

NEMA

Model GPS.754C-C-RND-01
MFG PN: SLF563/4Z4L

Model **GPS.754C-C-RND-01**

Product Data Package



MODEL	HP	RPM	VOLTAGE	PHASE	Hz	FRAME	MOUNT	ENCLOSURE
GPS.754C-C-RND-01	0.75	1725	115/208-230	1	60	56C	Round Body/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

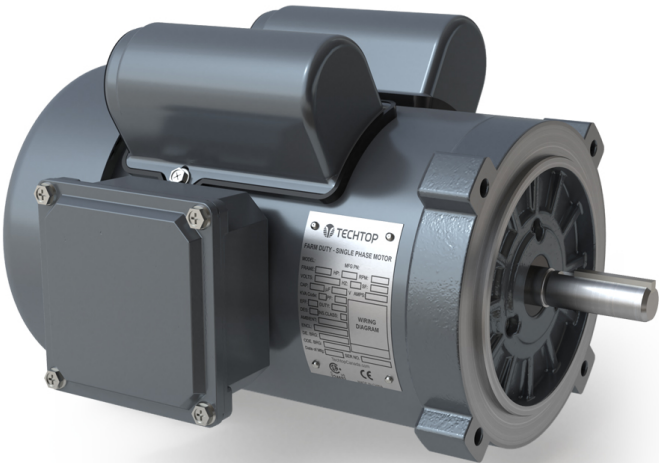
PHONE 506.386.5794
EMAIL infoNB@techtopcanada.com

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



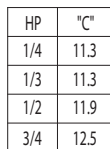
Model GPS.754C-C-RND-01
MFG PN: SLF563/4Z4L

ELECTRICAL DATA		
Rated Motor Output Power	0.75	HP
	-	kW
Rated Motor Speed	1725	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	7.4/4.1-3.7	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	1	Ø
Locked Rotor Current @ High Voltage	22.59	A (I _n) @ 60Hz
FI Current @ 208V	4.1	A (I _n) @ 60Hz
Service Factor	1.15	@ 60Hz
	-	@ 50Hz
KVA Code	J	60Hz
	-	50Hz
Nominal Efficiency	72	% @ 60Hz
Nominal Power Factor	0.9	cosΦ @ 60Hz
Leads (Qty, Size)	6	14
Connection	-	-
Coil Resistance	-	Ω
Start Capacitor	300/125	µF/V
Run Capacitor	60/250	µF/V
VFD DUTY (S.F. 1.0)	RATIO	Hz
Variable Torque	-	-
Constant Torque	-	-
FULL LOAD TEMPERATURE RISE		
Full Load Temperature Rise	63	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	56C	
Enclosure	TEFC	
Mounting	Round Body/C-Flange	
Approximate Weight (lbs.)	30 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	-	-
Paintwork	7024	
	Graphite Gray	
MECHANICAL DATA		
Bearing DE Side	6203 2RS	
Bearing ODE Side	6202 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 GPS.754C-C-RND-01
MFG PN: SLF563/4Z4L



NAMEPLATE LAYOUT

 TECHTOP	
GEN. PURPOSE SINGLE PHASE MOTOR	
MODEL: _____ MFG PN: _____	
FRAME: _____ HP: _____	RPM: _____
VOLTS: _____ HZ: _____	SF: _____
CAP: _____ μ F _____	V AMPS: _____
KVA Code: _____ PF: _____	WIRING DIAGRAM
EFF: _____ DUTY: _____	
DES: _____ INS.CLASS: _____	
AMBIENT: _____	
ENCL: _____	
DE. BRG: _____	
ODE. BRG: _____	SER NO. _____
Date of Mfg: _____	
	

