PRODUCT INFORMATION PACKET

Model No: 128010.00 Catalog No: 128010.00

SCR Motor, 2 HP, 180 V, 1750 RPM, K145TC Frame, TEFC



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E



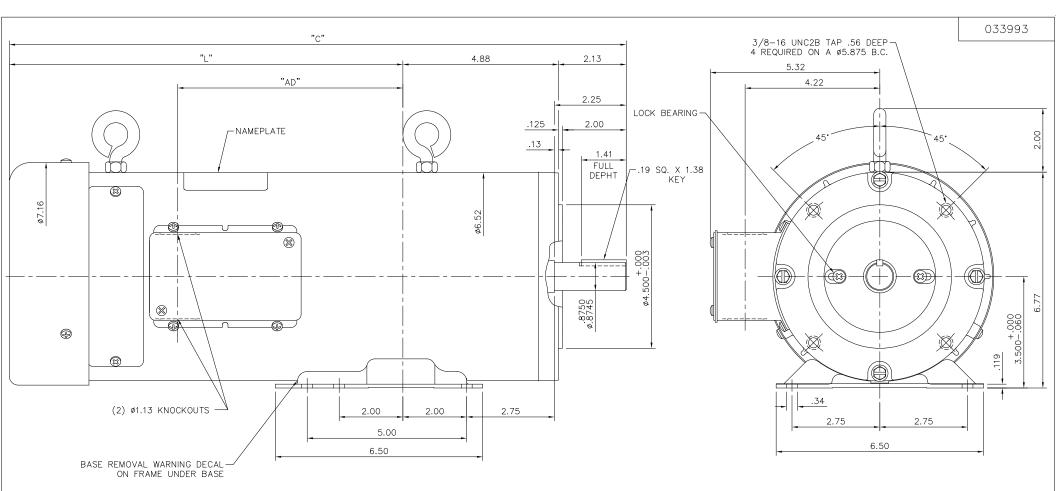
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW	
Voltage	180 V	Current	9.5 A	
Speed	1750 rpm	Service Factor	1	
Efficiency	78.8 %	Duty	Continuous	
Insulation Class	н	Frame	K145TC	
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection	
Ambient Temperature	40 °C	Drive End Bearing Size	6205	
Opp Drive End Bearing Size	6203	UL	Recognized	
CSA	Υ	CE	N	

Technical Specifications

Connection Drawing	00531901	Outline Drawing	033993-K140
Torque	72 LB-IN		
Shaft Diameter	0.875 in	Shaft Extension	2.13 in
Overall Length	19.34 in	Frame Length	14.63 in
Rotation	Reversible	Mounting	Rigid C base

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/19/2022



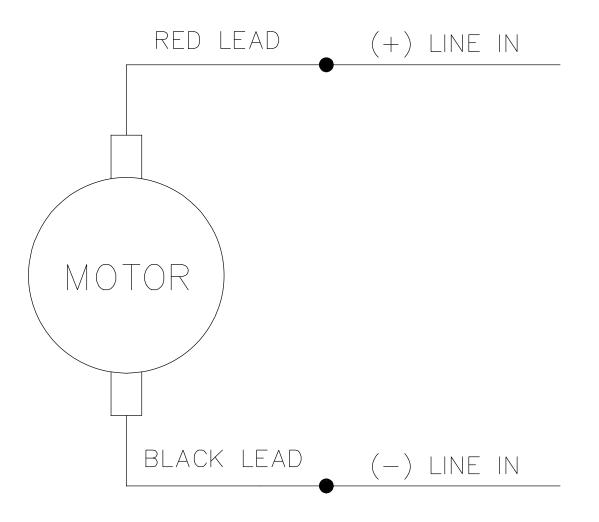
NOTES:

- 1. MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
- 2. MAXIMUM PILOT ECCENTRICITY .004 T.I.R
- 3. PERMISSIBLE SHAFT RUNOUT .002 T.I.R.
- 4. GASKETS THROUGHOUT.

