

NEMA

Model GPS0004C-C-RND-01
MFG PN: SLF56H1Z4L

Model **GPS0004C-C-RND-01**

Product Data Package



MODEL	HP	RPM	VOLTAGE	PHASE	Hz	FRAME	MOUNT	ENCLOSURE
GPS0004C-C-RND-01	1	1750	115/208-230	1	60	56HC	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



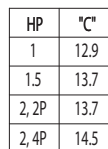
Model GPS0004C-C-RND-01
MFG PN: SLF56H1Z4L

ELECTRICAL DATA		
Rated Motor Output Power	1	HP
	-	kW
Rated Motor Speed	1750	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	9.3/4.95-4.65	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	1	Ø
Locked Rotor Current @ High Voltage	32.56	A (I _n) @ 60Hz
FI Current @ 208V	4.95	A (I _n) @ 60Hz
Service Factor	1.15	@ 60Hz
	-	@ 50Hz
KVA Code	J	60Hz
	-	50Hz
Nominal Efficiency	77.5	% @ 60Hz
Nominal Power Factor	0.9	cosΦ @ 60Hz
Leads (Qty, Size)	6	14
Connection	-	-
Coil Resistance	-	Ω
Start Capacitor	300/165	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	52.3	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	56HC	
Enclosure	TEFC	
Mounting	Round Body/C-Flange	
Approximate Weight (lbs.)	41 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	6204 2RS	
Bearing ODE Side	6203 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

MFG PN: SLF56H1Z4L



NAMEPLATE LAYOUT



TECHTOP

Date of Mfg:

GEN. PURPOSE SINGLE PHASE MOTOR

MODEL: _____

FRAME: **HP:** **RPM:** **SF:**

VOLTS: **HZ:** **AMPS:**

KVA Code: **PF:** **EFF:** **DUTY:** **CONT**

DES: **INS.CLASS:** **AMBIENT:** **40 °C**

ENCL: **CAP:** **µF** **V**

DE. BRG: **ZZ** **ODE. BRG:** **ZZ**

**WIRING
DIAGRAM**

MADE IN CHINA

TECHTOPCANADA.COM



C US
224693



*For max speed please contact Techtop Canada

Questions? Call 1.888.286.1820

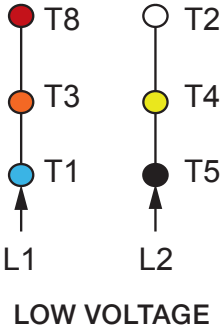
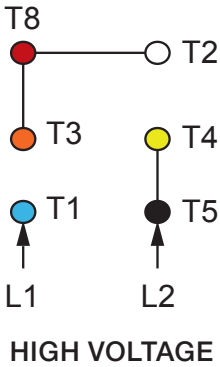
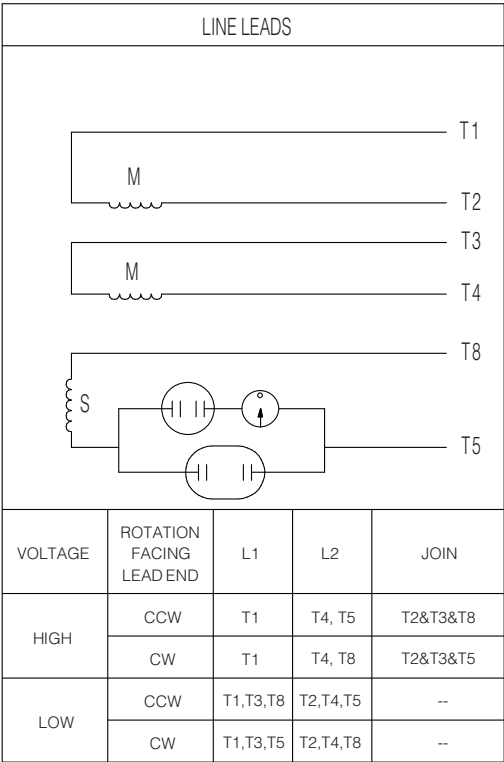
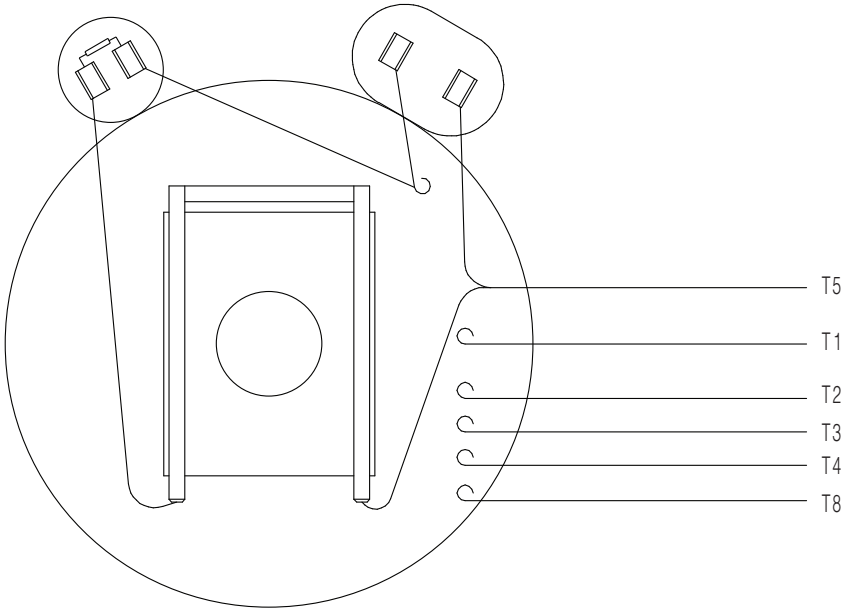


