

PRODUCT INFORMATION PACKET



Model No: 109303.00
Catalog No: 109303.00
Washdown Motor, 1 HP, 24 V, 1800 RPM, S56C Frame, TEFC



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Nameplate Specifications

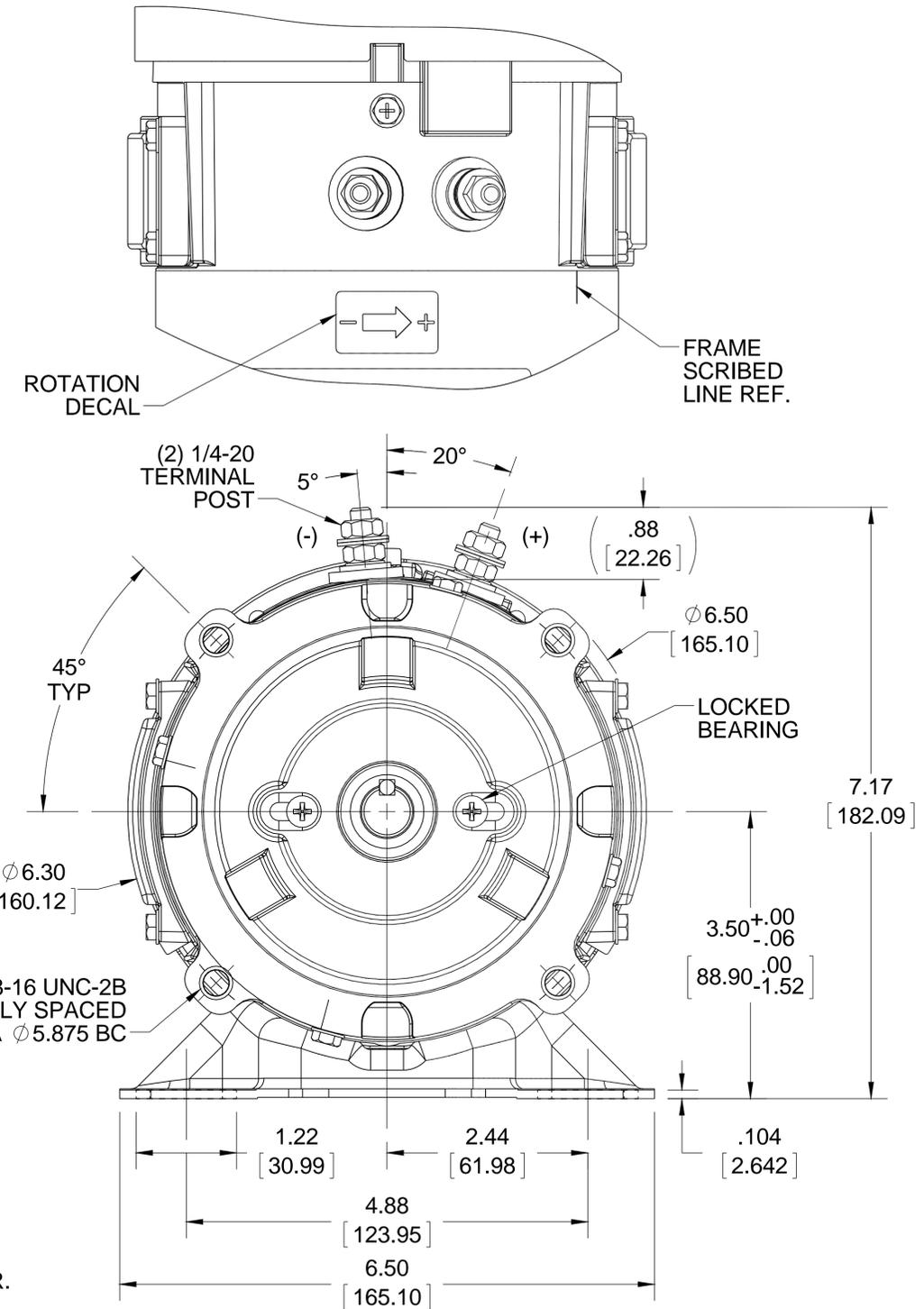
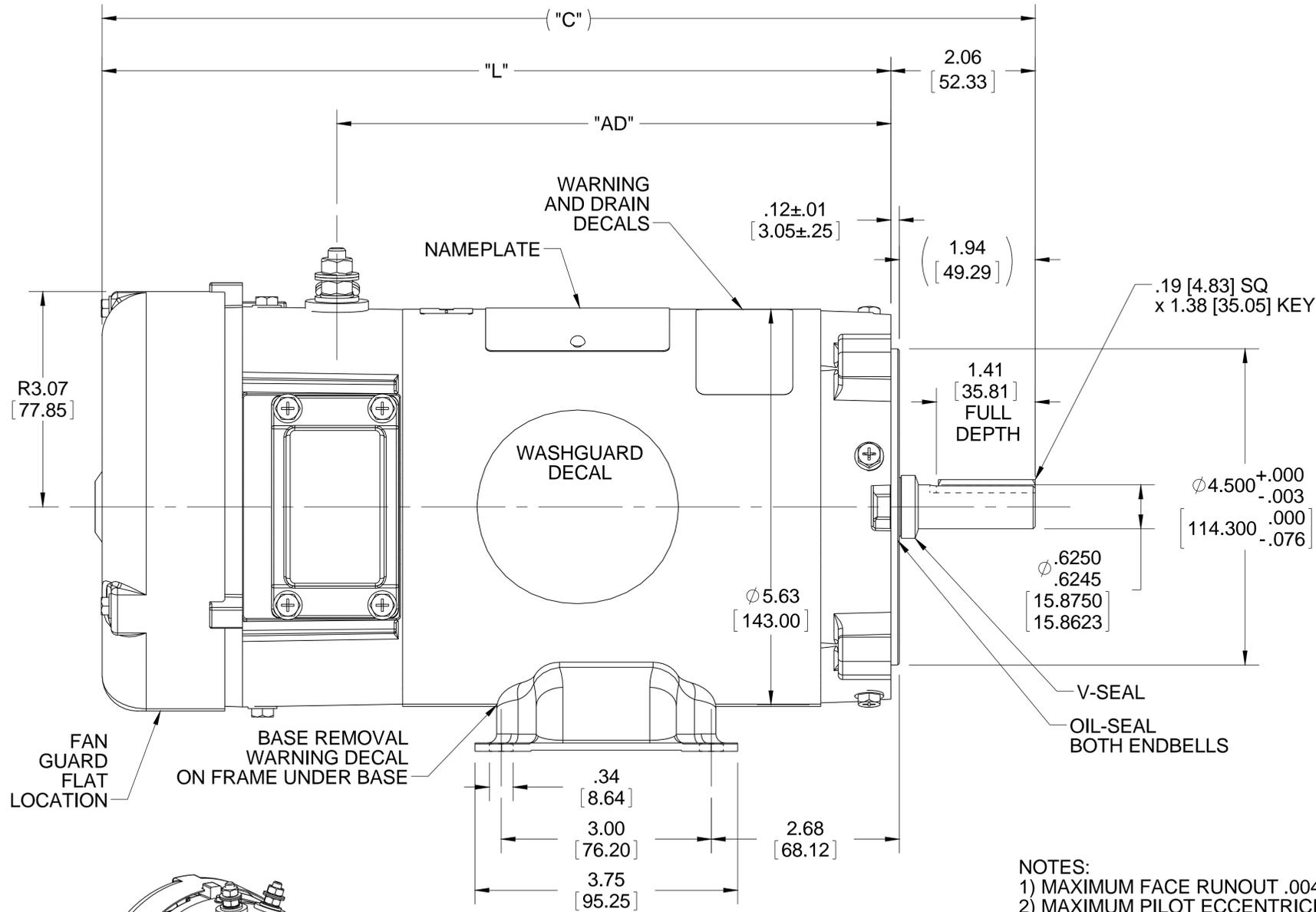
Output HP	1 Hp	Output KW	0.75 kW
Voltage	24 V	Speed	1800 rpm
Service Factor	1.0	Frame	S56C
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	81.3 %	Ambient Temperature	40 °C
Current	39.0 A	Duty	Continuous
Insulation Class	H	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

