

PRODUCT INFORMATION PACKET



Model No: 985.509E
Catalog No: M1115021.00
...10:1.250RPM.10LBIN.1/17HP.25...DC GEARMOTORS SUB-FHP.90V..TENV.985.509E
Right Angle



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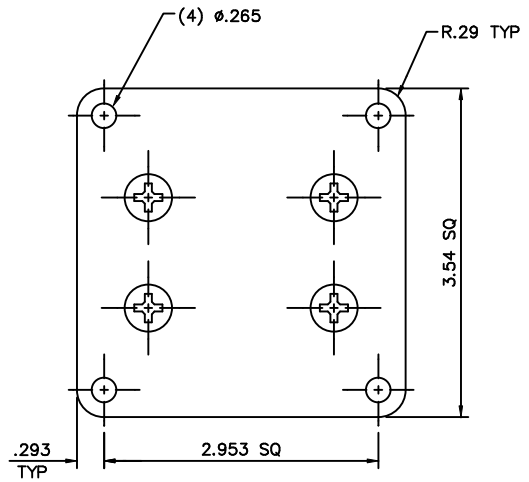
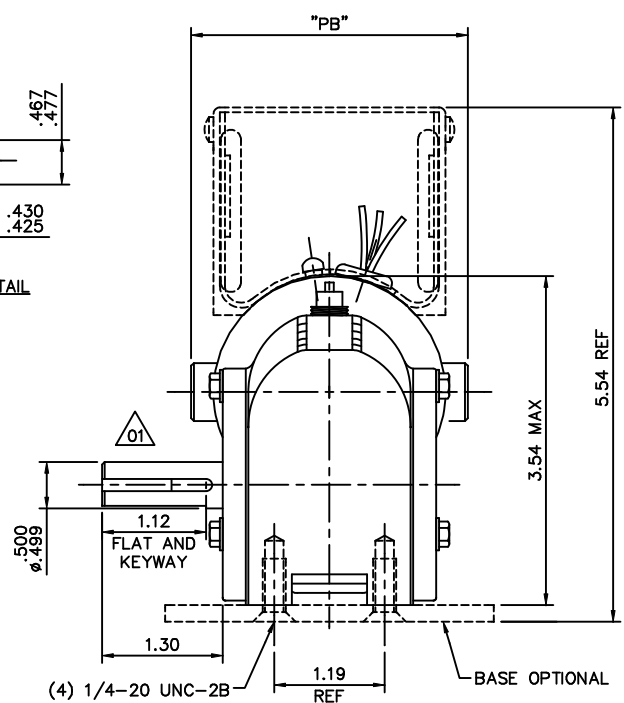
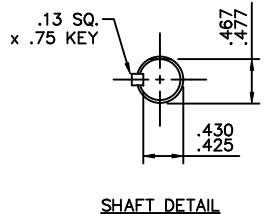
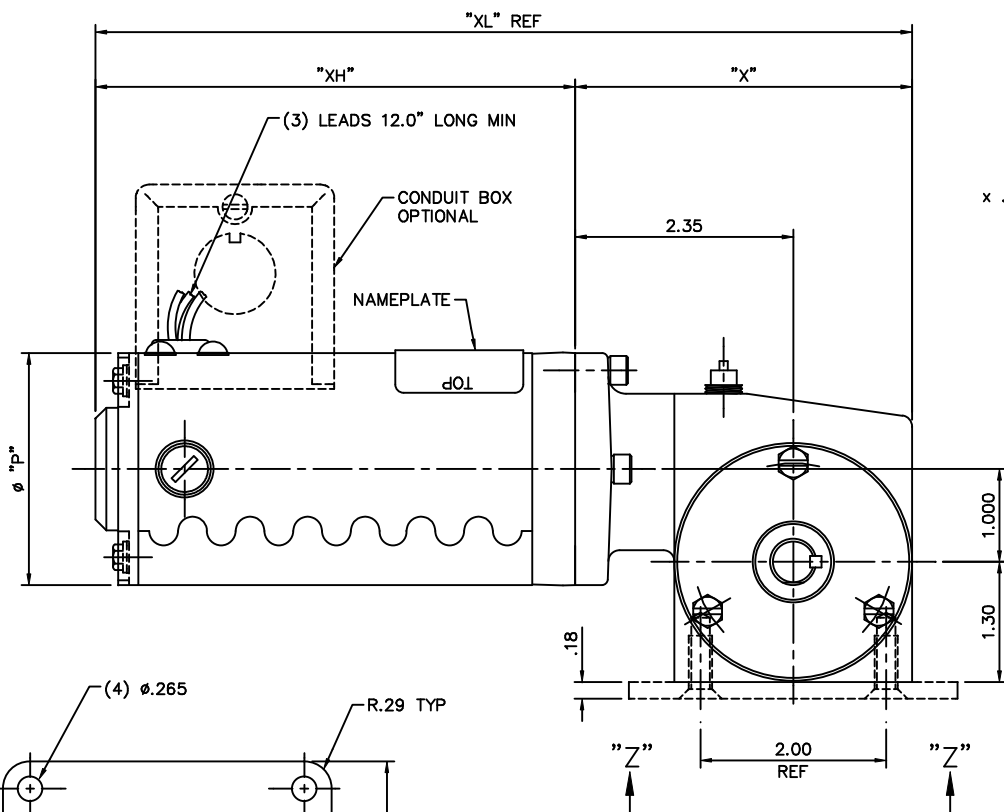
Nameplate Specifications

