

PRODUCT INFORMATION PACKET



Model No: 108226.00

Catalog No: 108226.00

White Duck™ Washdown Motor, 0.50 HP, 90 V, 1750 RPM, S56C Frame, TENV



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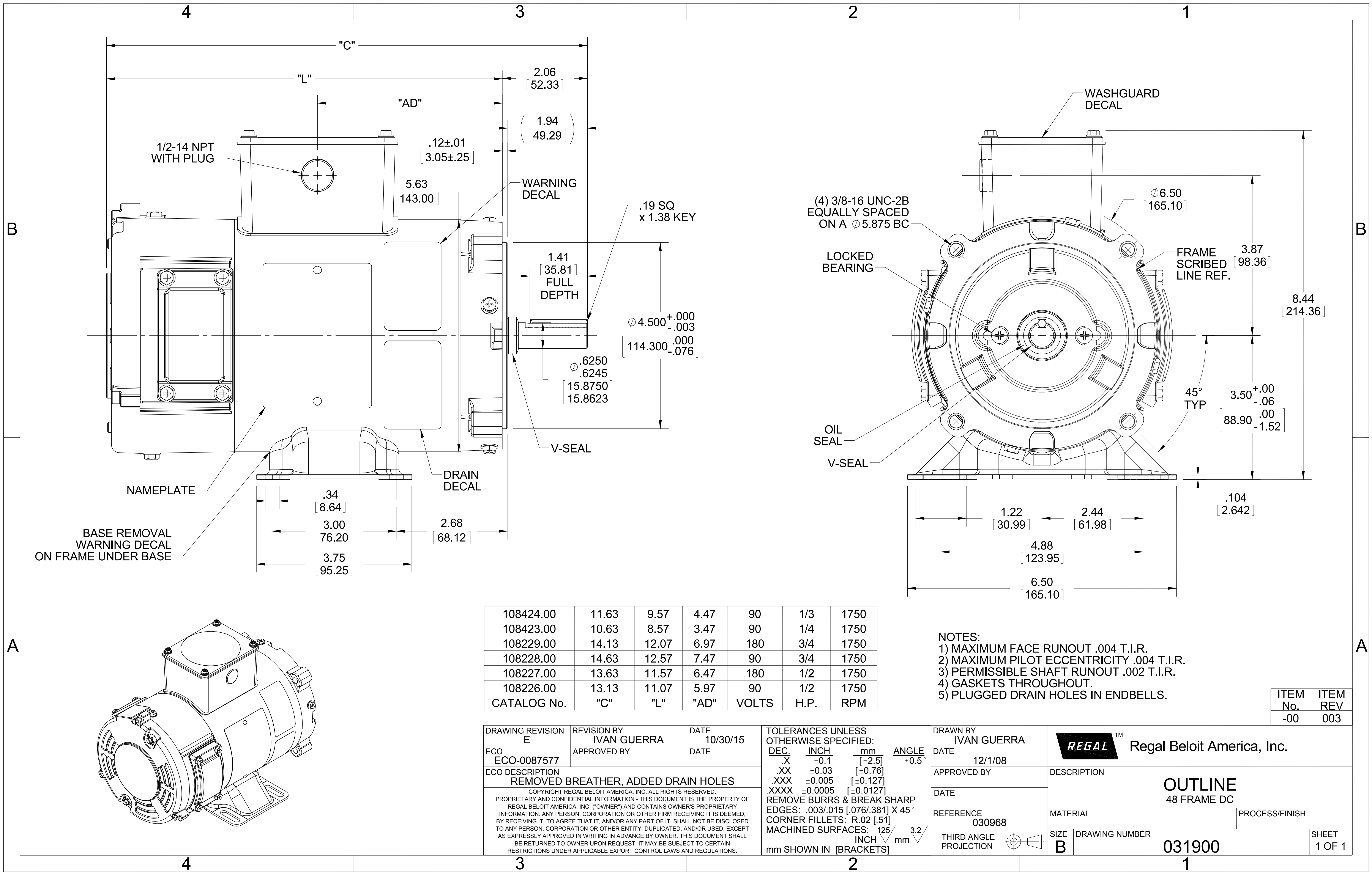
Nameplate Specifications

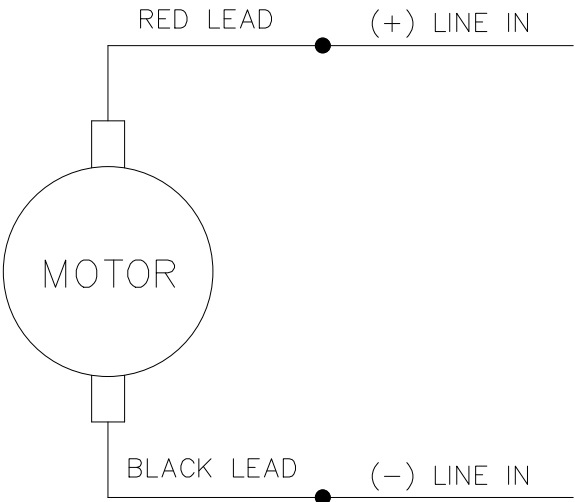
Output HP	0.50 Hp	Output KW	0.37 kW
Voltage	90 V	Speed	1750 rpm
Service Factor	1.0	Frame	S56C
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Efficiency	81.1 %	Ambient Temperature	40 °C
Current	5.0 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Rotation	Reversible	Mounting	Rigid C base
Overall Length	13.13 in	Frame Length	6.97 in
Shaft Diameter	0.625 in	Shaft Extension	2.06 in
Torque	18 LB-IN		
Outline Drawing	031900-108226	Connection Drawing	00531901

