

NEMA

Model GPS0004C-C-01
MFG PN: SLF56H1Z4L

Model **GPS0004C-C-01**

Product Data Package



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

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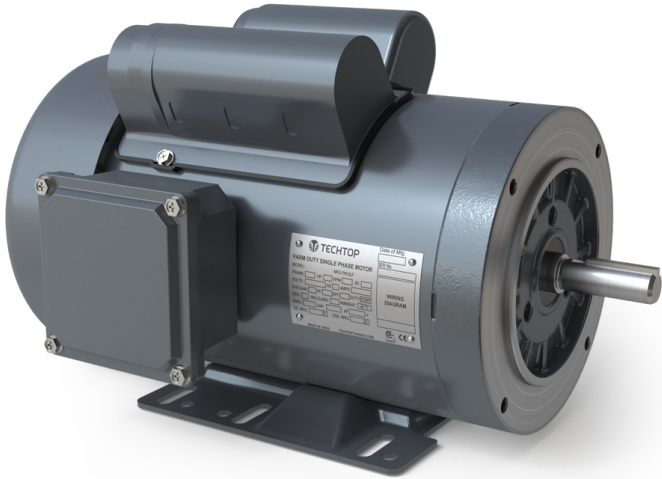
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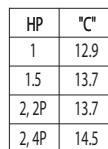
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ELECTRICAL DATA		
Rated Motor Output Power	1	HP
	-	kW
Rated Motor Speed	1750	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	9.3/4.95-4.65	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	1	Ø
Locked Rotor 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	Rigid/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	NO	YES
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

HAZARDOUS LOCATIONS	-
Class / Division	-
Groups	-

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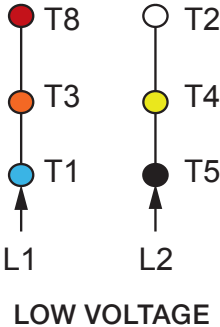
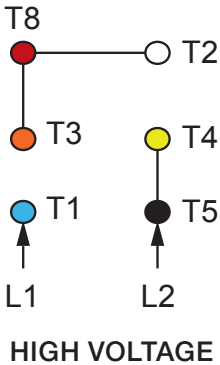
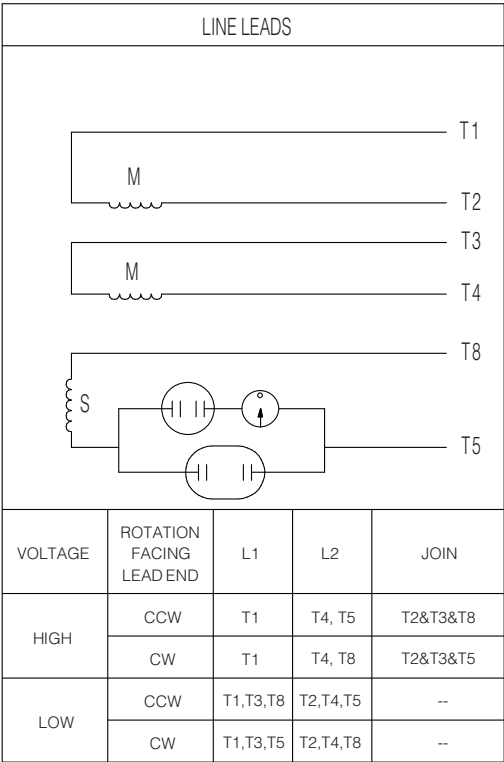
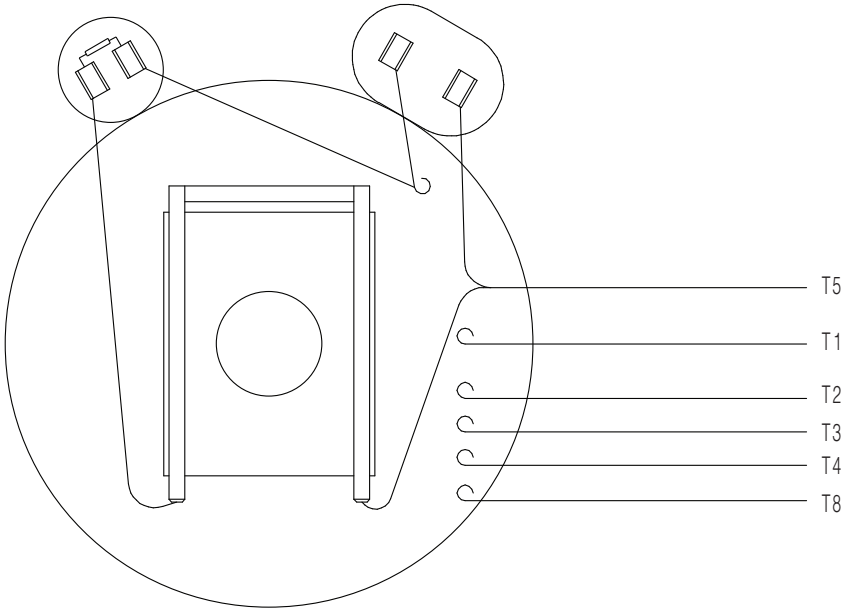
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PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz			TYPICAL PERFORMANCE - NOT GUARANTEED VALUES	
TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	3	346	Start Configuration	DOL
Pull-Up Torque	7.2	240	Starting Current (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	-	-

