

PRODUCT INFORMATION PACKET

Model No: 056E17V2004
Catalog No: Z635
0.50 HP Washdown Duty DC Motor, 1750 RPM, 180 V, 56C Frame, TENV
Sub-Fractional Motors



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Nameplate Specifications

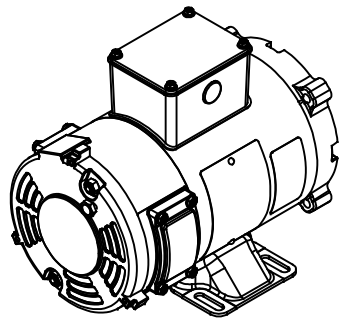
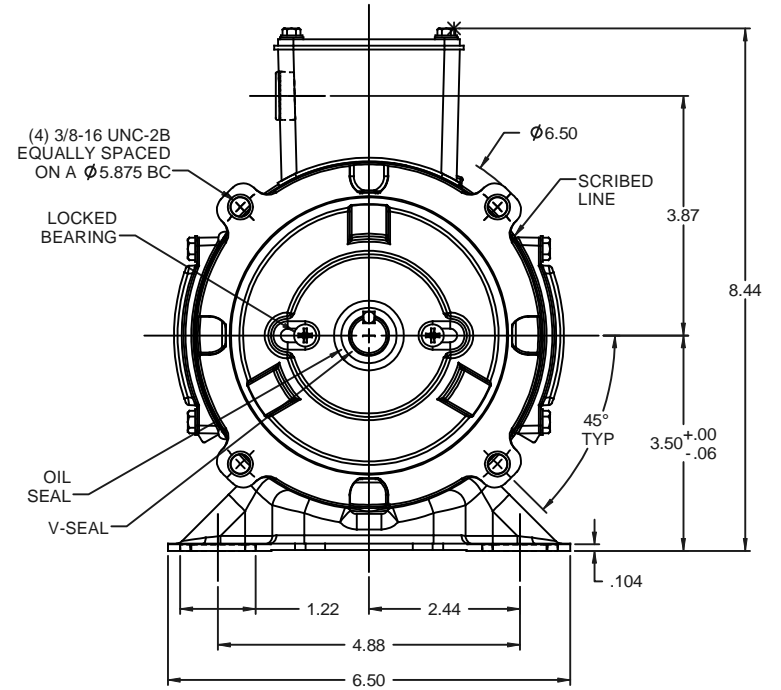
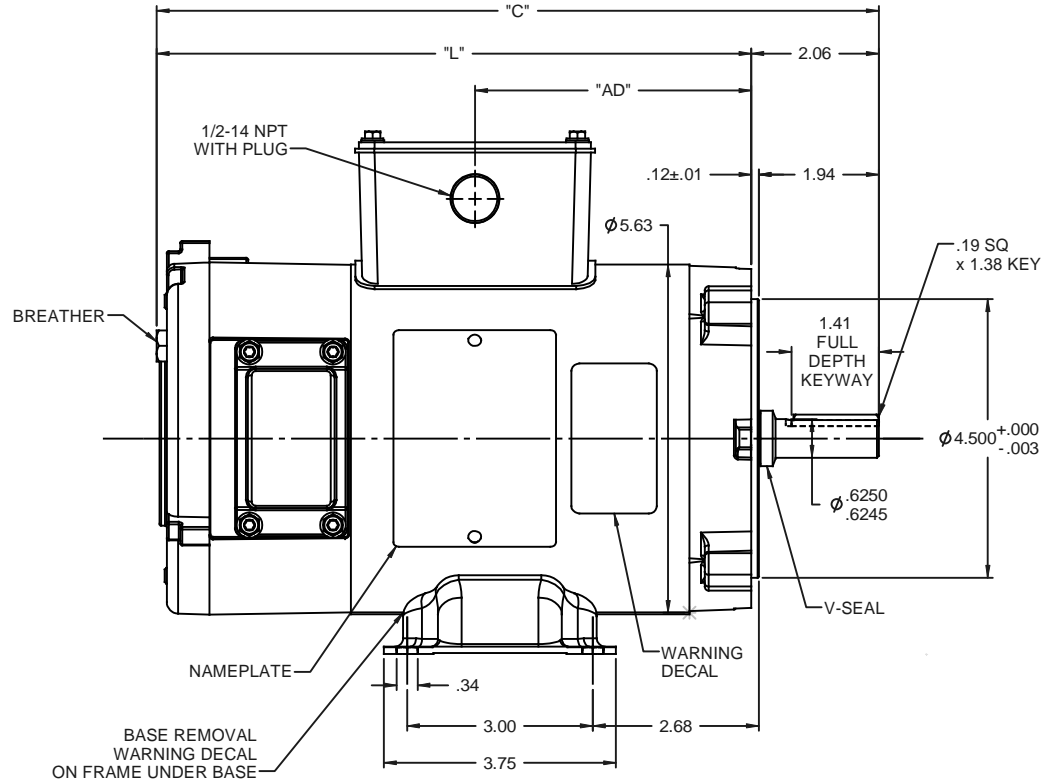
Output HP	0.50 Hp	Output KW	0.37 kW
Voltage	180 V	Current	2.5 A
Speed	1750 rpm	Service Factor	1
Efficiency	81.7 %	Duty	Continuous
Insulation Class	F	Frame	S56C
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
Number of Speeds	1		

Technical Specifications

Rotation	Counterclockwise Lead End	Mounting	Rigid C base
Overall Length	13.67 in	Frame Length	7.47 in
Shaft Diameter	0.625 in	Shaft Extension	1.94 in
Torque	18 LB-IN		
Outline Drawing	031927-747	Connection Drawing	00531901