Model GPS0004C-C-RND-01
MFG PN: SLF56H1Z4L

PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz			TYPICAL PERFORMANCE - NOT GUARANTEED VALUES	
TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	3	346	Start Configuration	DOL
Pull-Up Torque	7.2	240	Starting Current (A)	32.56
Breakdown Torque	8	266	No-Load Current (A)	2
Full Load Torque	10.4	100	No-Load Power Factor	0.21

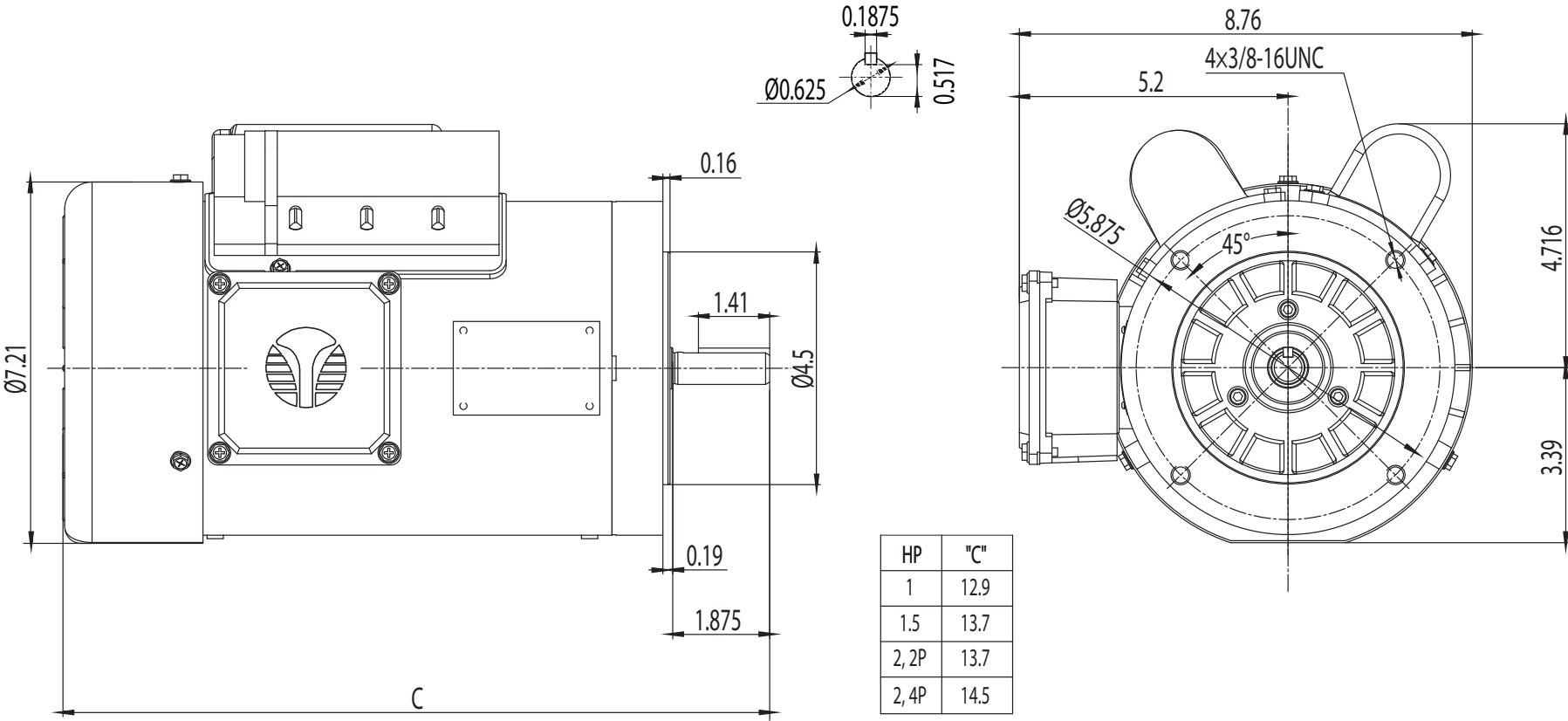
% OF RATED LOAD	25	50	75	100	125	S.F. 1.15
Line Amperes (A)	-	-	-	4.5	-	-
Efficiency (%)	-	-	-	74.4	-	-
Speed (r/min)	-	-	-	1746	-	-
Power Factor (cosΦ)	-	-	-	0.28	-	-
Input Power (kW)	-	-	-	1.01	-	-

Questions? Call 1.888.286.1820



NEMA 10 General Purpose Dual Voltage

DRAWING NUMBER:	NEMA-GP-56-140T	ISSUED DATE	01/08/25
CONNECTION:	-	GENERAL PURPOSE SINGLE PHASE MOTORS	
NUMBER OF LEADS:	6		
THERMAL PROTECTION:	Optional		



TEFC 56HC

DRAWING NUMBER:

BL1-RS-TF-56HC-RND-01

DIMENSIONS:

Inches

MOUNTING:

Round Body/C-Flange

CASING MATERIAL:

Rolled Steel

ISSUED DATE

01/08/25

GENERAL PURPOSE SINGLE PHASE MOTORS