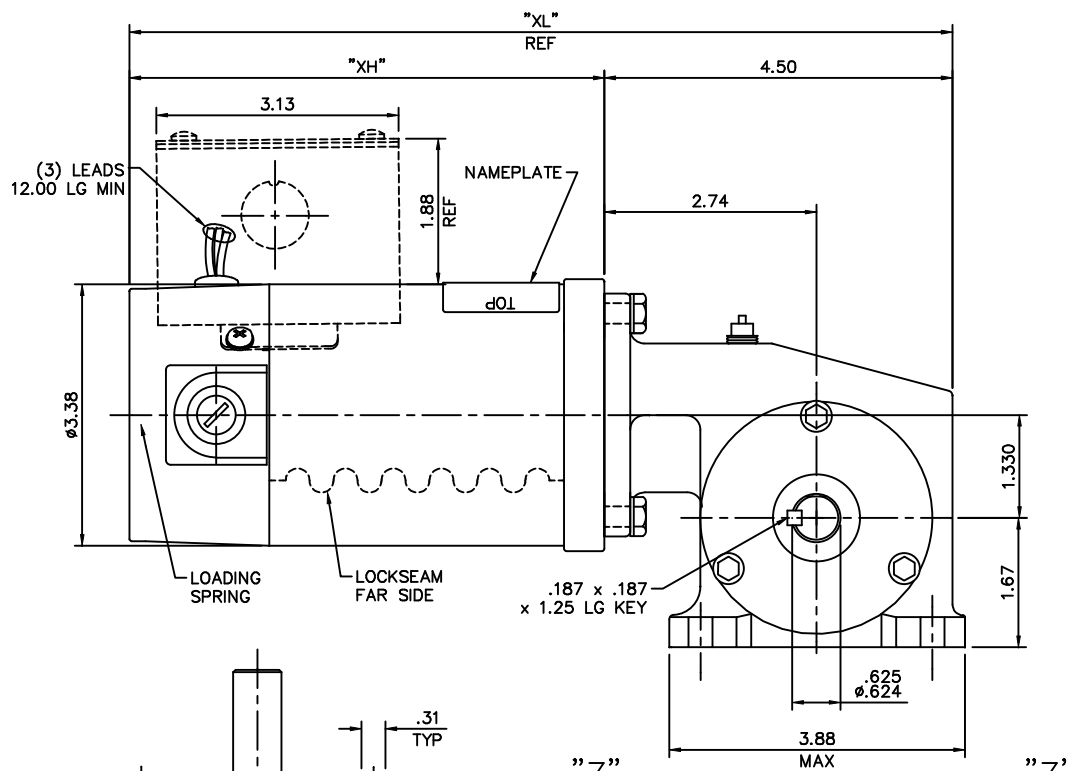
### Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	90 V	Current	2.3 A
Speed	83 rpm	Service Factor	1
Efficiency	34.4 %	Duty	Continuous
Insulation Class	H	Frame	34
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6201
Opp Drive End Bearing Size	6201	UL	Recognized
CSA	Y	CE	Y

### Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Right Angle	Overall Length	12.64 in
Frame Length	5.81 in	Shaft Diameter	0.625 in
Shaft Extension	1.8 in		
Outline Drawing	M1030350-M1135043	Connection Diagram	M100512401

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VIEW Z-Z

CATALOG NUMBER	SPEED RANGE RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XH"	"XL"
M1135069.00	42-7	80	1/8	235	13F60-34C	60	6.14	10.64
M1135038.00	62-1	70	1/8	235	13F40-34C	40	6.14	10.64
M1135039.00	125-2.1	45	1/8	235	13F20-34C	20	6.14	10.64
M1135040.00	250-4	25	1/8	235	13F10-34C	10	6.14	10.64
M1135041.00	500-8	13	1/8	235	13F05-34C	5	6.14	10.64
M1135046.00	500-8	30	1/4	235	13F05-34G	5	8.14	12.64
M1135045.00	250-4	50	1/4	235	13F10-34G	10	8.14	12.64
M1135044.00	125-2.1	90	1/4	235	13F20-34G	20	8.14	12.64
M1135043.00	83-1.4	125	1/4	235	13F30-34G	30	8.14	12.64
M1135042.00	62-1	135	1/4	235	13F40-34G	40	8.14	12.64

