

PRODUCT INFORMATION PACKET



Model No: 985.632F

Catalog No: M1125033.00

..1/17HP..300RPM.30.TENV.180V.....985.632F...6:1.DC GEARMOTORS SUB-FHP..10LBIN.....
PZ Series



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Nameplate Specifications

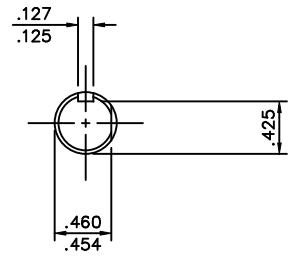
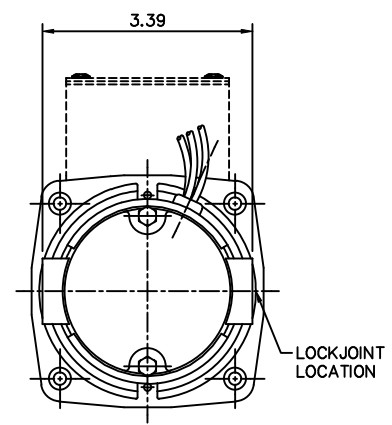
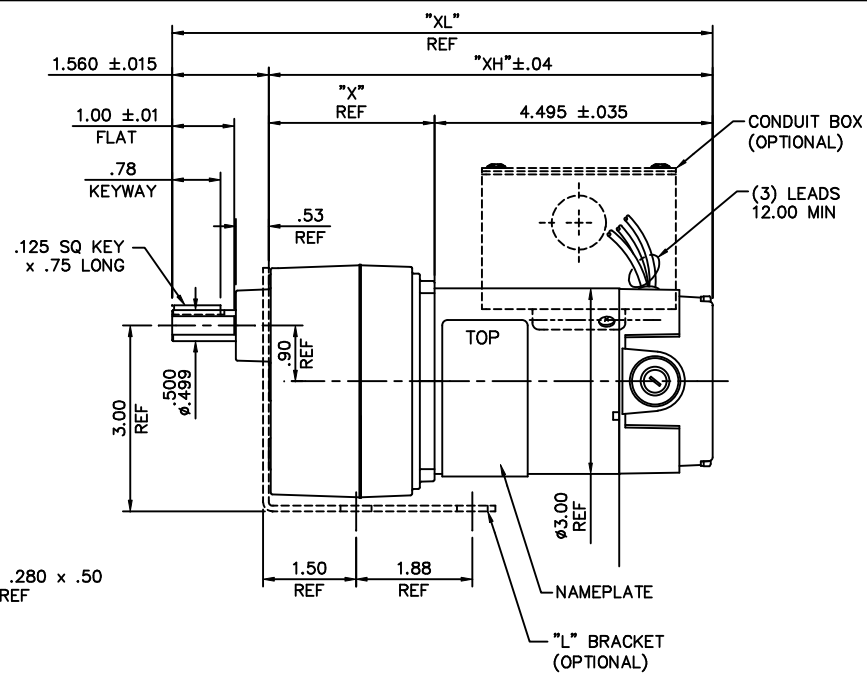
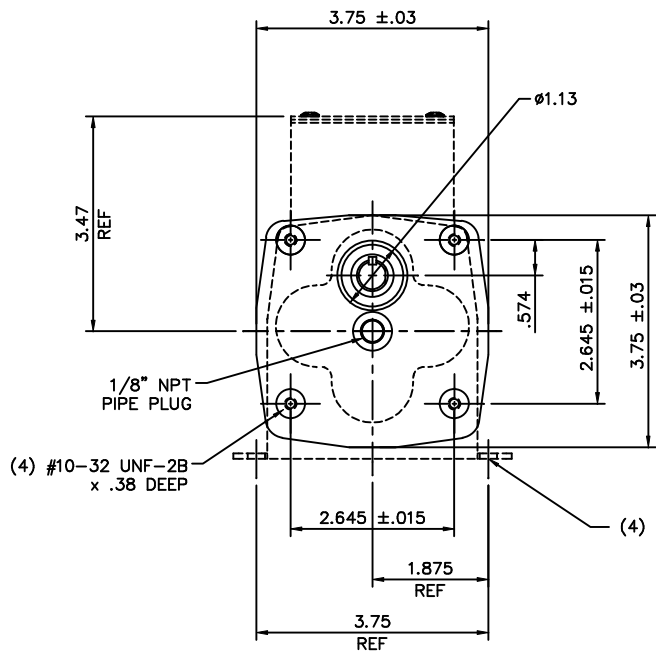
Output HP	0.06 Hp	Output KW	0.04 kW
Voltage	180 V	Current	0.36 A
Speed	300 rpm	Service Factor	1
Efficiency	55.9 %	Duty	Continuous
Insulation Class	F	Frame	30
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6000
Opp Drive End Bearing Size	6000	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	8.46 in
Frame Length	2.99 in	Shaft Diameter	0.500 in
Shaft Extension	1 in		
Outline Drawing	M1030957-M1125033	Connection Diagram	M100530201

