

# PRODUCT INFORMATION PACKET



Model No: CM38P17NZ21C

Catalog No: M1145024.00

..1/15HP..30RPM.38.TEFC.115/230V.1PH.60HZ.....CM38P17NZ21C.P240...52:1.AC GEARMOTORS SUB-FHP..135LBIN.....

P240 Series



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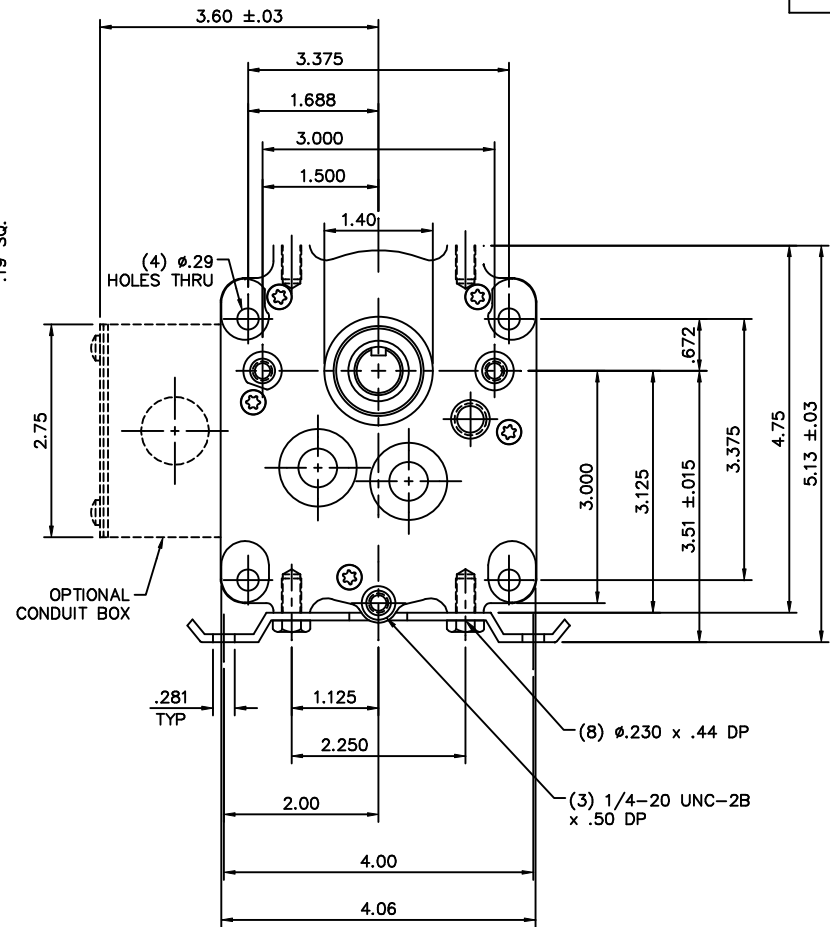
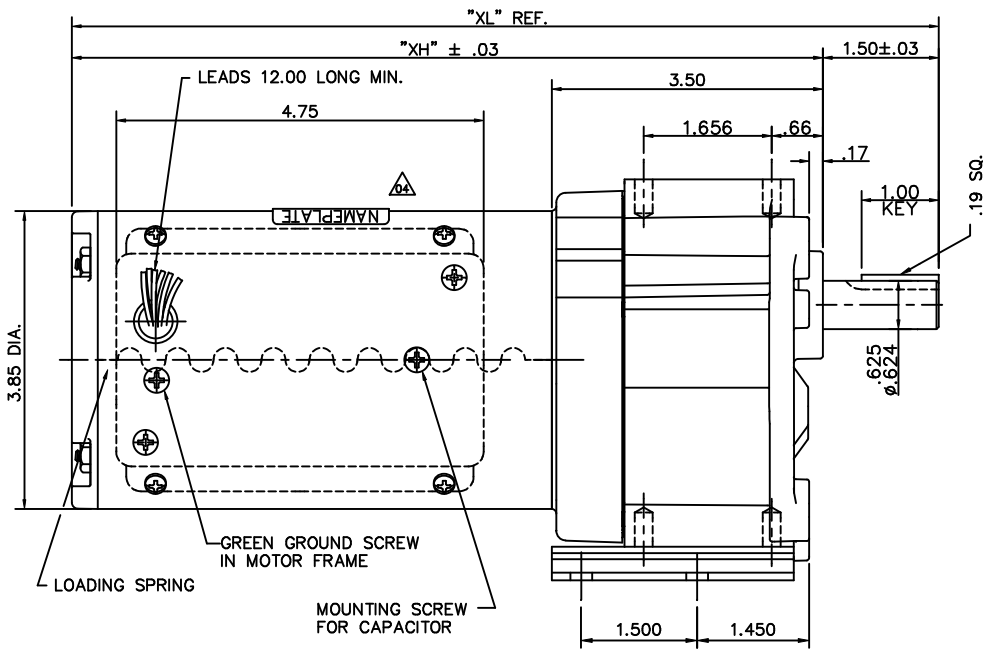
### Nameplate Specifications

