

NEMA

Model GPS0032C-TC-01
MFG PN: SLF182T3Z2L-CAN

Model **GPS0032C-TC-01**

Product Data Package



MODEL	HP	RPM	VOLTAGE	PHASE	Hz	FRAME	MOUNT	ENCLOSURE
GPS0032C-TC-01	3	3500	115/208-230	1	60	182TC	Rigid/C-Flange	TEFC

Toronto

TOLL FREE 1.888.286.1820
PHONE 905.829.1001
EMAIL info@techtopcanada.com

Montreal

TOLL FREE 1.844.354.5111
PHONE 514.354.1002
EMAIL infoQC@techtopcanada.com

Moncton

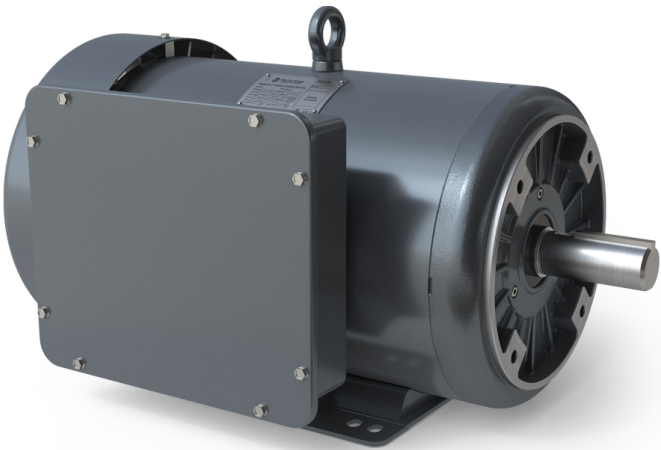
PHONE 506.386.5794
EMAIL infoNB@techtopcanada.com

Winnipeg

PHONE 204.633.2779
EMAIL infoMB@techtopcanada.com

Vancouver

PHONE 604.525.1551
EMAIL infoBC@techtopcanada.com



Index

Motor General Data Sheet	P 2
Nameplate Information	P 3
Technical Performance Data	P 4
Motor General Wiring Diagram	P 5
Motor General Outline Drawing	P 6



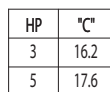
Model GPS0032C-TC-01
MFG PN: SLF182T3Z2L-CAN

ELECTRICAL DATA		
Rated Motor Output Power	3	HP
	-	kW
Rated Motor Speed	3500	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	25.0/14.0-12.5	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	1	Ø
Locked Rotor Current @ High Voltage	86.73	A (I _n) @ 60Hz
FI Current @ 208V	14	A (I _n) @ 60Hz
Service Factor	1.15	@ 60Hz
	-	@ 50Hz
KVA Code	H	60Hz
	-	50Hz
Nominal Efficiency	78	% @ 60Hz
Nominal Power Factor	0.98	cosΦ @ 60Hz
Leads (Qty, Size)	6	12
Connection	-	-
Coil Resistance	-	Ω
Start Capacitor	500/165	µF/V
Run Capacitor	100/250	µF/V
VFD DUTY (S.F. 1.0)	RATIO	Hz
Variable Torque	-	-
Constant Torque	-	-
FULL LOAD TEMPERATURE RISE		
Full Load Temperature Rise	50.1	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	182TC	
Enclosure	TEFC	
Mounting	Rigid/C-Flange	
Approximate Weight (lbs.)	91.5 lbs.	
Casing Material / Fan Cover	Rolled Steel	Steel
Shaft Material	1045	
NEMA Design	L	
Degree of Protection (IP)	54	
Insulation Class / Temp Rise (60Hz)	F	B
Tropicalization	NO	
Duty	Cont. / S1	
Conduit Box Location	F1	
Feet Removable / Double Drilled	NO	YES
Paintwork	7024	
	Graphite Gray	
MECHANICAL DATA		
Bearing DE Side	6206 2RS	
Bearing ODE Side	6205 2RS	
Grease Type	Mobil Polyrex EM	
Compensation Ring (wavy washer)	NDE	
Moment of Inertia (lb-ft²)	-	
Sound Pressure @ 3 FT dBA	-	
SITE CONDITIONS		
Ambient Temperature (°C)	40	
Meters Above Sea Level (MASL)	1000	
HAZARDOUS LOCATIONS		
CSA Certified	-	
Temperature Code	-	-