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

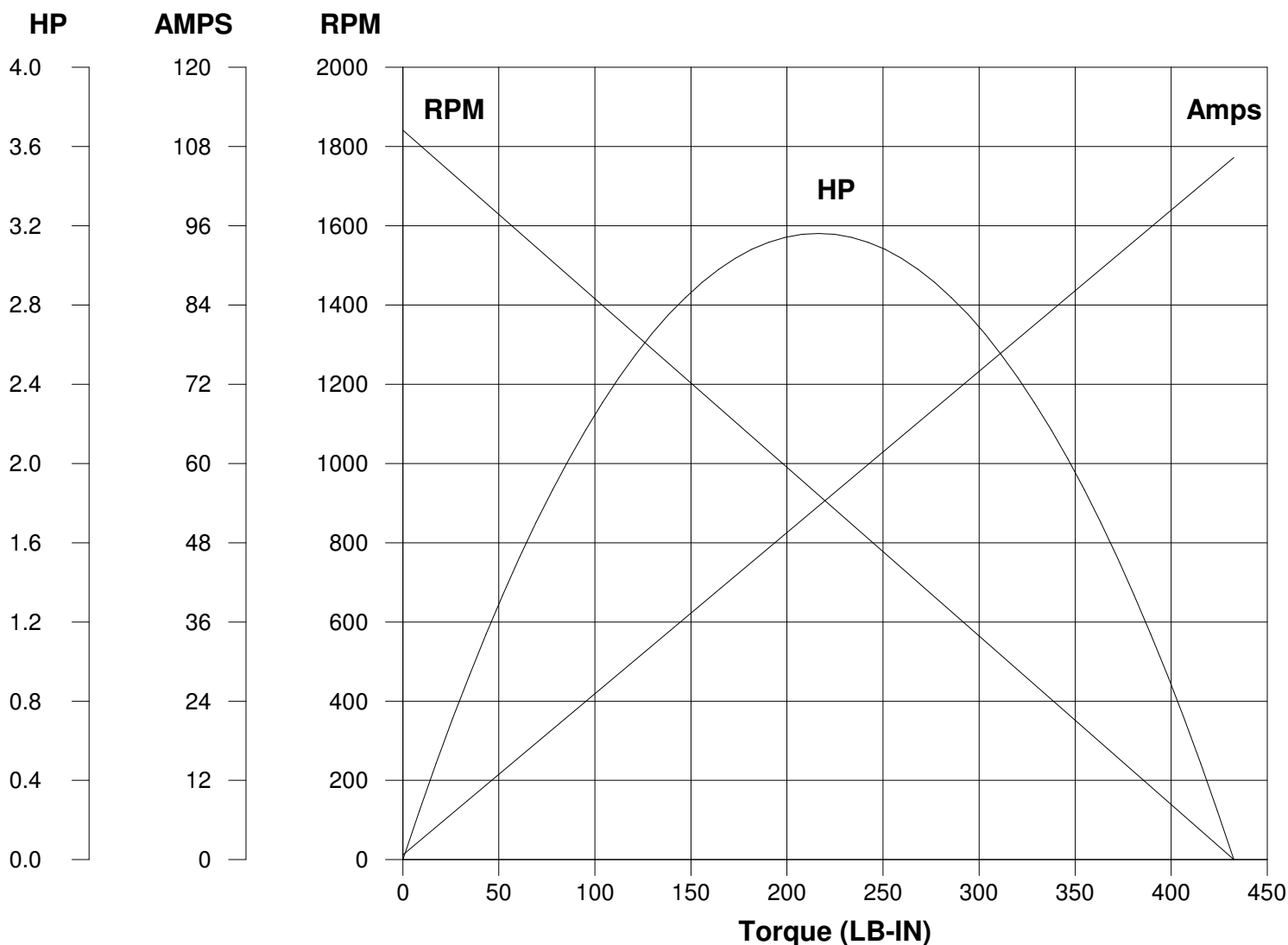
				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN TJF 11/15/97				
				DEC.	INCHES		CHK				
F	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.X	±.1		APPD POW 11/15/97				
E	"MOTOR" WAS "ARMATURE", ECO-0163602	IPG 3/14/19		.XX	±.01	TITLE	EXTERNAL WIRING DIAGRAM		SCALE	1=2	
D	UPDATED TO MAKE IT GENERIC, ECO-0163547	IPG 3/13/19		.XXX	±.005		PMDc MOTOR		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		
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	DRAWING NO.		REV.
			DIST		4 of 5			A	005319.01		F

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE

FOR

DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. C4D17VK1Catalog No. 108226.00HP 0.500RPM 1750DC Volts 90.0N.P. FLA 5.00F.F. 1.38Encl TENVType DNS.F. 1.00Max. Amb. 40.0 Deg CInsul. FFrame S56CDuty Cont

Ra 0.5000 Ohms
 La 7.300 mHenrys
 Ja 12.80 LB-IN²
 Ke 48.56 V/KRPM

Kt 4.104 LB-IN/AMP
 Imax 91.7 AMPS Allowed
 FL Torque 18.00 LB-IN
 FL EFF 81.10 %

Winding W- D56218-1Prepared by S. BernhardtDate 05-06-2009