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M1030957.00



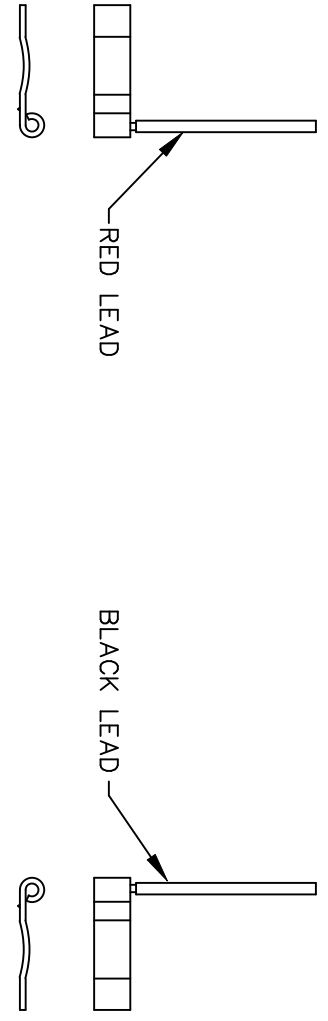
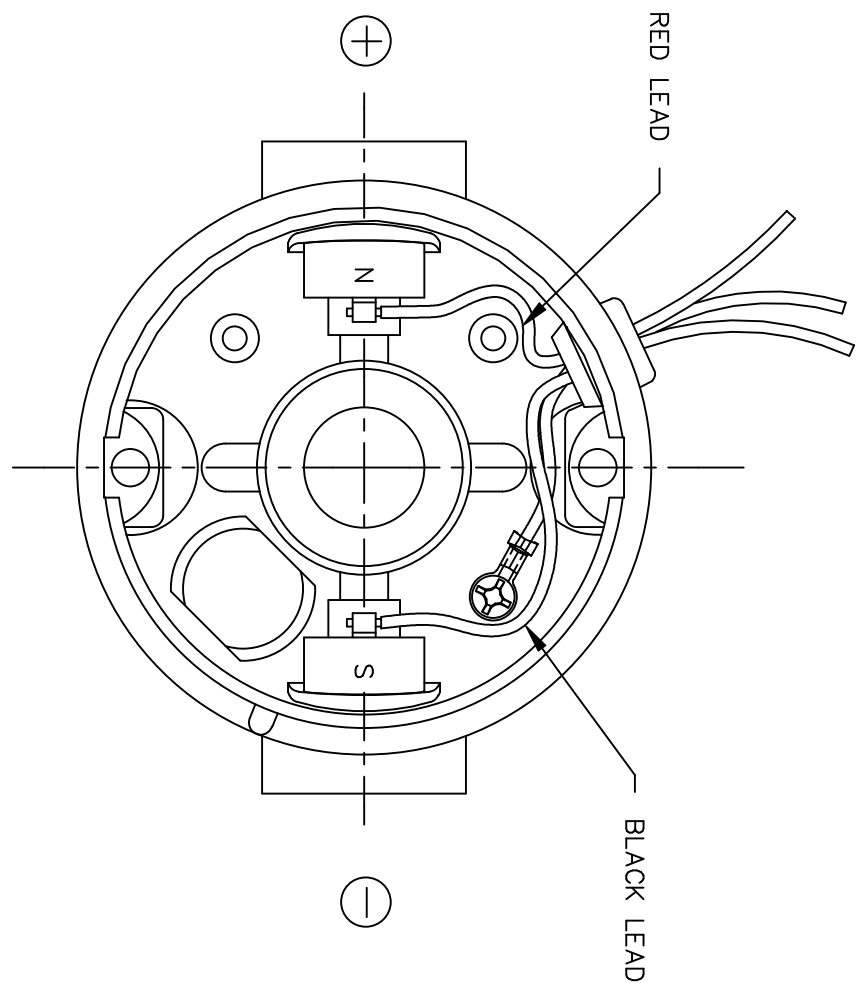
SHAFT DETAIL
SCALE 2:1

