

# PRODUCT INFORMATION PACKET



Model No: C4D17NZ22C

Catalog No: 108705.00

..1/4HP..92RPM.P1102-48.TENV.90V..DC.....C4D17NZ22C.P1100...19:1.DC GEARMOTORS  
FHP..160LBIN..DOUBLE....

P1100 Series



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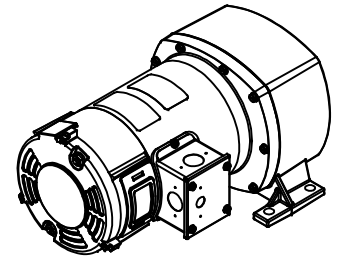
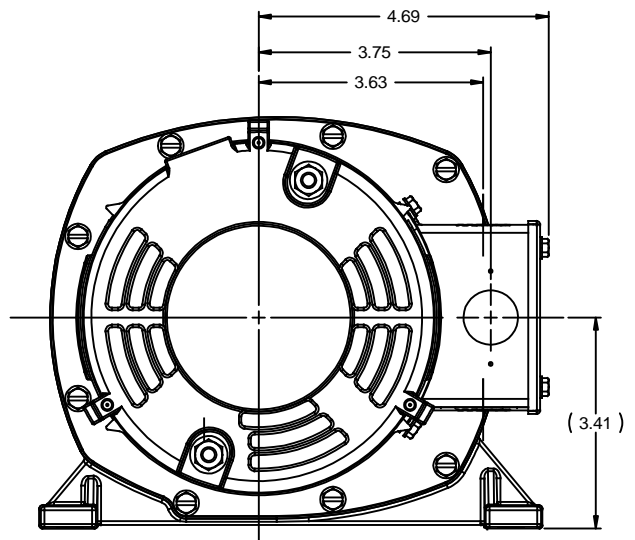
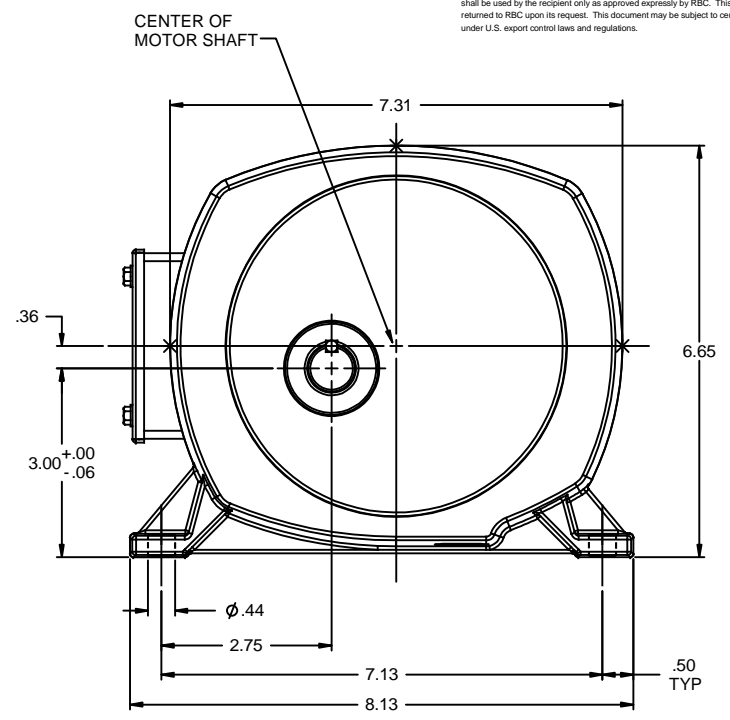
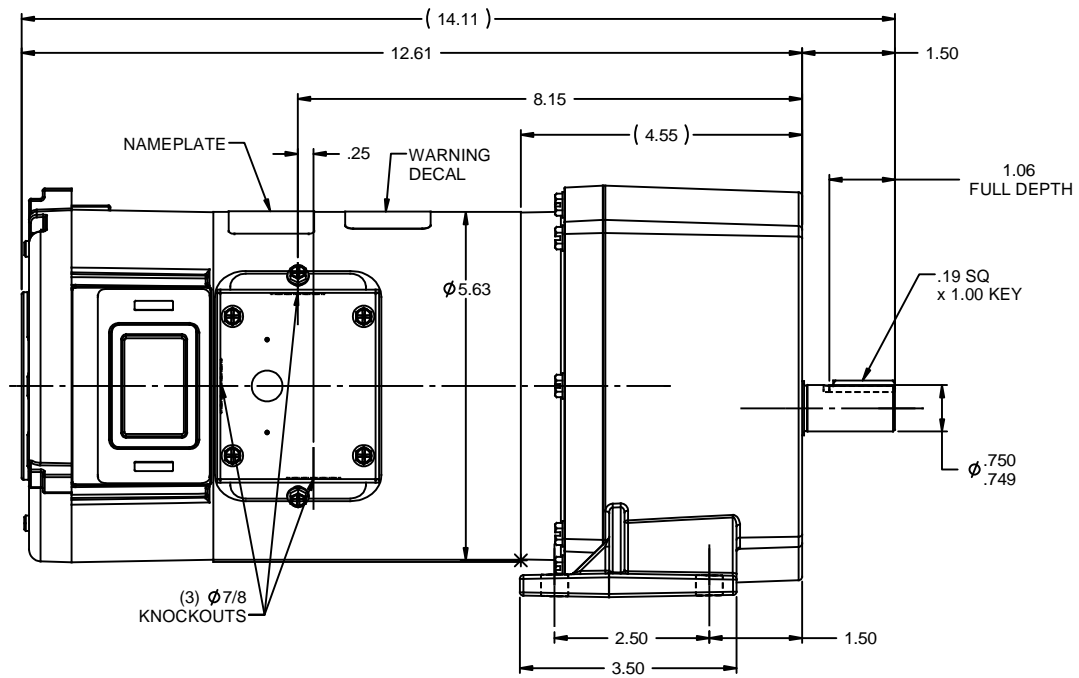
### Nameplate Specifications