Output HP	0.06 Hp	Output KW	0.04 kW
Voltage	90 V	Current	1.0 A
Speed	250 rpm	Service Factor	1
Efficiency	25.8 %	Duty	Continuous
Insulation Class	H	Frame	25
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	608
Opp Drive End Bearing Size	608	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Right Angle	Overall Length	8.80 in
Frame Length	4.25 in	Shaft Diameter	0.500 in
Shaft Extension	1.3 in		
Outline Drawing	M1030885-M1115021	Connection Diagram	M100526001

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CATALOG NUMBER	SPEED RANGE RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	RATIO TO 1	"P"	"PB"	"X"	"XH"	"XL"
M1115018.00	42-7	22	1/17	185	60	2.50	2.98	3.63	5.17	8.80
M1115019.00	62-1	19	1/17	185	40	2.50	2.98	3.63	5.17	8.80
M1115020.00	125-2.1	16	1/17	185	20	2.50	2.98	3.63	5.17	8.80
M1115021.00	250-4	10	1/17	185	10	2.50	2.98	3.63	5.17	8.80
M1115022.00	500-8	5.2	1/17	185	5	2.50	2.98	3.63	5.17	8.80

NO.		REVISION	BY & DATE	CHK	ANG	FINISH	CAD FILE		SIZE	DRAWING NO.	REV.
03		.03 TOL. ADDED TO LETTER COLUMNS, ECR 88023	VS 6/15/05	BC	.XX	±.03	M1030885		B	M1030885.00	03
02		GEAR BOX WAS M1550166.XXX/ECO 05-1201 EFF.7/5/05	RPB 5/18/05	BC	.XXX	±.005					
01		FIXED OUTPUT SHAFT VIEW, ECR 82288	IPG 3/22/04	SAD	.XXXX	±.0005					
NO.		REVISION	BY & DATE	CHK	ANG	FINISH	CAD FILE		SIZE	DRAWING NO.	REV.
							M1030885		B	M1030885.00	03



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN IPG 7/1/03
CHK SAD 7/1/03
APPD