Technical Specifications

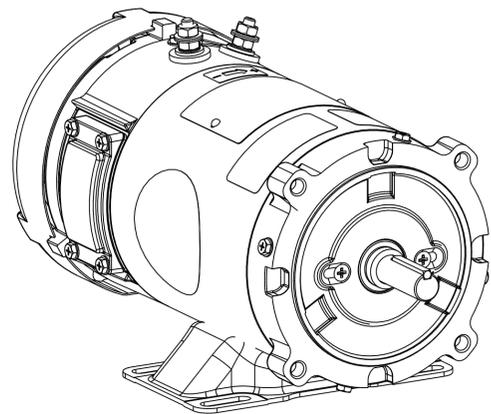
Rotation	Reversible	Mounting	Rigid C base
Overall Length	13.82 in	Frame Length	6.47 in
Shaft Diameter	0.625 in	Shaft Extension	2.06 in
Torque	35 LB-IN		
Connection Drawing	00531901	Outline Drawing	612-0225-109303

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109303.00	13.82 [351.03]	11.76 [298.70]	8.41 [213.61]	24	1	1800
109300.00	13.32 [338.33]	11.26 [286.00]	7.91 [200.91]	12	3/4	1800
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
 5) PLUGGED DRAIN HOLES IN ENDBELLS.



ITEM No.	ITEM REV
-000	0

DRAWING REVISION A	REVISION BY IVAN GUERRA	DATE 10/18/16
ECO ECO-0108708	APPROVED BY	DATE
ECO DESCRIPTION RELEASED		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 125 INCH 3.2 mm SHOWN IN [BRACKETS]			

DRAWN BY IVAN GUERRA	DATE 10/18/16
APPROVED BY	DATE
REFERENCE OLPR162099	THIRD ANGLE PROJECTION

REGAL ™ Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 48 FRAME DC	
REFERENCE OLPR162099	PROCESS/FINISH
SIZE B	DRAWING NUMBER 612-0225
SHEET 1 OF 1	



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

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN TJF 11/15/97		
				DEC.	INCHES		CHK		
F	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.X	±.1	TITLE EXTERNAL WIRING DIAGRAM PMDC MOTOR	APPD POW 11/15/97		
E	"MOTOR" WAS "ARMATURE", ECO-0163602	IPG 3/14/19		.XX	±.01		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		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV		
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