CATALOG No.	VOLTS	HP	RATIO	TORQUE IN-LB	RPM	"XL" INCH	"XH" INCH	"X" INCH
M1115000.00	90	1/20	90:1	100	20	9.30	7.74	3.24
M1115001.00	90	1/20	180:1	100	10	9.30	7.74	3.24
M1115002.00	90	1/40	450:1	40	4	9.30	7.74	3.24
M1125002.00	90	1/17	60:1	100	30	8.74	7.18	2.68
M1125003.00	90	1/17	30:1	56	60	8.74	7.18	2.68
M1125004.00	90	1/17	18:1	36	100	8.74	7.18	2.68
M1125005.00	90	1/17	12:1	24	150	8.46	6.90	2.40
M1125006.00	90	1/17	6:1	10	300	8.46	6.90	2.40
M1125033.00	180	1/17	6:1	10	300	8.46	6.90	2.40
M1125034.00	180	1/17	12:1	24	150	8.46	6.90	2.40
M1125035.00	180	1/17	18:1	36	100	8.74	7.18	2.68
M1125036.00	180	1/17	30:1	56	60	8.74	7.18	2.68
M1125037.00	180	1/17	60:1	100	30	8.74	7.18	2.68
M1125046.00	180	1/40	450:1	40	4	9.30	7.74	3.24
M1125047.00	180	1/20	180:1	100	10	9.30	7.74	3.24
M1125048.00	180	1/20	90:1	100	20	9.30	7.74	3.24


				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RWS 3/7/05			
		DEC. INCHES		CHK RPB 3/8/05							
		.X ±.1		APPD		SCALE 1=2					
		.XX ±.03		TITLE		REF M1115000-1125048					
		.XXX ±.005		30 FRAME DC-PZ GEARBOX		FMF M1115002.00					
00	RELEASED COMM CONVERSION PROJECT	RWS	4/13/05	RPB	.XXXX ±.0005	MAT'L		PREV			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		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	CAD FILE	M1030957	SIZE	DRAWING NO.	REV.
						DIST			B	M1030957.00	00

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ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--
STACK:
  /im
  -savelevel -
```

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

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN RWS 3/15/05 CHK RPB 3/15/05 APPD SCALE 1=1 REF 901.706 FMF PREV
				DEC.	INCHES		TITLE CONNECTION DIAGRAM MAT'L. FINISH
				.X	±.1		
				.XX	±.01		
				.XXX	±.005		
00	RELEASED COMM CONVERSION PROJECT	RWS 4/13/05	RPB	.XXXX	±.0005	CAD FILE M100530201	SIZE A DRAWING NO. M1005302.01 REV. 00
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	RFP DIST	

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