

PRODUCT INFORMATION PACKET



Model No: CM34D25NZ18C

Catalog No: M1135069.00

...60:1.42RPM.80LBIN.1/8HP.34...DC GEARMOTORS SUB-FHP.90V..TENV.CM34D25NZ18C
Right Angle



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REGAL



Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Current	1.4 A
Speed	42 rpm	Service Factor	1
Efficiency	20.9 %	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	608	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Right Angle	Overall Length	10.64 in
Frame Length	3.81 in	Shaft Diameter	0.625 in
Shaft Extension	1.8 in		
Outline Drawing	M1030350-M1135069	Connection Diagram	M100512401

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Technical drawing of a mechanical assembly, likely a lock or latch mechanism, showing front and side views with dimensions and labels.

Front View Dimensions:

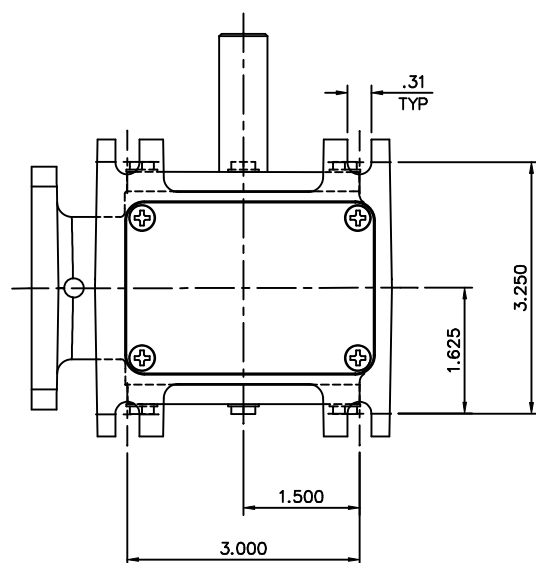
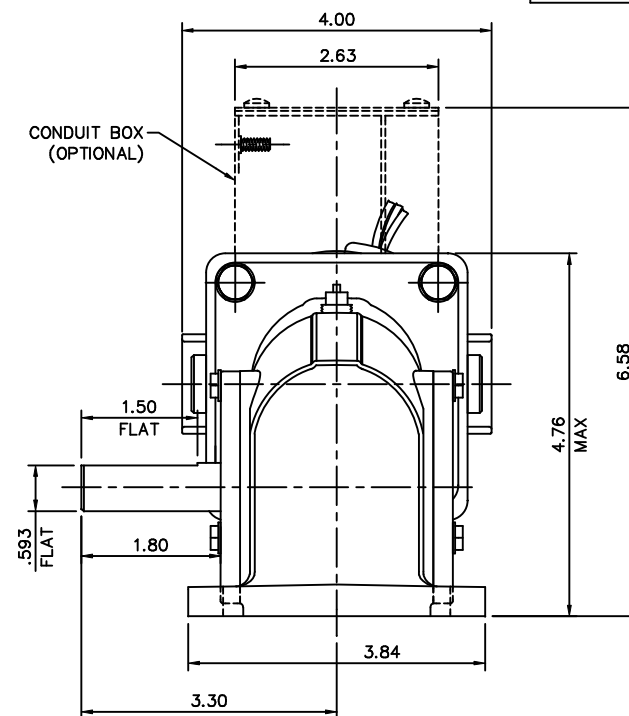
- Overall width: "XL" REF
- Distance from left edge to center of circular feature: "XH"
- Distance from center of circular feature to right edge: 4.50
- Distance from left edge to center of circular feature: 3.13
- Distance from center of circular feature to right edge: 1.88 REF
- Distance from left edge to center of circular feature: 12.00 LG MIN
- Distance from left edge to center of circular feature: 3.38
- Distance from left edge to center of circular feature: 1.67
- Distance from left edge to center of circular feature: 1.330
- Distance from left edge to center of circular feature: .625
- Distance from left edge to center of circular feature: .624
- Distance from left edge to center of circular feature: 3.88 MAX

Labels:

- (3) LEADS
- 12.00 LG MIN
- NAMEPLATE
- TOP
- LOADING SPRING
- LOCKSEAM FAR SIDE
- .187 x .187 x 1.25 LG KEY

Side View Dimensions:

- Distance from left edge to center of circular feature: .31 TYP



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	63-1.4	125	1/4	235	13F30-34G	30	8.14	12.64
M1135042.00	82-1	135	1/4	235	13F40-34G	40	8.14	12.64

