

# PRODUCT INFORMATION PACKET



Model No: M1135040.00  
Catalog No: M1135040.00  
Right Angle Gearmotor, 0.13 HP, 90 V, 250 RPM, 34 Frame, TENV



Regal and LEESON are trademarks of Regal Rexnord Corporation or one of its affiliated companies.  
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E





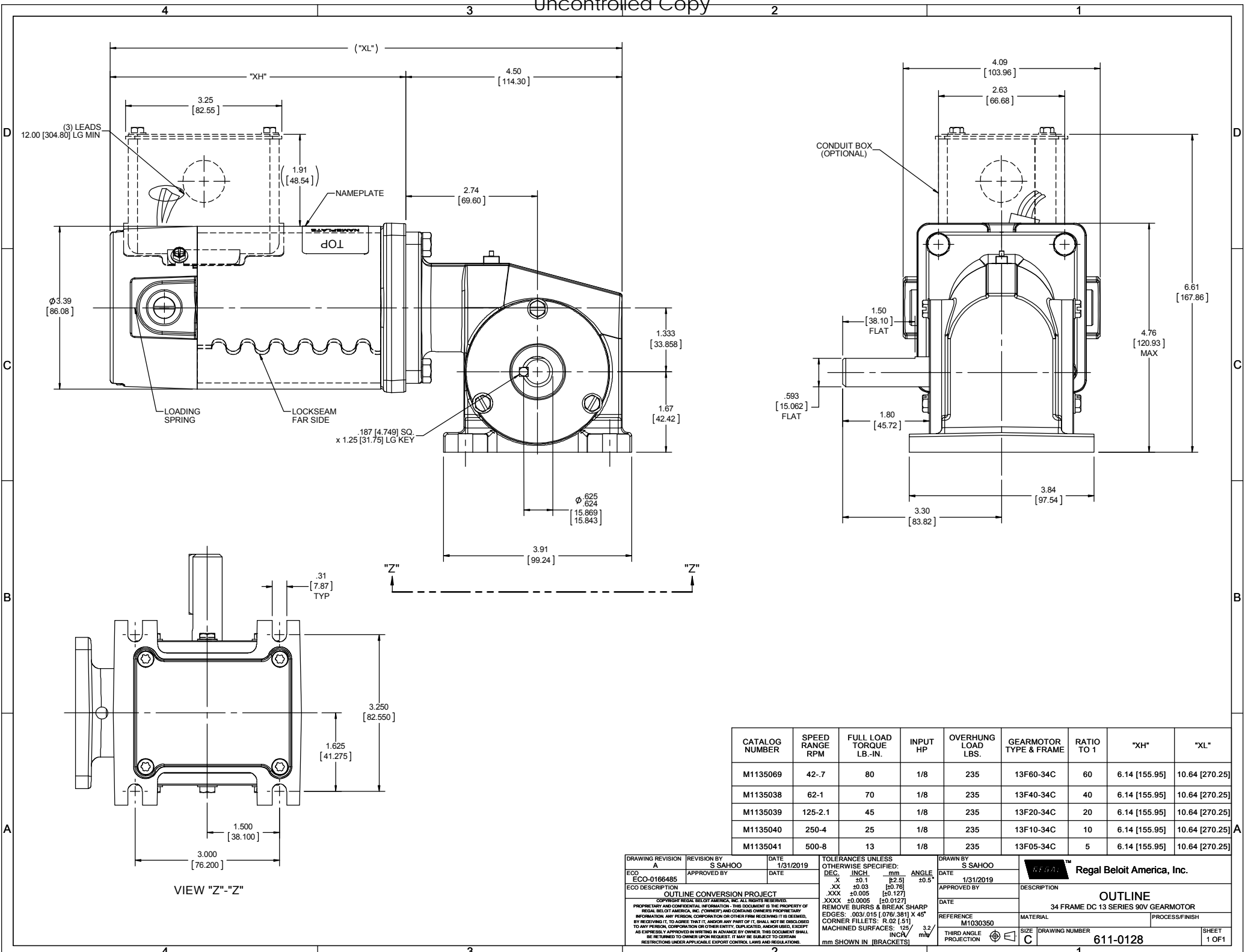
**Nameplate Specifications**

Output HP	0.13 Hp	Output KW	0.10 kW
Voltage	90 V	Speed	250 rpm