Output HP	<b>0.06 Hp</b>	Output KW	<b>0.04 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115 V</b>
Current	<b>1.0/0.50 A</b>	Speed	<b>30 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
KVA Code	<b>D</b>	Frame	<b>38</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>6201</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>10.46 in</b>
Frame Length	<b>5.13 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>1.5 in</b>		
Outline Drawing	<b>M1030380-M1145024</b>	Connection Diagram	<b>M1005040.02</b>

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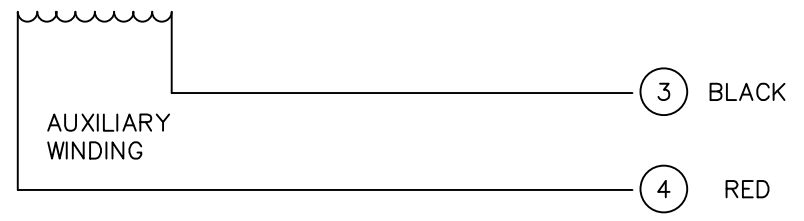
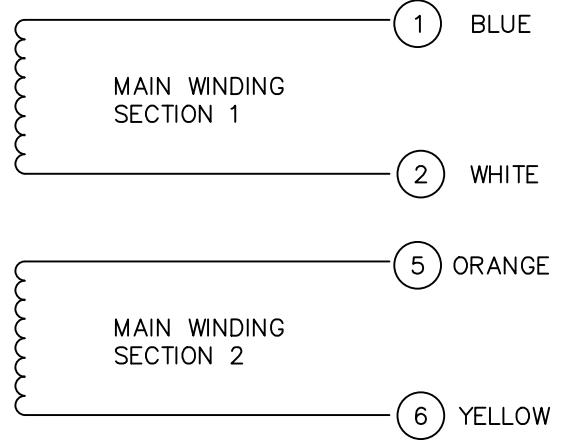
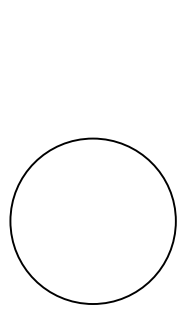


CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	GEARMOTOR TYPE & FRAME	RATIO TO 1	"XL"	"XH"
M1145023.00	15	208	1/15	407	P243-38	114	10.46	8.96
M1145024.00	30	135	1/15	330	P242-38	52	10.46	8.96
M1145025.00	45	92	1/15	292	P242-38	35	10.46	8.96
M1145026.00	70	61	1/15	256	P242-38	23	10.46	8.96
M1145027.00	97	43	1/15	232	P242-38	16.5	10.46	8.96
M1145028.00	139	30	1/15	208	P242-38	11.5	10.46	8.96
M1145029.00	8	345	1/15	491	P243-38	216	10.46	8.96

