

PRODUCT INFORMATION PACKET



Model No: 108229.00

Catalog No: 108229.00

White Duck™ Washdown Motor, 0.75 HP, 180 V, 1750 RPM, S56C Frame, TENV



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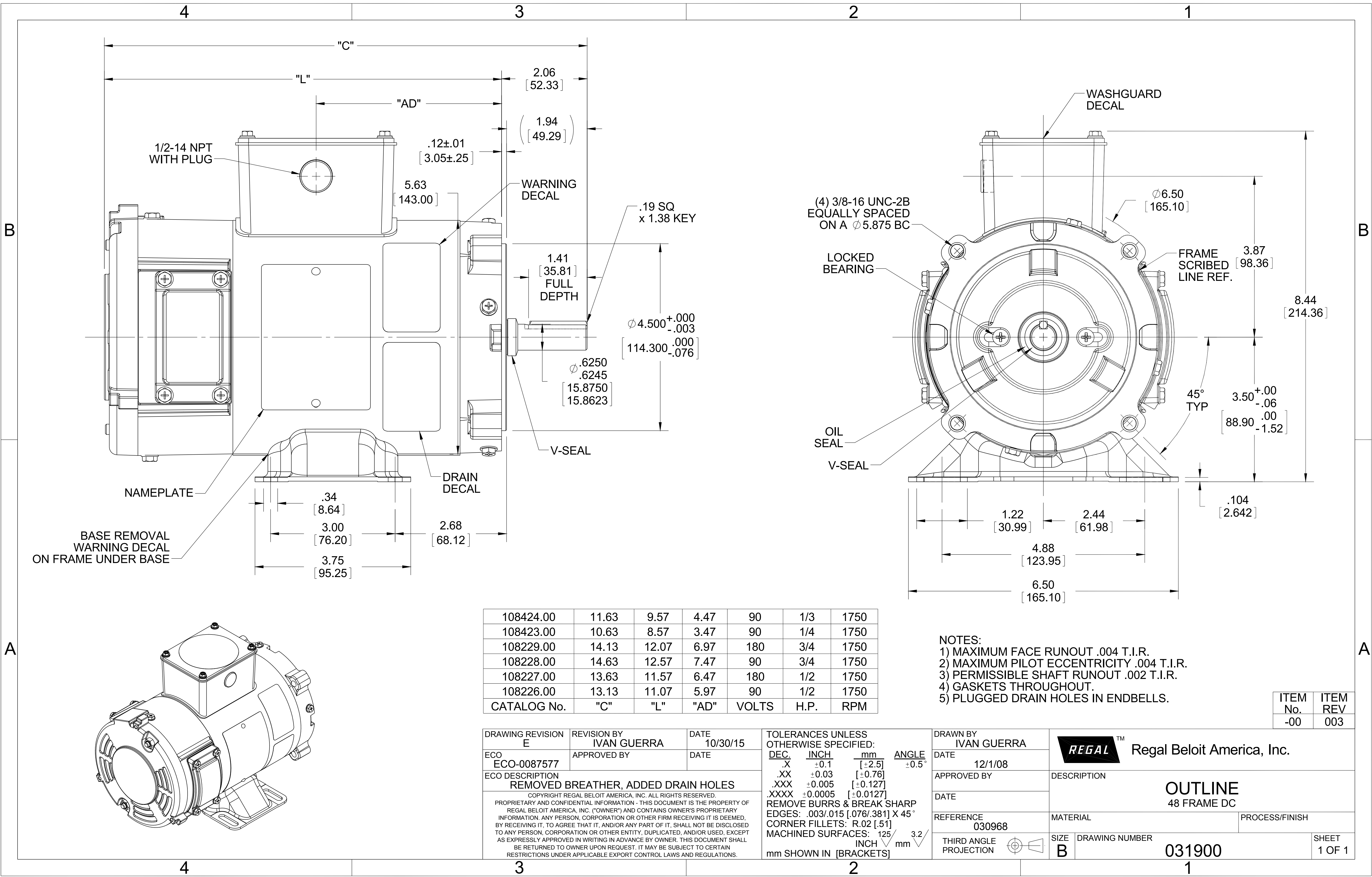
Nameplate Specifications

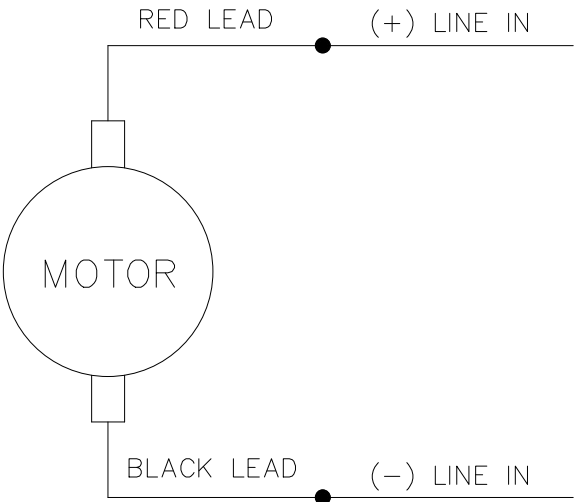
Output HP	0.75 Hp	Output KW	0.56 kW
Voltage	180 V	Speed	1750 rpm
Service Factor	1.0	Frame	S56C
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Efficiency	85 %	Ambient Temperature	40 °C
Current	3.7 A	Duty	Continuous
Insulation Class	F	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Rotation	Reversible	Mounting	Rigid C base
Overall Length	14.13 in	Frame Length	7.97 in
Shaft Diameter	0.625 in	Shaft Extension	2.06 in
Torque	27 LB-IN		
Connection Drawing	00531901	Outline Drawing	031900-108229