40.04						
18.84	11.84	6.56	T140	22.34	15.34	10.06
18.34	11.34	6.06	R140	21.84	14.84	9.56
17.84	10.84	5.56	P140	21.34	14.34	9.06
17.34	10.34	5.06	N140	20.84	13.84	8.56
16.84	9.84	4.56	M140	20.34	13.34	8.06
16.34	9.34	4.06	L140	19.84	12.84	7.56
15.84	8.84	3.56	K140	19.34	12.34	7.06
"C"	"∟"	"AD"	FRAME	"C"	"∟"	"AD"
	17.84 17.34 16.84 16.34 15.84	17.84 10.84 17.34 10.34 16.84 9.84 16.34 9.34 15.84 8.84	17.84 10.84 5.56 17.34 10.34 5.06 16.84 9.84 4.56 16.34 9.34 4.06 15.84 8.84 3.56	17.84 10.84 5.56 P140 17.34 10.34 5.06 N140 16.84 9.84 4.56 M140 16.34 9.34 4.06 L140 15.84 8.84 3.56 K140	17.84 10.84 5.56 P140 21.34 17.34 10.34 5.06 N140 20.84 16.84 9.84 4.56 M140 20.34 16.34 9.34 4.06 L140 19.84 15.84 8.84 3.56 K140 19.34	17.84 10.84 5.56 P140 21.34 14.34 17.34 10.34 5.06 N140 20.84 13.84 16.84 9.84 4.56 M140 20.34 13.34 16.34 9.34 4.06 L140 19.84 12.84 15.84 8.84 3.56 K140 19.34 12.34

														_	
															ITEM REV
															800
					UNLES	ERANCES S SPECIFIED				ELECTRIC		TORS	DRAWN	PG 9/1	2/91
					DEC.	INCHES] (ΘM	GEARMOTORS			снк		
				П	.x	±.1							APPD	JCW 9/12/91	
				П	.xx	±.03	TITLE		00	TLINE			SCALE	1=2	
				П	.xxx	±.005	1	56 FRAME D)C - 1	40TC FACE	: ANI) BASE	REF	033945	5
CHANGED TO MYLAR NAMEPLATE, ECR-	-0217487	IPG	5/4/22		.xxxx	±.0005	MAT'L.						FMF	C145D17F	K3
O. REVISION		BY	& DATE	СНК	ANG	±1/2*	FINISH						PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT							CAD FIL	E 0.	33993		SIZE				REV
THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT											B	0.7	3399	13	C
). REVISION THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPE IN CONNECTION WITH OUR WORK ALL RIGHTS OF D). REVISION THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION AR	D. REVISION BY THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED E IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESE	D. REVISION BY & DATE 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	CHANGED TO MYLAR NAMEPLATE, ECR-0217487 IPG 5/4/22 D. REVISION BY & DATE CHK 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.	DEC. XX XX CHANGED TO MYLAR NAMEPLATE, ECR—0217487 IPG 5/4/22 XXXX CHANGED TO MYLAR NAMEPLATE, ECR—0217487 IPG 5/4/22 XXXX D. REVISION BY & DATE CHK ANG THIS DRAWING IN DESIGN AND DESIGN AND INVENTION ARE RESERVED IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED REP	DEC. INCHES	. X ±.1 . XX ±.03 . TITLE . XXX ±.005 . CHANGED TO MYLAR NAMEPLATE, ECR-0217487 . IPG 5/4/22 . XXXX ±.005 . CHANGED TO MYLAR NAMEPLATE, ECR-0217487 . IPG 5/4/22 . XXXX ±.0005 . MAT'L. 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	DEC. INCHES 1.1 1.2 1.2 1.3 1.3 1.4 1.4 1.5 1.	DEC. INCHES LITTLE OU	GEARM AND [DEC. INCHES X ±.1	DEC. INCHES Xx ±.1	DEC. INCHES DEC. INCHES SCARMOTORS AND DRIVES APPO APPO AND DRIVES APPO APPO APPO APPO APPO APPO APPO AND DRIVES APPO APPO APPO AND DRIVES APPO APPO AND DRIVES APPO APPO AND DRIVES APPO APPO APPO AND BASE REF CHANGED TO MYLAR NAMEPLATE, ECR-0217487 IPG 5/4/22 AXXXX ±.005 AXXX ±.005 APPO AXXX ±.005 APPO AXXX ±.005 APPO ARTL FINSH 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 APPO AXXX ±.005 ARTL FINSH PREV CAD FILE O33993 AND DRAWING NO. DECEMBRY OF THE COLUMN OF TH	UNLESS SPECIFIED UNLESS SPECIFIED DEC. INCHES AND DRIVES AND DRIVES APPD JCW 9/1 APPD