Questions? Call 1.888.286.1820

Model GPS0032C-TC-01
MFG PN: SLF182T3Z2L-CAN



NAMEPLATE LAYOUT	
 TECHTOP	Date of Mfg:
GEN. PURPOSE SINGLE PHASE MOTOR	SER No.
MODEL: MFG PN:SLF	WIRING DIAGRAM
FRAME: HP: RPM: SF:	
VOLTS: HZ: AMPS:	
KVA Code: PF: EFF: DUTY: <u>CONT</u>	
DES: INS.CLASS: AMBIENT: <u>40 °C</u>	
ENCL: CAP: μF V	
DE. BRG: <u>ZZ</u> ODE. BRG: <u>ZZ</u>	
MADE IN CHINA	TECHTOPCANADA.COM

*For max speed please contact Techtop Canada

HAZARDOUS LOCATIONS	-
Class / Division	-
Groups	-

3 of 6

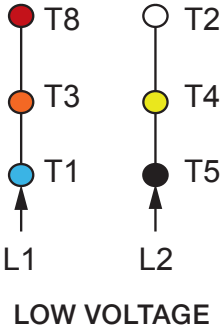
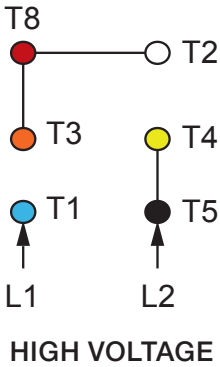
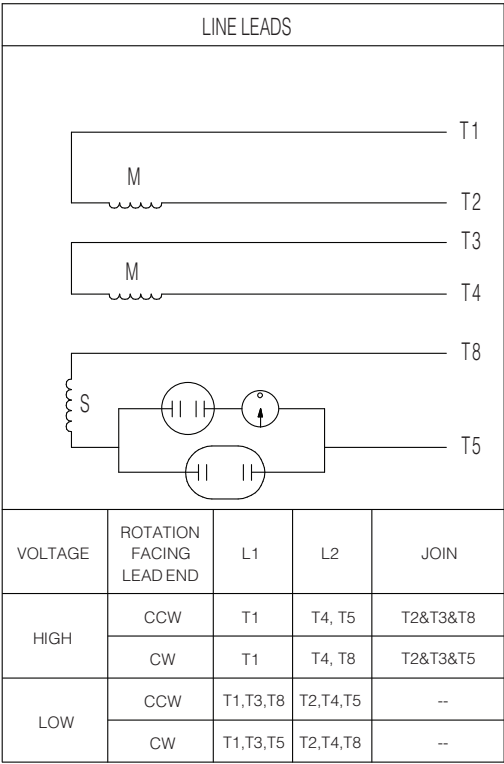
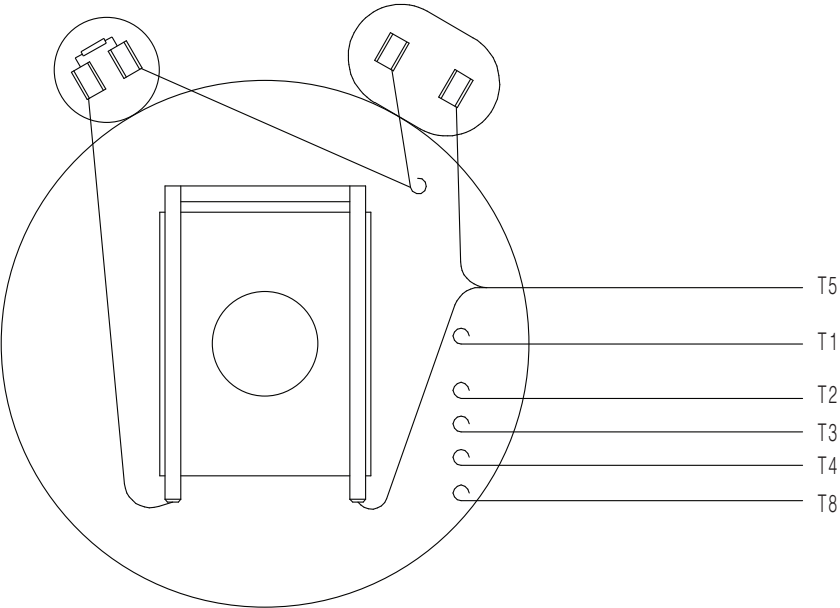


Model GPS0032C-TC-01
MFG PN: SLF182T3Z2L-CAN

PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz			TYPICAL PERFORMANCE - NOT GUARANTEED VALUES	
TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	4.5	228	Start Configuration	DOL
Pull-Up Torque	6.2	137	Starting Current (A)	86.73
Breakdown Torque	11.8	262	No-Load Current (A)	3.6
Full Load Torque	10.3	100	No-Load Power Factor	-