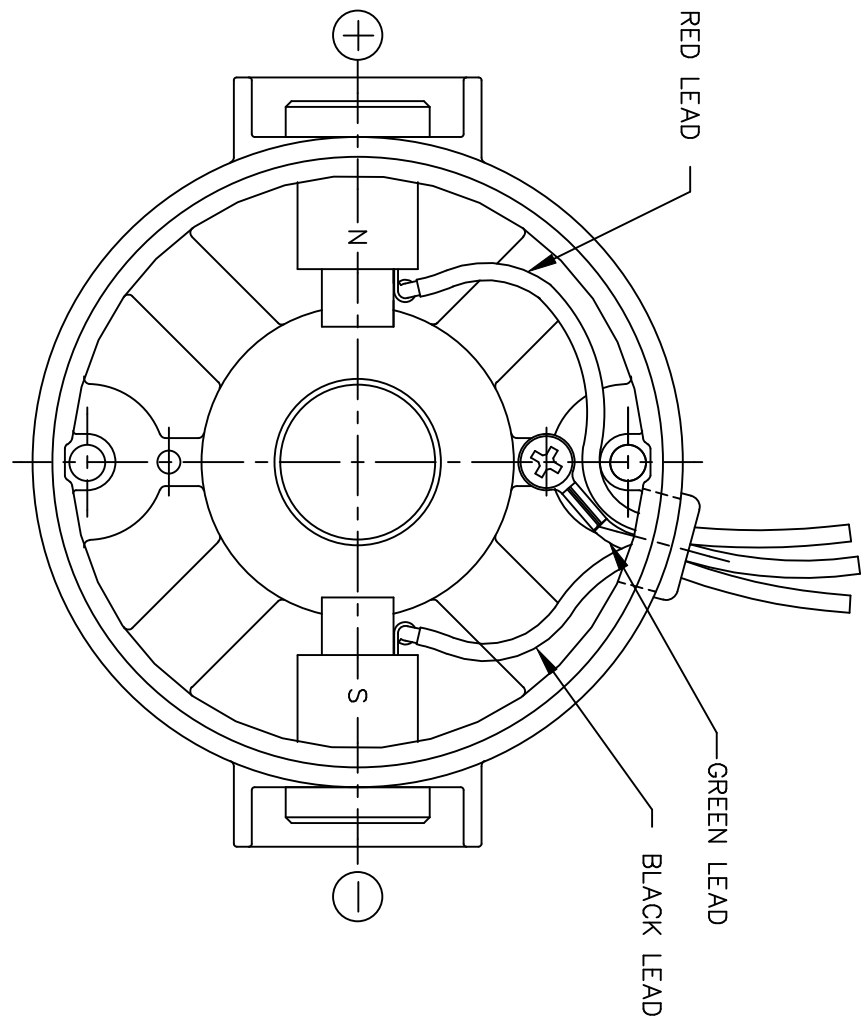
14	CHANGED TO DIE CAST GEARBOX PER ECN 06-3023.	RPB 7/7/06	BC	TOLERANCES UNLESS SPECIFIED	<b>LEESON</b> ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN DWF 11/30/93
13	DIM 2.74 WAS 2.76 AND CORRECTED GEARBOX MTG SCREW BOLT HEADS PER ECR 88062	SAD 11/30/05	KLS	DEC. INCHES		CHK
12	CORRECTED VIEW "Z-Z" PER OTHER TWO VIEWS PER ECR 73469	BPW 03/15/02	SAD	.XX ±.03 .XXX ±.005	TITLE	SCALE 5=8
11	KEY LENGTH WAS 1.00 ECR 69990	SAD 08/28/99		.XXXX ±.0005	MAT'L	REF M1135049.99
NO.	REVISION	BY & DATE	CHK	ANG ±1/2"	FINISH	FMF M1135046.00
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					CAD FILE	SIZE
					M1030350	DRAWING NO.
					B	M1030350.00
					DIST	REV.
						14

ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--

STACK:

220 /Ucircumflex  
219 /Uacute  
218 /Ugrave  
217 /Oslash  
216 /multiply  
215 /Odieresis  
214 /Otilde  
213 /Ocicumflex  
212 /Oacute  
211 /Ograve  
210 /Ntilde  
209 /Eth  
208 /Idieresis  
207 /Icircumflex  
206 /Iacute  
205 /Igrave  
204 /Edieresis  
203 /Ecircumflex  
202 /Eacute  
201 /Egrave  
200 /Ccedilla  
199 /AE  
198 /Aring  
197 /Adieresis  
196 /Atilde  
195 /Acicumflex  
194 /Aacute  
193 /Agrave  
192 /questiondown  
191 /threequarters  
190 /onehalf  
189 /onequarter  
188 /guillemotright  
187 /ordmasculine

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

07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	TOLERANCES UNLESS SPECIFIED		<b>LEESON</b>	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SPV 12/10/91	
06	REMOVED GROUND HOLE	TMZ	3/16/95	DEC.	INCHES				CHK	DWF 5/20/92	
05	REVERSE ROTATION WAS CW	SPV	6/3/94	.X	±.1		APPD		SCALE	1=1	
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.XX	±.01		TITLE	CONNECTION DIAGRAM		REF	
03	REVISED ROTATION NOTE	DWF	1/6/93	.XXX	±.005		MAT'L.	FMF		M9131D2N22	
02	ADDED GREEN LEAD	DWF	8/1/92	.XXXX	±.0005			FINISH	PREV		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"		DRAWING NO.		REV.		
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				DIST							