Output HP	<b>0.25 Hp</b>	Output KW	<b>0.19 kW</b>
Voltage	<b>90 V</b>	Current	<b>2.7 A</b>
Speed	<b>92 rpm</b>	Service Factor	<b>1</b>
Efficiency	<b>64.6 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Frame	<b>48Y</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>

### Technical Specifications

Rotation	<b>Reversible</b>	Mounting	<b>Special</b>
Shaft Type	<b>Parallel</b>	Overall Length	<b>14.11 in</b>
Frame Length	<b>4.97 in</b>	Shaft Diameter	<b>0.750 in</b>
Shaft Extension	<b>1.5 in</b>		
Outline Drawing	<b>032033-108705</b>	Connection Diagram	<b>NONE</b>

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NOTES:  
 1) GEARBOX OIL: MOBIL-MOBIL GEAR 600XP-320

CATALOG No.	VOLTS	INPUT HP	GEAR RATIO	RPM	F.L. TORQUE (LB-IN)
108706.00	90	1/4	13:1	135	105
108705.00	90	1/4	19:1	92	160
108704.00	90	1/4	29:1	60	238
108703.00	90	1/4	42:1	42	353
108702.00	90	1/4	95:1	18	750
108701.00	90	1/4	143:1	12	1030
108700.00	90	1/4	212:1	8	1087

TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN IPG 6/9/10	
DEC	INCHES	LEESON		CHK	
x	±.1	TITLE OUTLINE 48 FRAME DC - P1100 GEARBOX		APPR	
.xx	±.03			SCALE 1:2	
.xxx	±.005			REF 031210	
RELEASED: REF. 031210 & 032031		IPG 6/9/2010	MATL	FMF 108700.00	
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH	PAGE OF
			RFP	PREV	SIZE DRAWING NO
			THIRD ANGLE PROJECTION	NETWORK FILE NAME 032033	<b>B</b> <b>032033</b>
					REV