005319.01



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

			TOLERANCES UNLESS SPECIFIE		FIF	ECTRIC MOT	TORS	DRAWN TJF 11/	 /15/97
			DEC. INCHES			GEARMOTOR		CHK	
			.X ±.1			AND DRIVE	S	APPD POW 11/	[′] 15/97
E "MOTOR" WAS "ARMATURE", ECO-0163602	IPG 3/14/19		.XX ±.01	TITLE	external wiring	g diagram		SCALE 1=	2
D UPDATED TO MAKE IT GENERIC, ECO-0163547	IPG 3/13/19		.XXX ±.005		PMDC MO	TOR		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 M		RFP		CAD FILE	00531901	SIZE	DRAWING N		REV.
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND I THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO N		DIST		,		A		5319.01	E

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE FOR DIRECT CURRENT PERMANENT MAGNET MOTOR

Model No. C145D17FK3A

Catalog No. 128010.00

HP 2.000

RPM 1750

DC Volts 180.0 **N.P. FLA** 9.50

F.F. 1.40

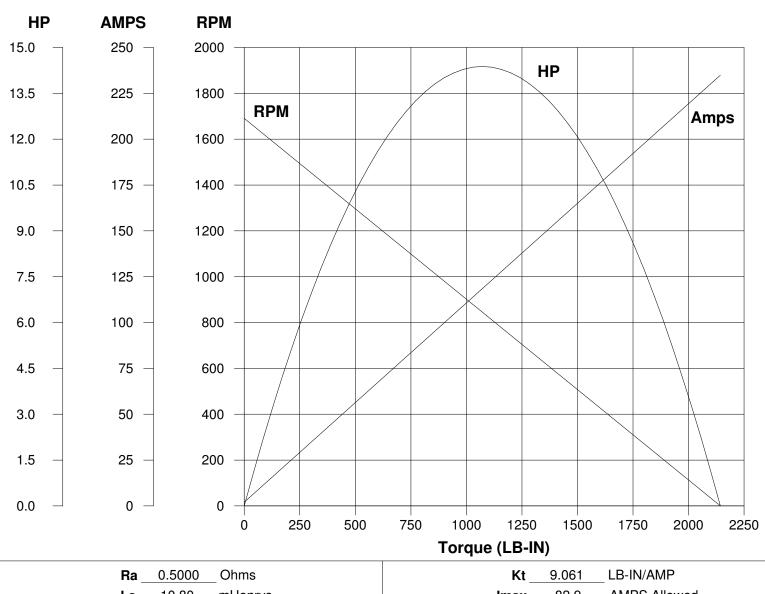
Encl TEFC

Type DF **S.F.** 1.00

Max. Amb. 40.0 Deg C Insul. H

Frame K145TC

Duty CONT



La 10.80 mHenrys Ja

LB-IN² 18.13 **Ke** 107.2 V/KRPM

82.9 AMPS Allowed Imax

72.00 LB-IN FL Torque FL EFF 78.80 %

Winding W- D6322-1 Prepared by V. Boehlen

Date 05-02-2005