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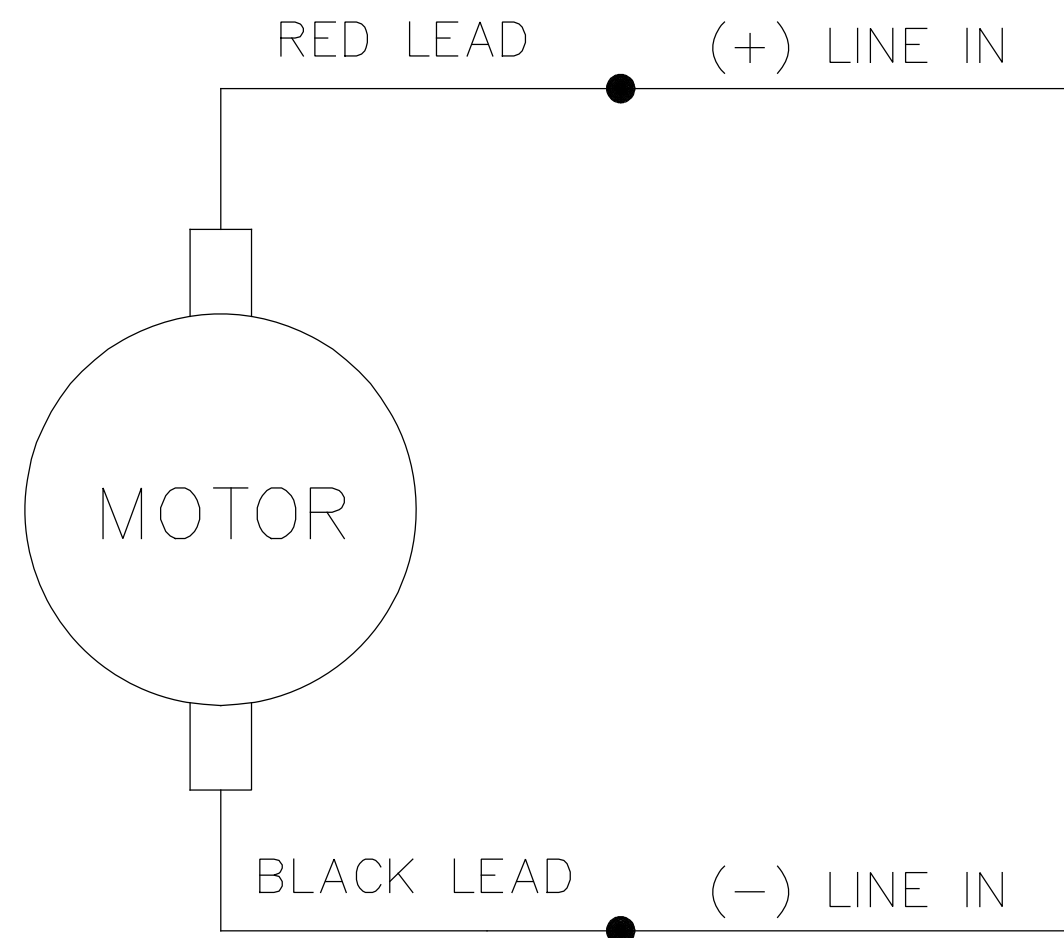


056E17V2006	14.17	12.11	6.96	180	3/4	1750
056E17V2005	14.67	12.61	7.46	90	3/4	1750
056E17V2004	13.67	11.61	6.46	180	1/2	1750
056E17V2003	13.17	11.11	5.96	90	1/2	1750
056E17V2002	11.67	9.61	4.46	90	1/3	1750
056E17V2001	10.67	8.61	3.46	90	1/4	1750
CATALOG No.	"C"	"L"	"AD"	VOLTS	H.P.	RPM

- NOTES:
 1) MAXIMUM FACE RUNOUT .004 T.I.R.
 2) MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
 3) PERMISSIBLE SHAFT RUNOUT .002 T.I.R.
 4) GASKETS THROUGHOUT.

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN IPG 2/19/09	
				DEC INCHES				CHK SK 2/19/09	
				X ±.1		APPR			
				.XX ±.03		TITLE OUTLINE		SCALE 1:2	
				.XXX ±.005		48 FRAME DC		REF 031900	
00 RELEASED				IPG 2/19/2009		SK .XXX ±.0005		MATL	
				BY & DATE		FINISH		FMF 056E17V2006	
				CHK ANG ±1/2°		PREV		PAGE OF	
NO				REVISION		RFP		SIZE	
				THIRD ANGLE PROJECTION		NETWORK FILE NAME		DRAWING NO	
						B		031927	
								REV 00	

005319.01



CONNECTIONS SHOWN FOR CCW ROTATION FACING LEAD END OF THE MOTOR
TO REVERSE ROTATION INTERCHANGE LINE LEADS

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN TJF 11/15/97	
				DEC.	INCHES				CHK
				.X	±.1			APPD POW 11/15/97	
E	"MOTOR" WAS "ARMATURE", ECO-0163602	IPG 3/14/19		.XX	±.01	TITLE	EXTERNAL WIRING DIAGRAM PMDC MOTOR	SCALE 1=2	
D	UPDATED TO MAKE IT GENERIC, ECO-0163547	IPG 3/13/19		.XXX	±.005			REF	
01	REDRAWN ON CAD. REVISED NOTES.	SJB 9/20/2005		.XXXX	±.0005	MAT'L.		FMF	
				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 00531901		SIZE A	DRAWING NO. 005319.01	REV. E
				DIST					