Service Factor	1.0	Frame	34
Enclosure	Totally Enclosed Non Ventilating	Thermal Protection	No Protection
Efficiency	35.4 %	Ambient Temperature	40 °C
Current	1.4 A	Duty	Continuous
Insulation Class	H	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	Torque	25 LB-IN
Connection Drawing	M100512401	Outline Drawing	611-0128-M1135040

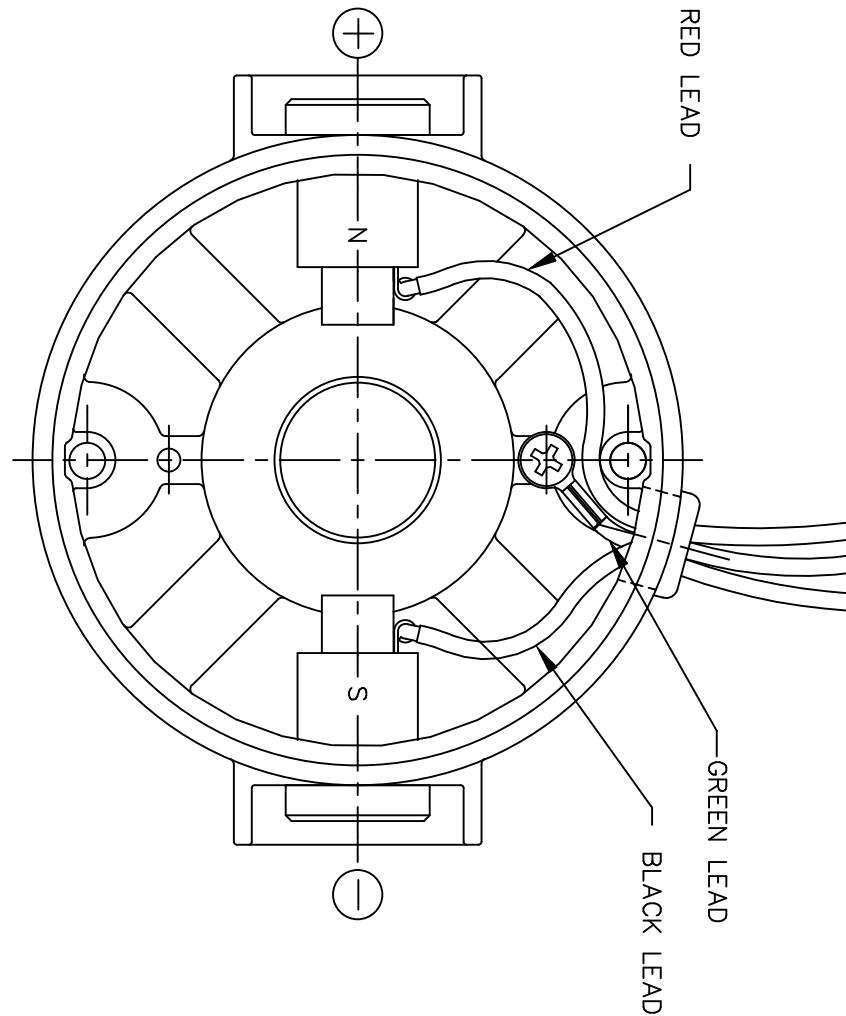
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:04/08/2025



