

NEMA

Model GPS0014C-C-RND-01
MFG PN: SLF56H1.5Z4L

Model **GPS0014C-C-RND-01**

Product Data Package



MODEL	HP	RPM	VOLTAGE	PHASE	Hz	FRAME	MOUNT	ENCLOSURE
GPS0014C-C-RND-01	1.5	1740	115/208-230	1	60	56HC	Round Body/C-Flange	TEFC

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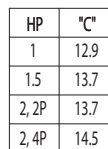
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ELECTRICAL DATA		
Rated Motor Output Power	1.5	HP
	-	kW
Rated Motor Speed	1740	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	13.3/7.2-6.65	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	1	Ø
Locked Rotor Current @ High Voltage	43.34	A (I _n) @ 60Hz
FI Current @ 208V	7.2	A (I _n) @ 60Hz
Service Factor	1.15	@ 60Hz
	-	@ 50Hz
KVA Code	H	60Hz
	-	50Hz
Nominal Efficiency	79.5	% @ 60Hz
Nominal Power Factor	0.92	cosΦ @ 60Hz
Leads (Qty, Size)	6	14
Connection	-	-
Coil Resistance	-	Ω
Start Capacitor	400/165	µF/V
Run Capacitor	80/250	µF/V
VFD DUTY (S.F. 1.0)	RATIO	Hz
Variable Torque	-	-
Constant Torque	-	-
FULL LOAD TEMPERATURE RISE		
Full Load Temperature Rise	64.6	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	56HC	
Enclosure	TEFC	
Mounting	Round Body/C-Flange	
Approximate Weight (lbs.)	48 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**

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NAMEPLATE LAYOUT

 TECHTOP	Date of Mfg:
	SER No.
GEN. PURPOSE SINGLE PHASE MOTOR	
MODEL:	MFG PN:SLF
FRAME: HP: RPM: SF:	WIRING DIAGRAM
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	

*For max speed please contact Techtop Canada

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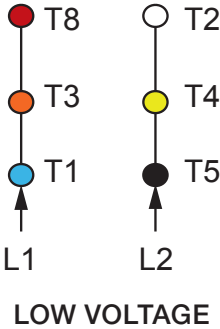
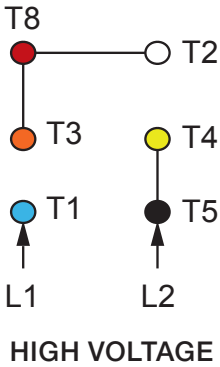
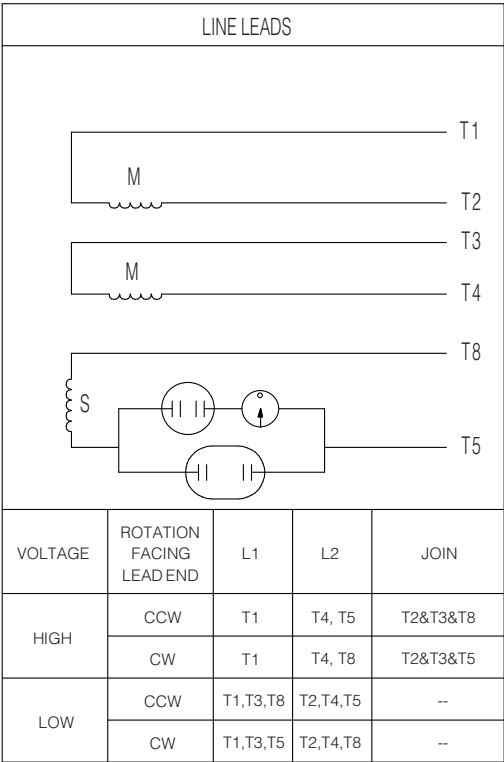
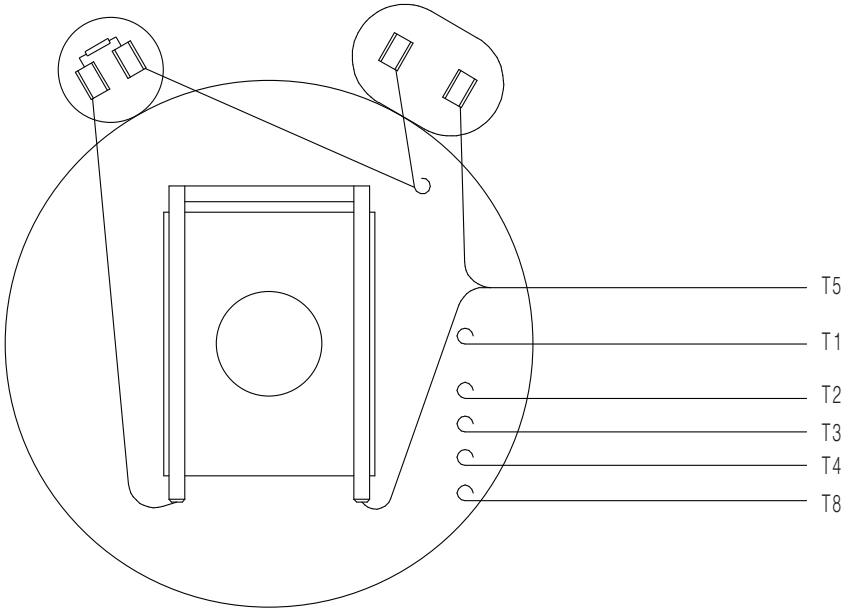
PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz			TYPICAL PERFORMANCE - NOT GUARANTEED VALUES	
TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	4.5	332	Start Configuration	DOL
Pull-Up Torque	11.3	249	Starting Current (A)	43.34
Breakdown Torque	12.1	268	No-Load Current (A)	2.7
Full Load Torque	15	100	No-Load Power Factor	0.2

