

# PRODUCT INFORMATION PACKET



Model No: 980.549A  
Catalog No: 980.549  
1/15HP.3000RPM.56D.IP44.90V.S1.40C.1,0SF.B14.COMMERCIAL DUTY.980.549A  
Metric Motors



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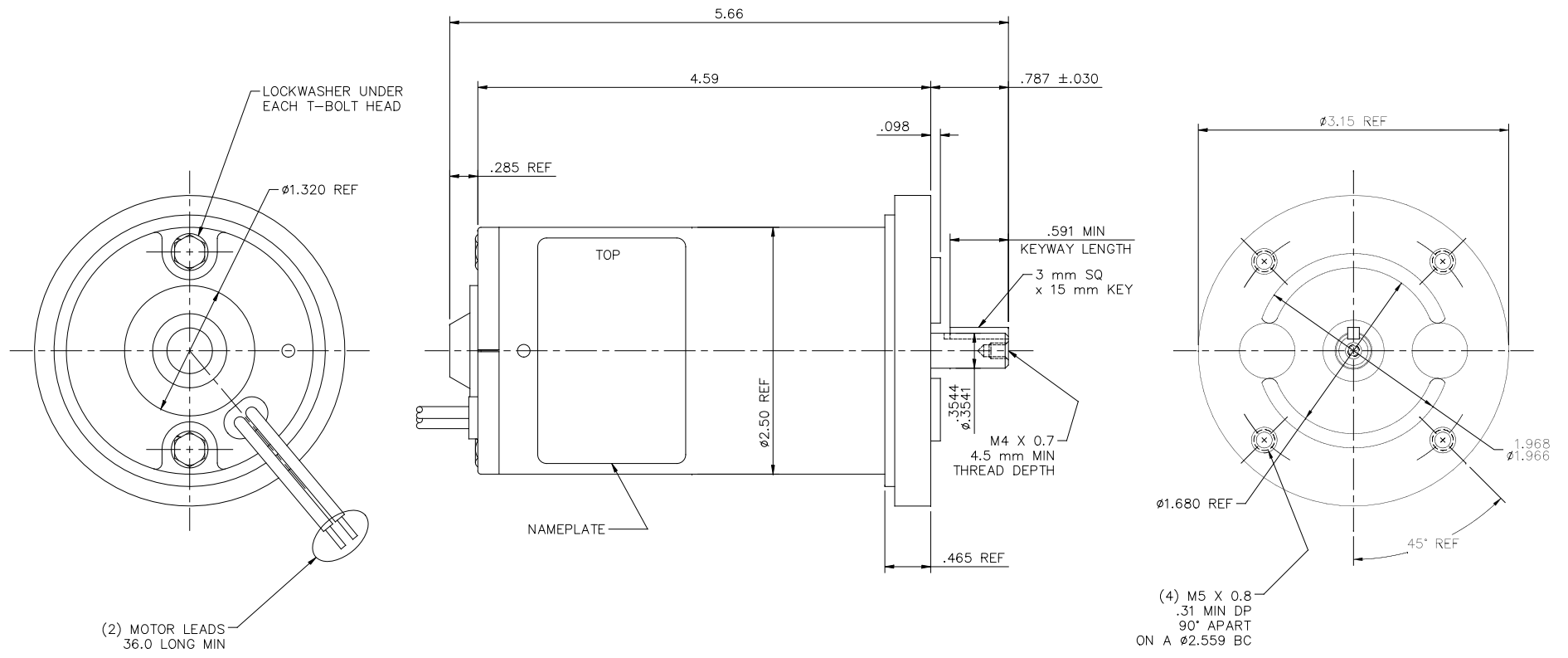
### Nameplate Specifications

Output KW	0.05 kW	Voltage	90 V
Current	0.75 A	Speed	3000 rpm
Service Factor	1	Efficiency	73.7 %
Duty	S1	Insulation Class	F
Frame	56D	Enclosure	IP44
Overload Protector	No	Ambient Temperature	40 °C
UL	Recognized	CSA	N
CE	Y		

### Technical Specifications

Rotation	Reversible	Mounting	B14
Overall Length	5.66 in	Frame Length	3.91 in
Shaft Diameter	0.375 in	Shaft Extension	0.787 in
Outline Drawing	980549OL	Connection Diagram	980549FI

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- NOTES:
1. END PLAY: .005-.030
  2. BEARING SYSTEM: SLEEVE BOTH ENDS

ORACLE
REV
002

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	CAD FILE	RFP	DIST	SIZE	DRAWING NO.	REV.
					DEC.	INCHES							
D	UPDATED REVISION TO MATCH NEW SYSTEM, ADDED NOTES, ECO-0114257	IPG 12/5/16	IPG .X	±.1	.XX	±.03	TITLE	9805490L			B	980.5490L	D
01	CHANGED TOLERANCE ON SHAFT EXTENSION, ECR 86568	IPG 8/12/05	SAD .XXX	±.005	.XXX	±.005	OUTLINE						
00	RELEASED: SAME AS PR050148	IPG 8/9/05	SAD .XXX	±.0005	.XXX	±.0005	25 FRAME DC - B14 C-FACE						
				±1/2"			MAT'L						
							FINISH						
							PREV						
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ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

DRAWN IPG 8/8/05  
CHK SAD 8/8/05  
APPD  
SCALE 1=1  
REF PR050148  
FIMF 980.549  
PREV


- 1) HIPOT @ 1250 VOLTS FOR ONE SECOND, BOTH LEADS TO CASE
- 2) ROTATION: CCWLE WITH RED LEAD POSITIVE
- 3) RUN IN @ 90VAC FWR, 0.17 A. MAX, NO LOAD
- 4) TORQUE THRU-BOLTS TO 20-25 IN. LBS

PERFORMANCE SPECIFICATIONS

90VDC (TCR)		
TORQUE (OZ.IN)	SPEED (RPM)	MAX AMPS
0	2910-3350	0.13
20	2700-3100	0.72
40	2490-2850	1.30

CHECKS TO OUTLINE DRAWING

- A) SHAFT EXTENSION
- B) LEAD LENGTH
- C) END PLAY: .005-.030

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN IPG 8/8/05		
				DEC.	INCHES		CHK SAD 8/8/05		
				.X	±.1		APPD		
				.XX	±.01		TITLE	SCALE 1=1	
				.XXX	±.005	FINAL INSPECTION 25 FRAME DC	REF 980.172FI		
00	RELEASED: REF. 980.172FI	IPG 8/8/05	SAD	.XXXX	±.0005	MAT'L.	FMF 980.549		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV		
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				DIST			A	980.549FI	00