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

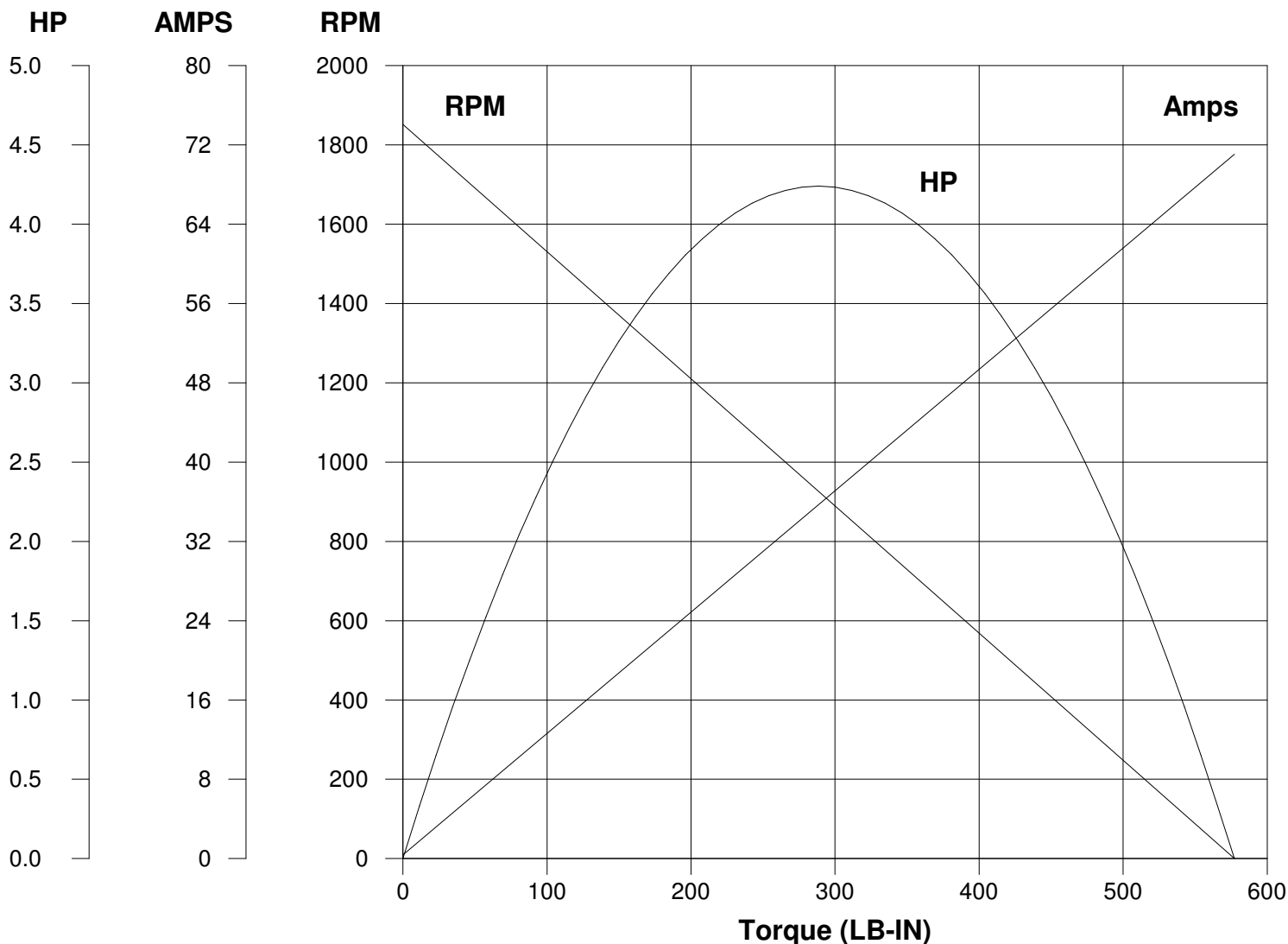
				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN TJF 11/15/97				
				DEC.	INCHES		CHK				
F	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.X	±.1		APPD POW 11/15/97				
E	"MOTOR" WAS "ARMATURE", ECO-0163602	IPG 3/14/19		.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM PMD C 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				
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. C4D17VK4Catalog No. 108229.00HP 0.750RPM 1750DC Volts 180.0N.P. FLA 3.70F.F. 1.38Encl TENVType DNS.F. 1.00Max. Amb. 40.0 Deg CInsul. FFrame S56CDuty Cont

Ra 1.5000 Ohms
 La 21.80 mHenrys
 Ja 16.00 LB-IN²
 Ke 96.67 V/KRPM

Kt 8.171 LB-IN/AMP
 Imax 55.0 AMPS Allowed
 FL Torque 27.00 LB-IN
 FL EFF 85.00 %

Winding W- D56239-1Prepared by S. BernhardtDate 05-06-2009