% OF RATED LOAD	25	50	75	100	125	S.F. 1.15
Line Amperes (A)	-	-	-	12.1	-	-
Efficiency (%)	-	-	-	78.9	-	-
Speed (r/min)	-	-	-	3521	-	-
Power Factor (cosΦ)	-	-	-	1	-	-
Input Power (kW)	-	-	-	2.79	-	-

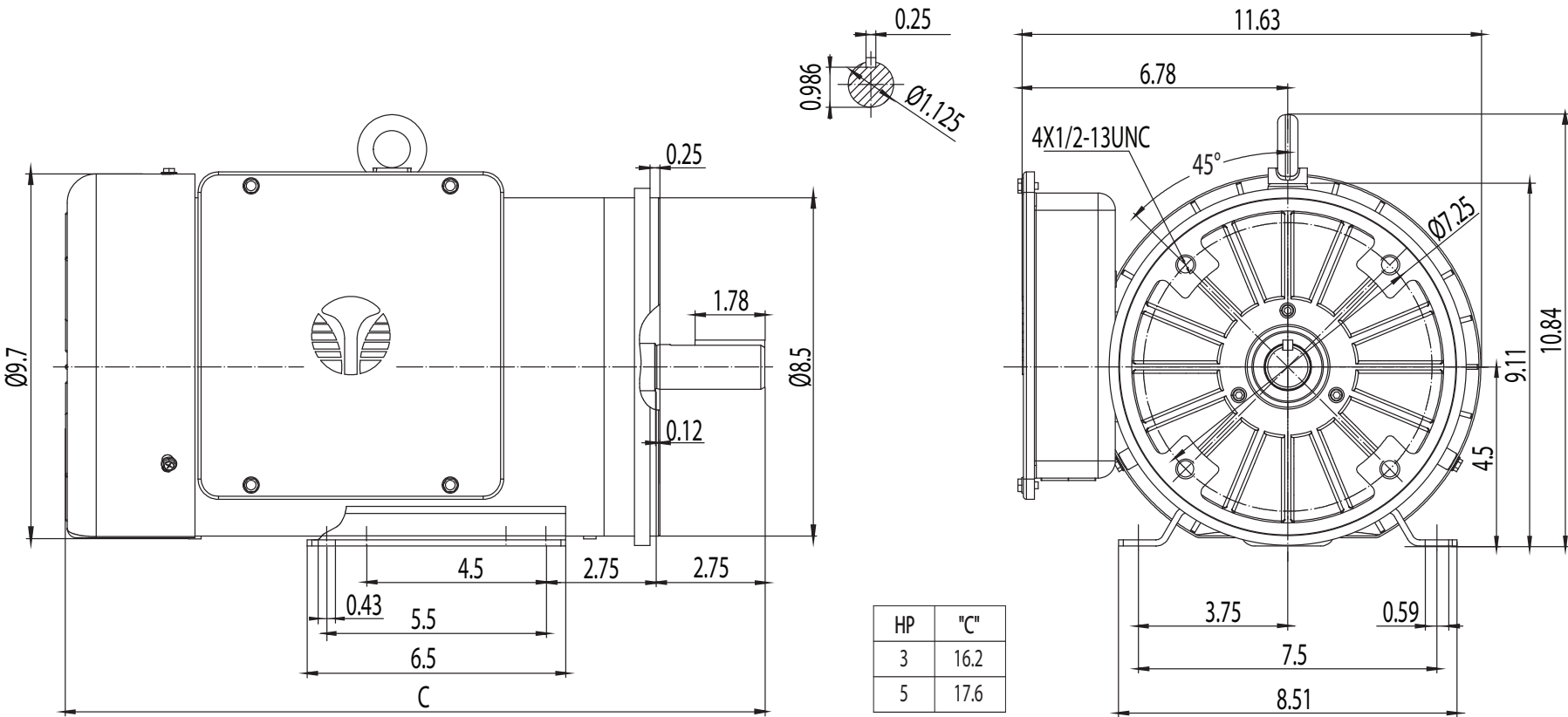
Questions? Call 1.888.286.1820



NEMA 10 General Purpose Dual Voltage

DRAWING NUMBER:	NEMA-GP-56-140T
CONNECTION:	-
NUMBER OF LEADS:	6
THERMAL PROTECTION:	Optional

ISSUED DATE	01/08/25
GENERAL PURPOSE SINGLE PHASE MOTORS	



TEFC 182TC

DRAWING NUMBER:	BL1-RS-TF-180TC-01	ISSUED DATE	01/08/25
DIMENSIONS:	Inches	GENERAL PURPOSE SINGLE PHASE MOTORS	
MOUNTING:	Rigid/C-Flange		
CASING MATERIAL:	Rolled Steel		