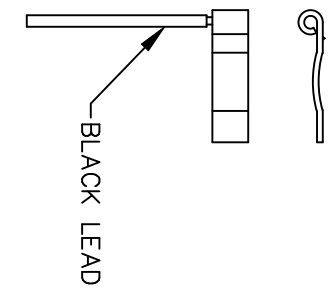
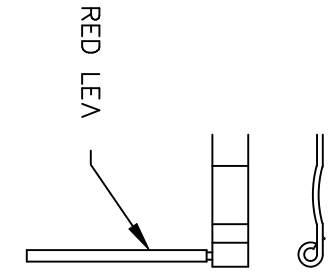
CATALOG NUMBER	SPEED RANGE RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XH"	"XL"
M1135069	42-7	80	1/8	235	13F60-34C	60	6.14 [155.95]	10.64 [270.25]
M1135038	62-1	70	1/8	235	13F40-34C	40	6.14 [155.95]	10.64 [270.25]
M1135039	125-2.1	45	1/8	235	13F20-34C	20	6.14 [155.95]	10.64 [270.25]
M1135040	250-4	25	1/8	235	13F10-34C	10	6.14 [155.95]	10.64 [270.25]
M1135041	500-8	13	1/8	235	13F05-34C	5	6.14 [155.95]	10.64 [270.25]

DRAWING REVISION A	REVISION BY S SAHOO	DATE 1/31/2019	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [2.5] ±0.5° .XX ±0.03 [0.76] .XXX ±0.005 [0.127] .XXXX ±0.0005 [±0.0127]	DRAWN BY S SAHOO
ECO-0166485	APPROVED BY	DATE	REMOVE BURRS & BREAK SHARP EDGES: .0031 [0.078] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: .125 / INCH / 3.2 / mm SHOWN IN [BRACKETS]	DATE 1/31/2019
ECO DESCRIPTION OUTLINE CONVERSION PROJECT COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION. THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. OWNERS AND CONTAINS OWNERS PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.			APPROVED BY	DESCRIPTION OUTLINE 34 FRAME DC 13 SERIES 90V GEARMOTOR
			REFERENCE M1030350	MATERIAL PROCESS/FINISH
			THIRD ANGLE PROJECTION	SIZE [DRAWING NUMBER] C 611-0128
				SHEET 1 OF 1