*For max speed please contact Techtop Canada

Questions? Call 1.888.286.1820

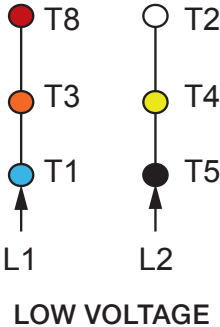
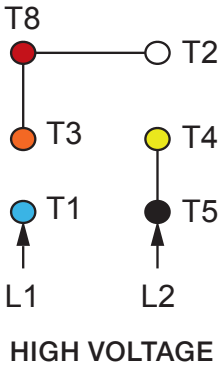
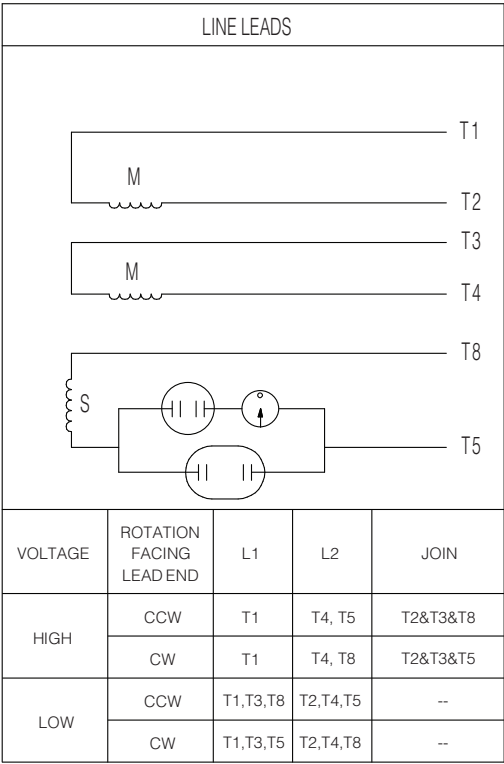
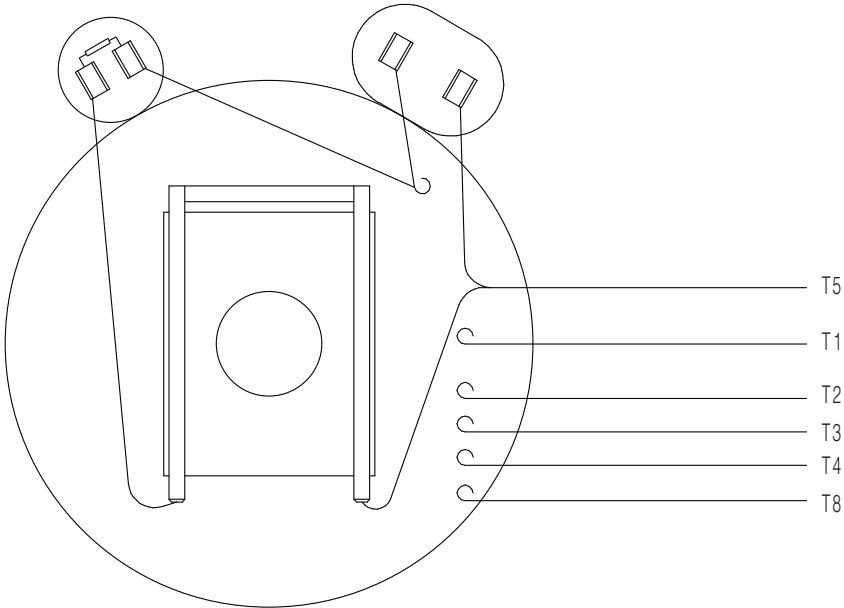
NEMA

Model GPS.754C-C-RND-01
MFG PN: SLF563/4Z4L

PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz			TYPICAL PERFORMANCE - NOT GUARANTEED VALUES	
TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	2.3	313	Start Configuration	DOL
Pull-Up Torque	5.3	230	Starting Current (A)	22.59
Breakdown Torque	6.2	273	No-Load Current (A)	1.4
Full Load Torque	7.1	100	No-Load Power Factor	0.18

% OF RATED LOAD	25	50	75	100	125	S.F. 1.15
Line Amperes (A)	-	-	-	3.4	-	-
Efficiency (%)	-	-	-	76.6	-	-
Speed (r/min)	-	-	-	1733	-	-
Power Factor (cosΦ)	-	-	-	0.27	-	-
Input Power (kW)	-	-	-	0.73	-	-

