

PRODUCT INFORMATION PACKET



Model No: 132553.00

Catalog No: 132553.00

Hydraulic Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM, 182TZ Frame, TEFC



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Nameplate Specifications

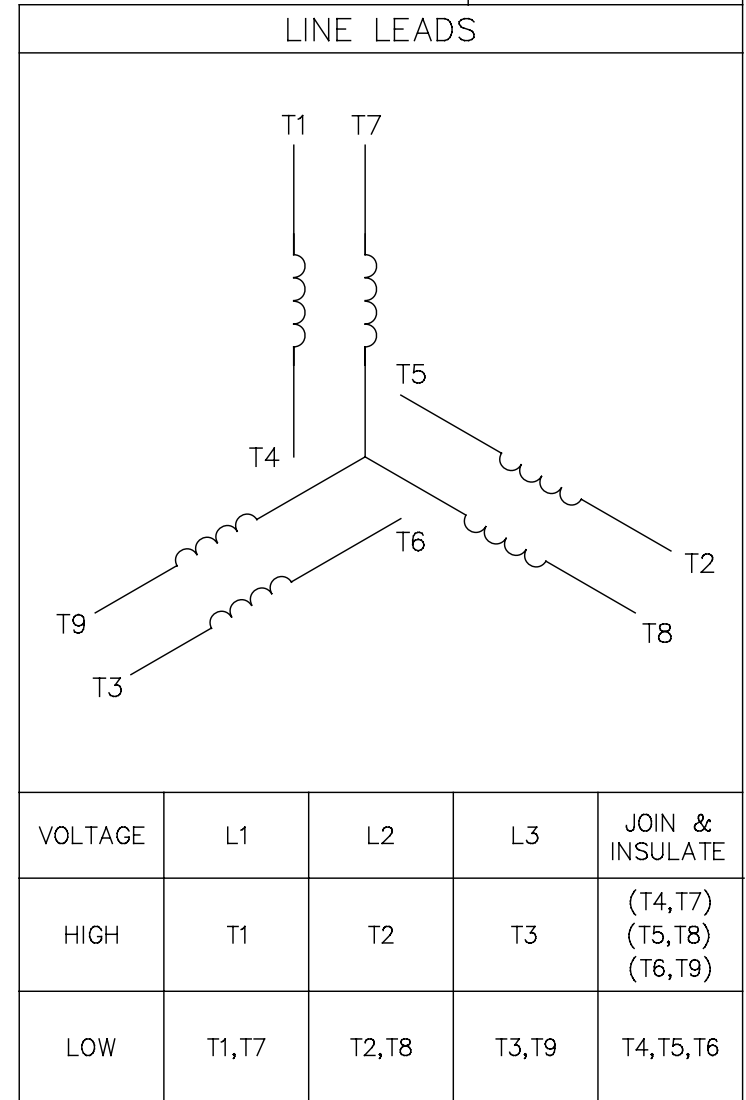
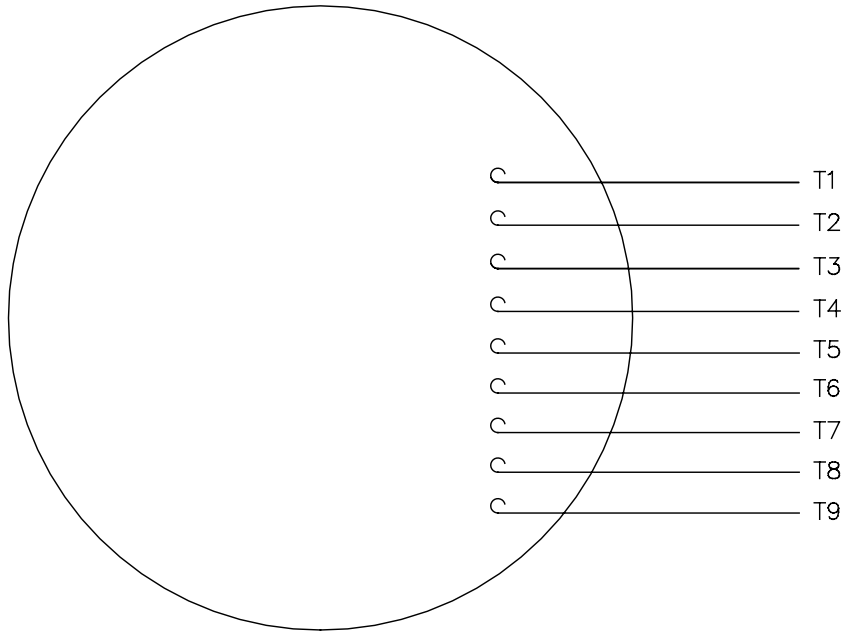
Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1770 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	182TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.4-7.8/3.9 & 9.5/4.75 A	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	6.08 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	12.17 in
Frame Length	9.00 in	Shaft Diameter	1.187 in
Shaft Extension	SAE SPLINE SHAFT in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 10:1		
Outline Drawing	608-0007-900	Connection Drawing	005010.01