% OF RATED LOAD	25	50	75	100	125	S.F. 1.15
Line Amperes (A)	-	-	-	6.7	-	-
Efficiency (%)	-	-	-	75.5	-	-
Speed (r/min)	-	-	-	1740	-	-
Power Factor (cosΦ)	-	-	-	0.28	-	-
Input Power (kW)	-	-	-	1.49	-	-

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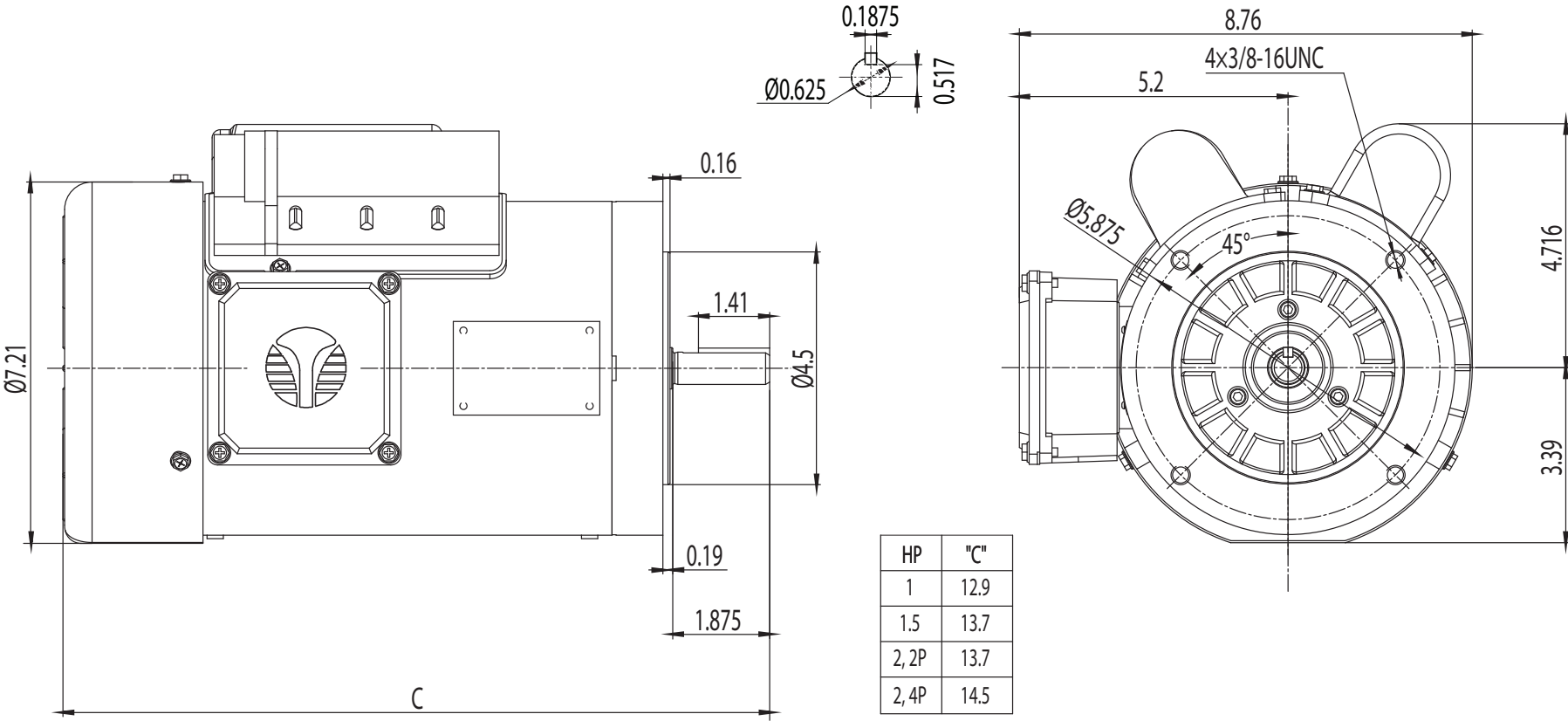


Model **GPS0014C-C-RND-01**
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NEMA 10 General Purpose Dual Voltage

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	ISSUED DATE	01/08/25
DIMENSIONS:	Inches	GENERAL PURPOSE SINGLE PHASE MOTORS	
MOUNTING:	Round Body/C-Flange		
CASING MATERIAL:	Rolled Steel		