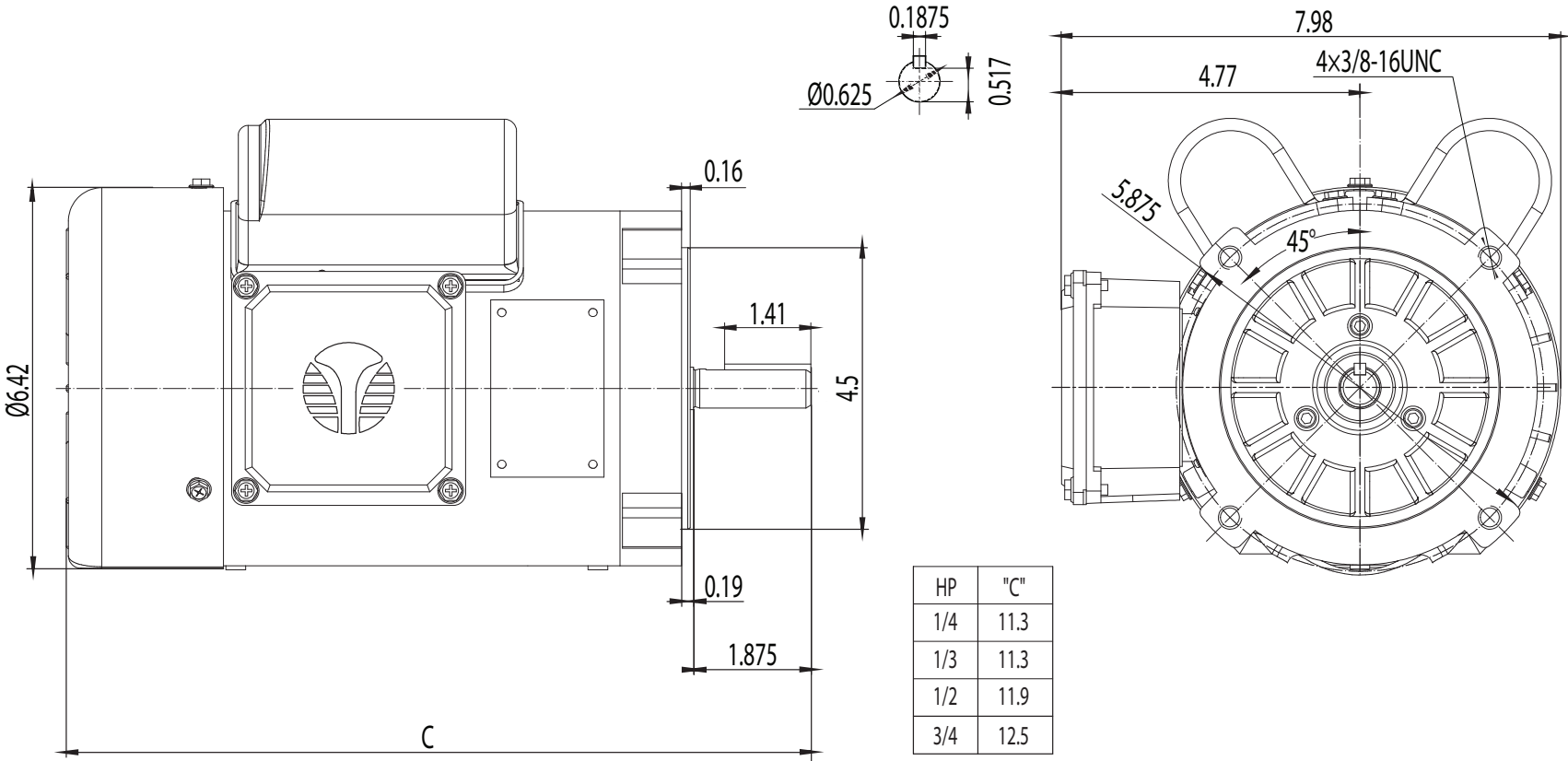
Questions? Call 1.888.286.1820



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 56C

DRAWING NUMBER:	BL1-RS-TF-56C-RND-01	ISSUED DATE	01/08/25
DIMENSIONS:	Inches	GENERAL PURPOSE SINGLE PHASE MOTORS	
MOUNTING:	Round Body/C-Flange		
CASING MATERIAL:	Rolled Steel		