

# PRODUCT INFORMATION PACKET



Model No: CM34D25NZ78A

Catalog No: M1135146.00

PE350...29:1.83RPM.155LBIN.1/4HP.34...DC GEARMOTORS SUB-FHP.180V..TENV.CM34D25NZ78A  
PE350 Series



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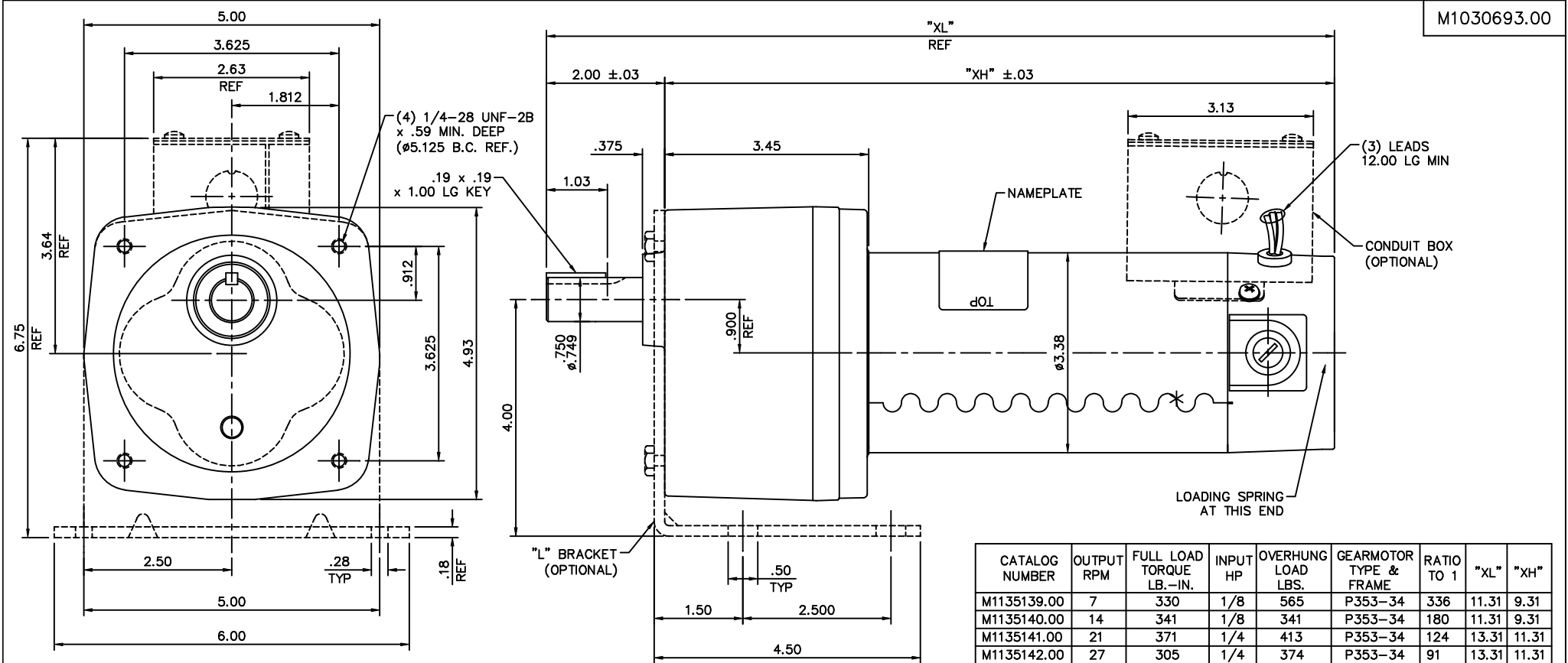
### Nameplate Specifications

Output HP	<b>0.25 Hp</b>	Output KW	<b>0.19 kW</b>
Voltage	<b>180 V</b>	Current	<b>1.2 A</b>
Speed	<b>83 rpm</b>	Service Factor	<b>1</b>
Efficiency	<b>65.7 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Frame	<b>34</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6201</b>
Opp Drive End Bearing Size	<b>608</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>

### Technical Specifications

Rotation	<b>Reversible</b>	Mounting	<b>Special</b>
Shaft Type	<b>Parallel</b>	Overall Length	<b>13.31 in</b>
Frame Length	<b>6.06 in</b>	Shaft Diameter	<b>0.750 in</b>
Shaft Extension	<b>1.625 in</b>		
Outline Drawing	<b>M1030693-M1135146</b>	Connection Diagram	<b>M100512401</b>

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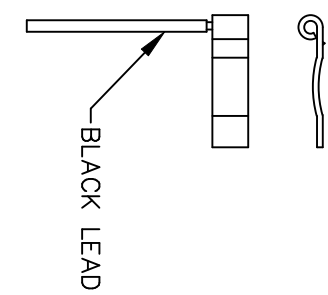
CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XL"	"XH"
M1135139.00	7	330	1/8	565	P353-34	336	11.31	9.31
M1135140.00	14	341	1/8	341	P353-34	180	11.31	9.31
M1135141.00	21	371	1/4	413	P353-34	124	13.31	11.31
M1135142.00	27	305	1/4	374	P353-34	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


		TOLERANCES UNLESS SPECIFIED		<b>LEESON</b>	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SAD 02/04/99
		DEC.	INCHES			CHK	
		.X	±.1	TITLE		APPD	SCALE
		.XX	±.03	OUTLINE - 34 FRAME D.C. PE350 GEARBOX 180 VOLTS			5=8
02	1/4-28 UNF-2B TAPS WERE .63 DEEP PER ECR81849.	RPB 11/25/03	BC .XXX	±.005	MAT'L	REF	M1030589.00
01	UPDATED TO CATALOG INFORMATION PER K.K.	CAS 10/31/00	SAD .XXXX	±.0005	FINISH	FMF	M1135139.00
NO.	REVISION	BY & DATE	CHK	ANG	LEESON	PREV	
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				DIST	DRAWING NO.	B	M1030693.00
					REV.		02

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		TITLE	CONNECTION DIAGRAM	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		MAT'L.		REF	
02	ADDED GREEN LEAD	DWF	8/1/92	.XXXX	±.0005				FINISH	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"				PREV	
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				DIST			A	M1005124.01	07	