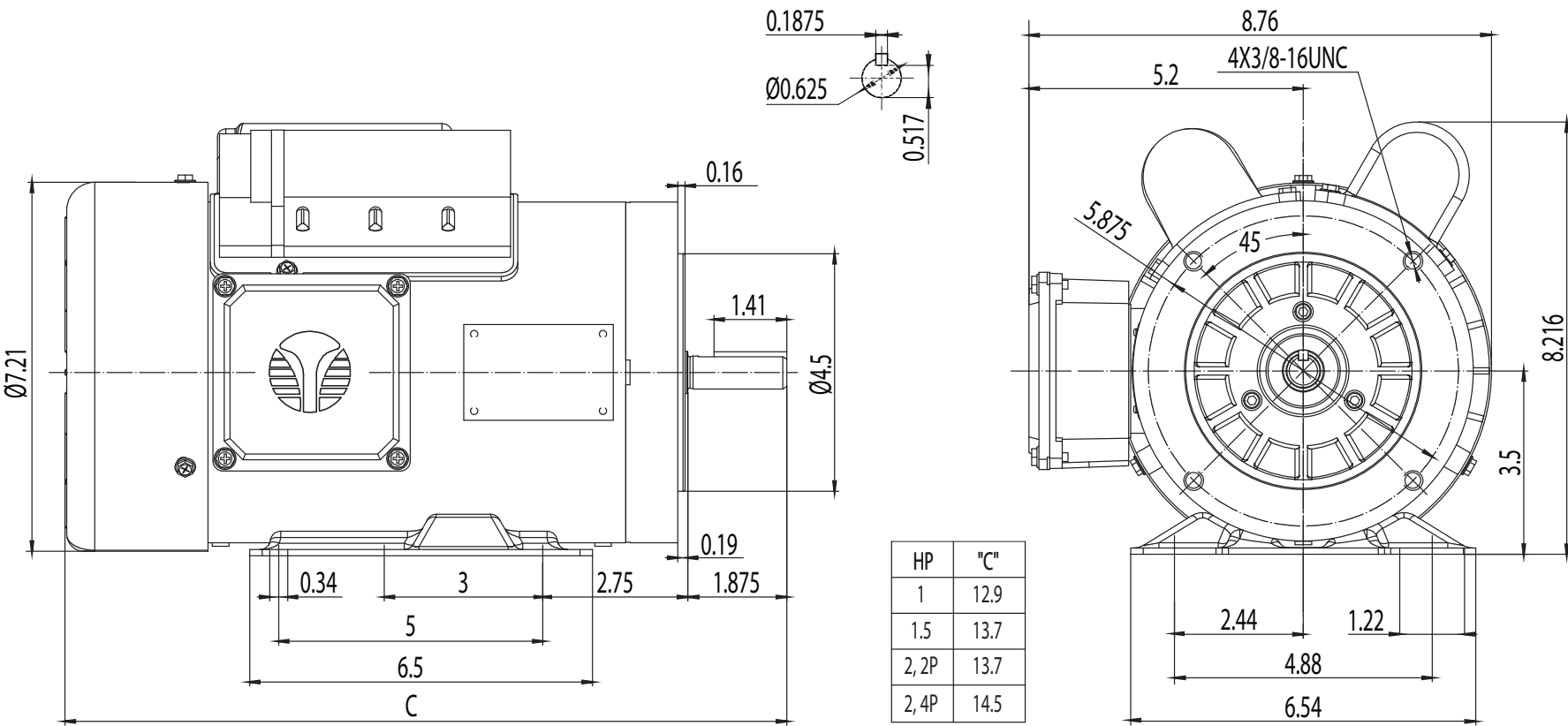
Questions? Call 1.888.286.1820



NEMA 10 General Purpose Dual Voltage

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

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



TEFC 56HC

DRAWING NUMBER:

BL1-RS-TF-56HC-01

DIMENSIONS:

Inches

MOUNTING:

Rigid/C-Flange

CASING MATERIAL:

Rolled Steel

ISSUED DATE

01/08/25

GENERAL PURPOSE SINGLE PHASE MOTORS