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

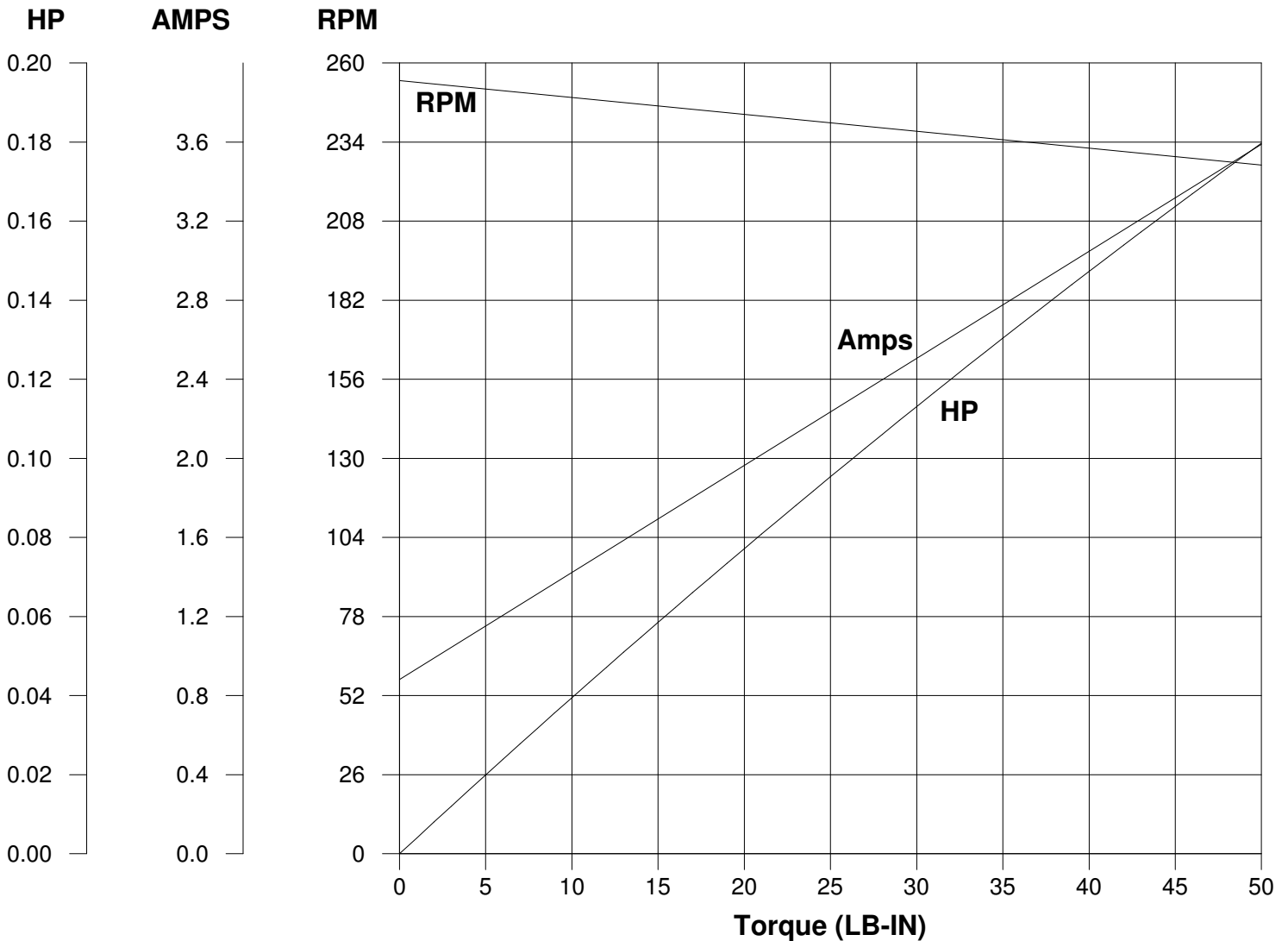


07	CORRECTED "N" & "S", ECR 80000 (PER BC)	VS	8/14/02	BC	TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SPV 12/10/91		
06	REMOVED GROUND HOLE	TMZ	3/16/95	DEC.	INCHES				CHK	DWF 5/20/92		
05	REVERSE ROTATION WAS CW	SPV	6/3/94	.X	±.1		APPD		SCALE	1=1		
04	CHANGED ROTATION FROM 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"		CAD FILE		M100512401	SIZE	DRAWING NO.	REV.
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	DIST				A	M1005124.01		07

# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

<b>Model No.</b> <u>CM34D25NZ8</u>	<b>Catalog No.</b> <u>M1135040.00</u>	
<b>HP</b> <u>0.125</u>	<b>RPM</b> <u>250</u>	<b>DC Volts</b> <u>90.0</u>
<b>F.F.</b> <u>1.38</u>	<b>Encl</b> <u>TENV</u>	<b>Type</b> <u>DN</u>
<b>Max. Amb.</b> <u>40.0 Deg C</u>	<b>Insul.</b> <u>H</u>	<b>Frame</b> <u>34</u>
		<b>N.P. FLA</b> <u>1.40</u>
		<b>S.F.</b> <u>1.00</u>
		<b>Duty</b> <u>Cont</u>



**Ra** 4.6000 Ohms  
**La** 15.80 mHenrys  
**Ja** 0.3220 LB-IN<sup>2</sup>  
**Ke** 33.58 V/KRPM

**Kt** 2.839 LB-IN/AMP  
**Imax** 21.5 AMPS Allowed  
**FL Torque** 25.00 LB-IN  
**FL EFF** 35.40 %

**Winding W-** MD342195-1      **Prepared by** V. Boehlen      **Date** 11-21-2005