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

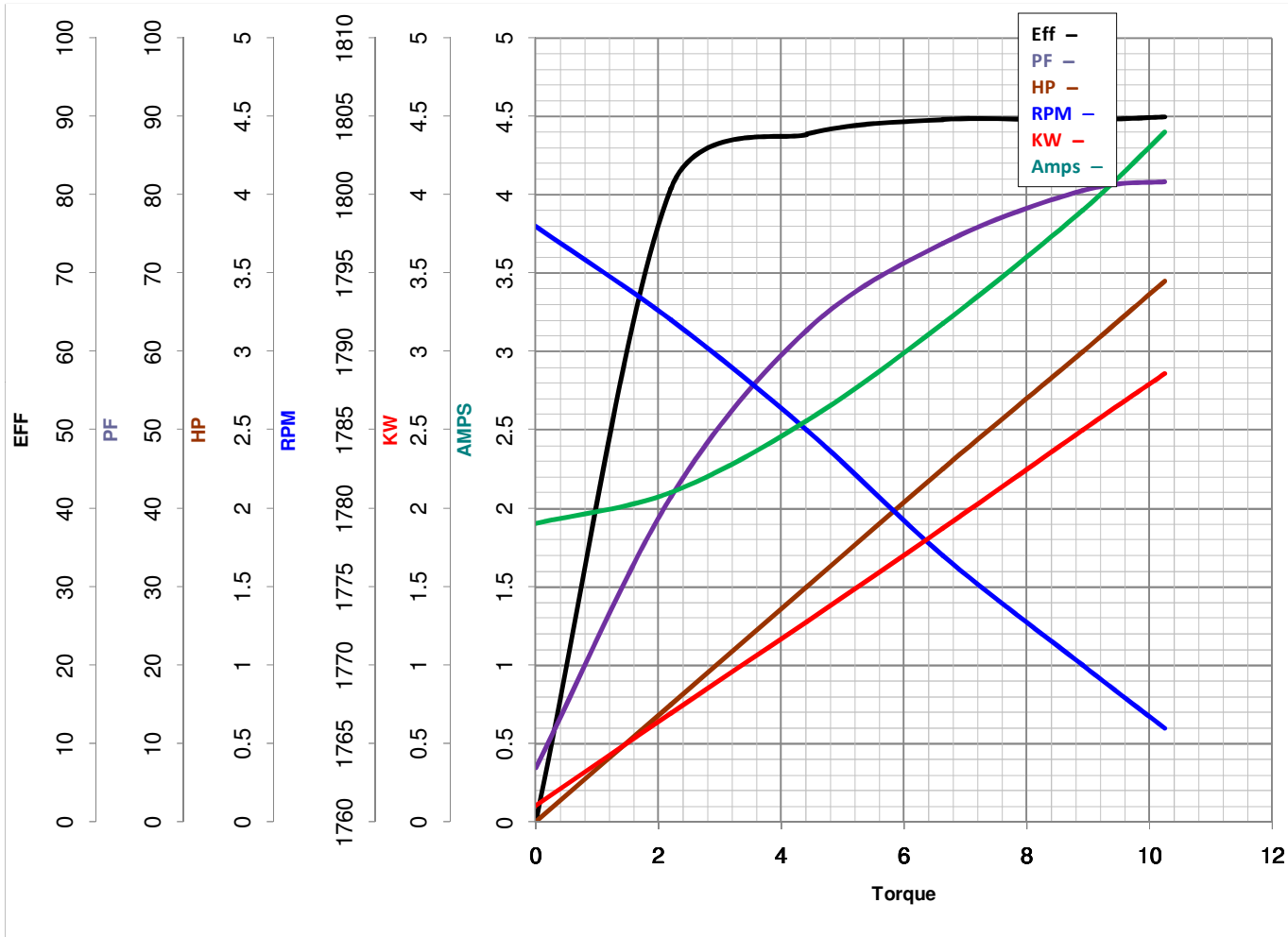


				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.			DRAWN RDW 04/12/02		
				DEC.	INCHES				CHK		
				.X	±.1				APPD		
				.XX	±.01				SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR			REF FIG.2-51		
A	UPDATED TO REGAL LOGO		SAJ 06/26/15	AJY .XXXX	±.0005				MAT'L. DECAL - 004014		
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 04/12/02		CAD FILE 00501001		SIZE A	DRAWING NO. 005010-01		REV. A
				DIST BRF-NLV							



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 132553.00Catalog No 132553.00Curve at 460
60
3Volts
HZ
HPHP 3&2PHASE 3VOLTS 208-230/460&190/380HZ 60&50RPM 1770&1475

Torque in Lb.Ft

FL TORQUE 8.914 Lb.Ft
 BD TORQUE 36.0 Lb.Ft
 LR TORQUE 22.5 Lb.Ft

FL AMPS 8.4-7.8/3.9
 PU TORQUE 21.0 Lb.Ft
 LR AMPS 33.5

WINDING T84174-3

Date 6/5/2018