TITLE OUTLINE
25 FRAME DC - RIGHT ANGLE GEARBOX
MAT'L 10 SERIES - 90V

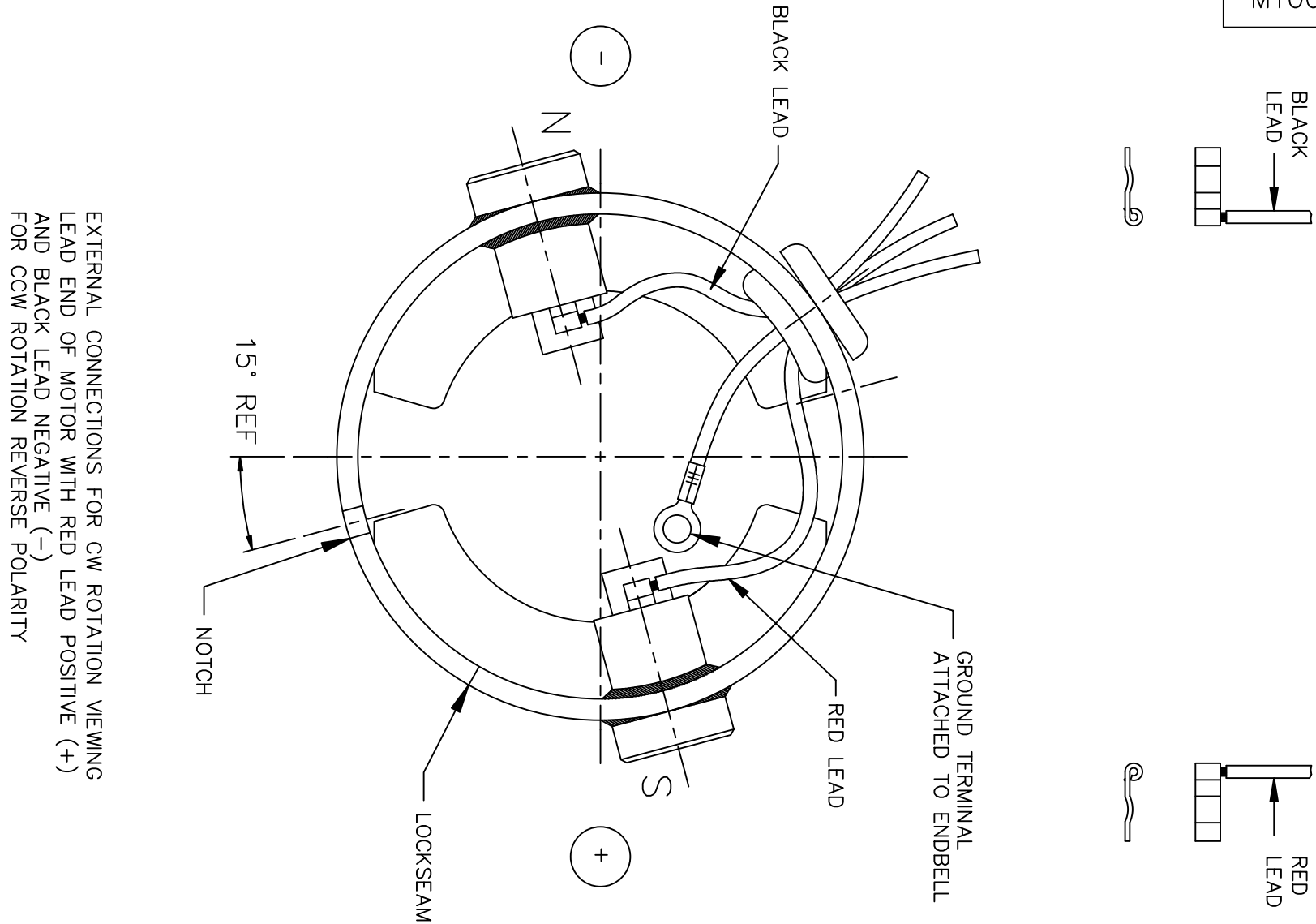
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ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--


STACK:

131 /quotesinglbase
130 /bar
124 /grave
96 /quotesingle
39 /dotlessi
13 /caron
12 /ogonek
11 /hungarumlaut
10 /cedilla
9 /ring
8 /dieresis
7 /dotaccent
6 /breve
5 /macron
4 /tilde
3 /circumflex
2 /acute
1 /grave
0 -mark-
/ANSIvec
-dictionary-
/Pscript_WinNT_Compat
-dictionary-

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

05	SWITCH LEADS TO MATCH ROTATION, ISAAC 10-1990	IPG 5/17/2010	SK	TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	IPG 6/4/03
04	SWITCH "N" AND "S" TO MATCH FRAME/MAGNET ASSY	IPG 4/26/2010	SK	DEC.	INCHES			CHK	SAD 6/4/03
	DRAWING, ISAAC 10-1709			.X	±.1	TITLE		CONNECTION DIAGRAM	APPD
03	ADDED "TRU-TORQ" TO THE TITLE BLOCK AND ORACLE	IPG 3/2/2004	SAD	.XX	±.03	SCALE		1=1	
	DESCRIPTION, ECR 83990			.XXX	±.005	REF		PR020634.01	
02	SWITCHED N & S PER ECR 83629	BPW 12/19/03	SAD	.XXXX	±.0005	MAT'L.		FMF M1115050.00	
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		M100526001	SIZE	DRAWING NO.	REV.
			DIST				A	M1005260.01	05