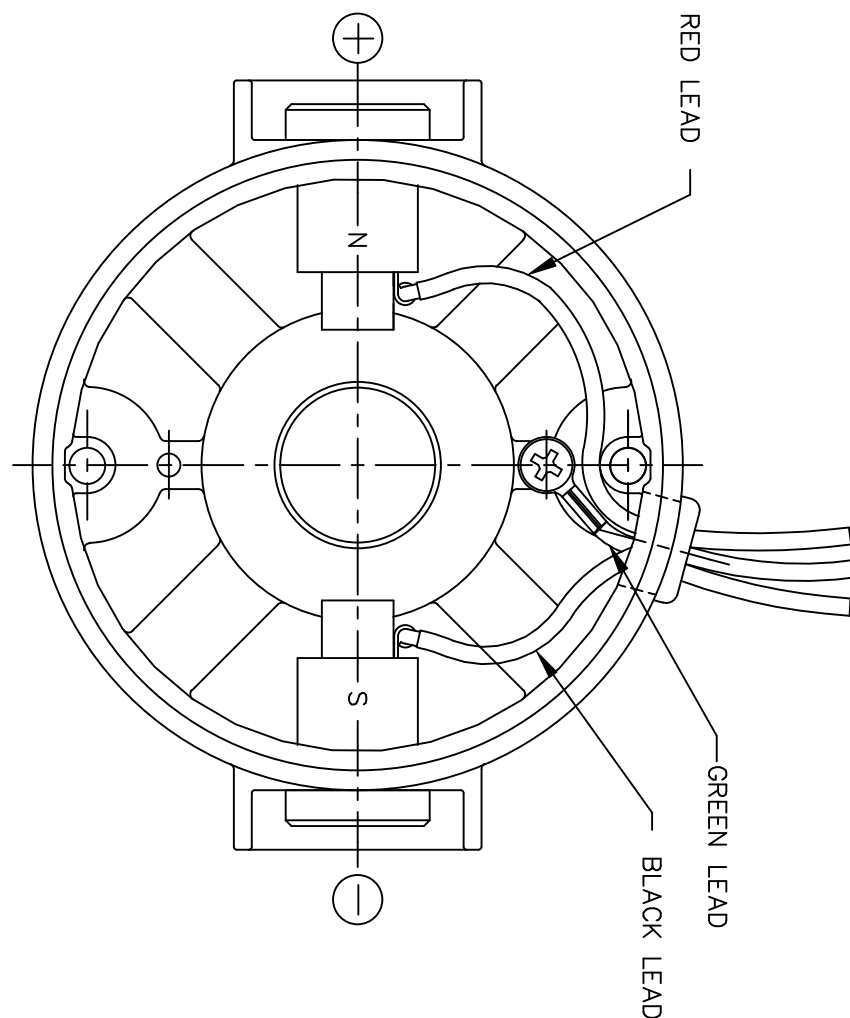
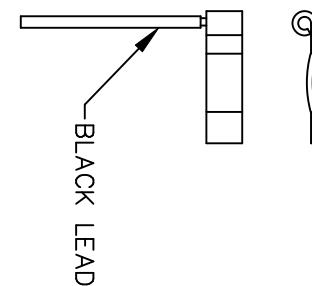
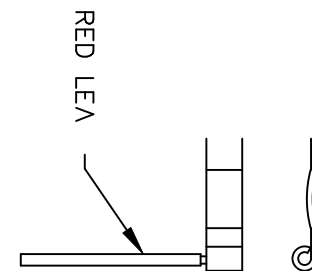
14	CHANGED TO DIE CAST GEARBOX PER ECN 06-3023.	RPB 7/7/06	BC	TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	DWF	11/30/93	
13	DIM 2.74 WAS 2.76 AND CORRECTED GEARBOX MTG	SAD 11/30/05	KLS	DEC. INCHES			CHK			
	SCREW BOLT HEADS PER ECR 88062			.X ±.1			APPD			
12	CORRECTED VIEW "Z-Z" PER OTHER TWO VIEWS	BPW 03/15/02	SAD	.XX ±.03			TITLE	OUTLINE 34 FRAME DC	SCALE	5=8
	PER ECR 73469			.XXX ±.005		13 SERIES 90V GEARMOTOR	REF	M113504.99		
11	KEY LENGTH WAS 1.00 ECR 69990	SAD 08/28/99		.XXXX ±.0005	MATL.		FMF	M113504.00		
NO.	REVISION	BY & DATE	CHK	ANG ±1/2"	FINISH	LEESON	PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT					RFP	CAD FILE	M1030350	SIZE	DRAWING NO.	
					DIST			B	M1030350.00	
									REV	

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

220 /Ucircumflex
219 /Uacute
218 /Ugrave
217 /Oslash
216 /multiply
215 /Odieresis
214 /Otilde
213 /Ocircumflex
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 /Acircumflex
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	 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		
04	CHANGED ROTATION FROM CCW TO CW	MJS	3/9/93	.XX	±.01		SCALE	1=1	
03	REVISED ROTATION NOTE	DWF	1/6/93	.XXX	±.005	TITLE	CONNECTION DIAGRAM	REF	
02	ADDED GREEN LEAD	DWF	8/1/92	.XXXX	±.0005		MAT'L.	FMF	M9131D2N22
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV	
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				DIST			A	M1005124.01	07