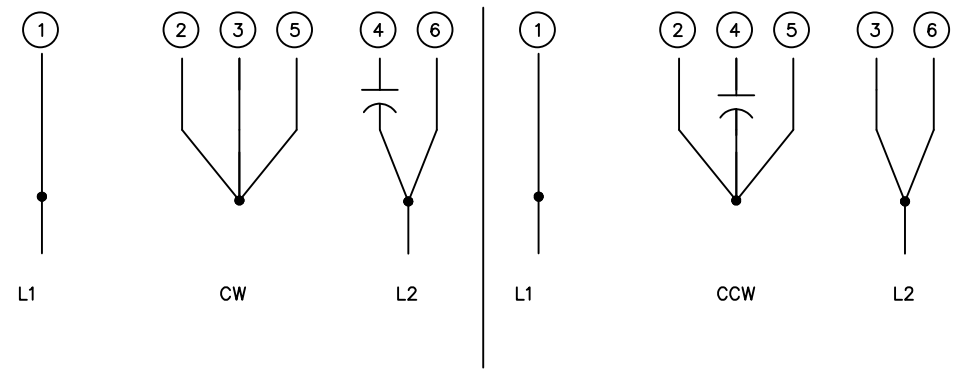
05	EXTENDED 3 PT MOUNTING HOLES .14" TO MAKE FLUSH	RLW	6/25/02		TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	SPV 05/21/94			
04	REV'D NAMEPLATE APPEARANCE FOR ASSEMBLY	BJB	6/25/02	DWF	DEC.			INCHES	CHK			
	CLARITY PER ECR 65231				.X	±.1	APPD	DWF 05/21/94				
03	3.50 WAS 3.562, 5.13 WAS 5.19	SPV	06/29/95		.XX	±.03	TITLE	SCALE	5=8			
02	ADDED CAPACITOR MOUNTING SCREW	SPV	06/29/95		.XXX	±.005	OUTLINE DRAWING P240 GEARMOTOR - 38 FRAME A.C.		REF			
01	REVISED TO NEW STOCK STANDARDS	TMZ	05/15/95		.XXXX	±.0005	MAT'L	FMF	M1145023			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	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	M1030380	SIZE	DRAWING NO.	REV.
							DIST	B	M1030380	05		

M1005040.02

COLORED LEADS

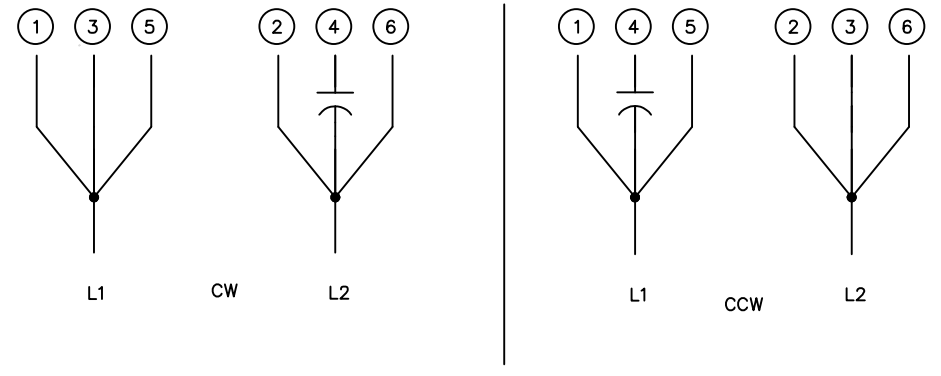


HIGH VOLTAGE CONNECTIONS



ROTATION VIEWING LEAD END OF MOTOR

LOW VOLTAGE CONNECTIONS



ROTATION VIEWING LEAD END OF MOTOR

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON</b> ELECTRIC CORPORATION				
				DECIMALS						
				.00	± .01	DRAWN	DK	TITLE EXTERNAL WIRING DIAGRAM DUAL VOLTAGE DUAL ROTATION		
02	REDRAWN ON CAD	AJR	6/28/99	.000	± .005	CH'K'D.	10/3/91			
01	REMOVED CAP FROM LEFT DIAGRAM	DD	9/16/95	.0000	± .0005	APPR.	10/3/91	MAT'L.		
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE	NONE			
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				ANGLES	± 1/2°	REF.	FINISH		SIZE	DRAWING NO.
				INCH/MM		FMF			PR91376	LECO CORP.