

PRODUCT INFORMATION PACKET



Model No: 118019.00
Catalog No: 118019.00
Explosion Proof 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 Ventilating	Thermal Protection	Automatic
Efficiency	75.8 %	Ambient Temperature	40 °C
Current	3.3 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

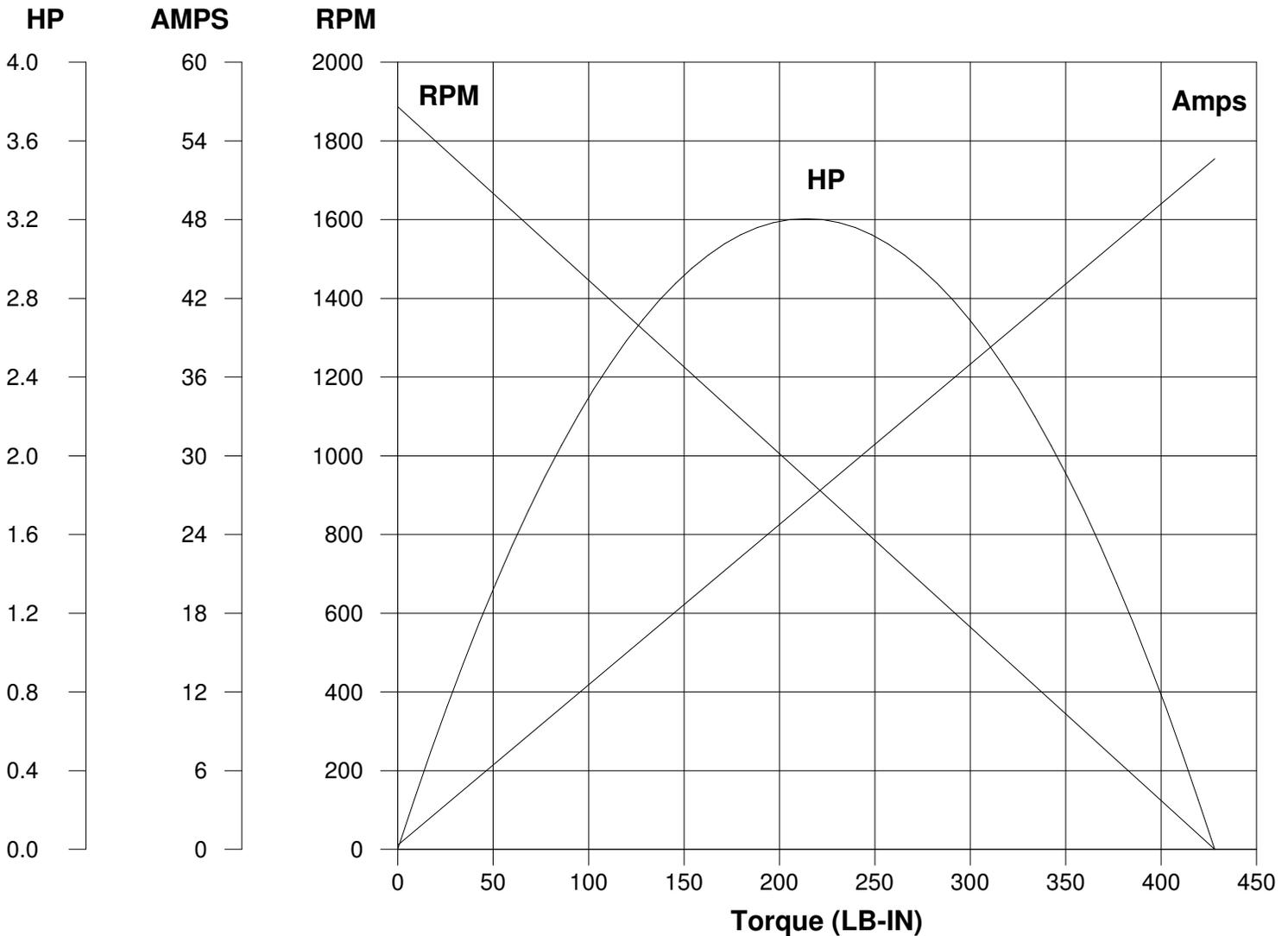
Rotation	Reversible	Mounting	Rigid C base
Overall Length	16.41 in	Shaft Diameter	0.625 in
Shaft Extension	2.1 in	Torque	27 LB-IN
Outline Drawing	034442		

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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. <u>C6D17EK5</u>	Catalog No. <u>118019.00</u>	
HP <u>0.750</u>	RPM <u>1750</u>	DC Volts <u>180.0</u>
F.F. <u>1.40</u>	Encl <u>TENV</u>	Type <u>DE</u>
Max. Amb. <u>40.0 Deg C</u>	Insul. <u>H</u>	Frame <u>S56C</u>
		N.P. FLA <u>3.30</u>
		S.F. <u>1.00</u>
		Duty <u>Cont</u>



Ra 3.0500 Ohms
La 17.40 mHenrys
Ja 11.40 LB-IN²
Ke 95.50 V/KRPM

Kt 8.072 LB-IN/AMP
Imax 38.0 AMPS Allowed
FL Torque 27.00 LB-IN
FL EFF 87.20 %

Winding W- PS9-1A **Prepared by** V. Boehlen **Date** 05-04-2005