

NEMA

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

Model **GPS.754C-01**

Product Data Package



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

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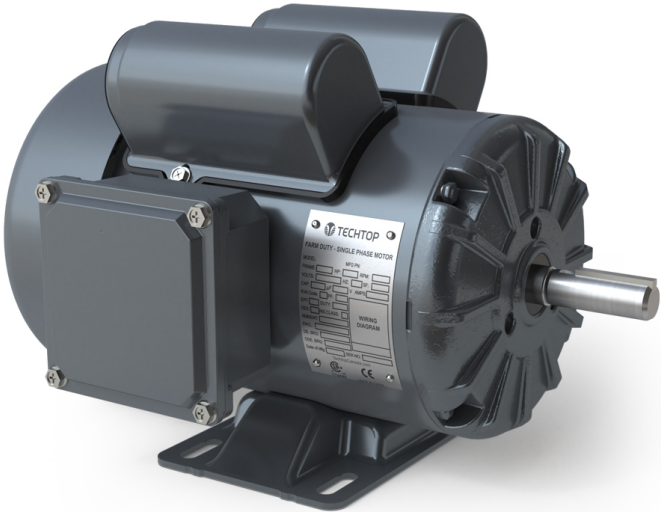
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Index

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



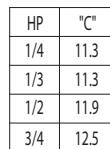
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ELECTRICAL DATA		
Rated Motor Output Power	0.75	HP
	-	kW
Rated Motor Speed	1725	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	7.4/4.1-3.7	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	1	Ø
Locked Rotor 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	56	
Enclosure	TEFC	
Mounting	Rigid	
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	NO	NO
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**

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NAMEPLATE LAYOUT



TECHTOP

GEN. PURPOSE SINGLE PHASE MOTOR

MODEL: _____

FRAME: **HP:**

VOLTS: **HZ:** **SP:**

CAP: μ F **V AMPS:**

KVA Code: **PF:**

EFF: **DUTY:**

DES: **INS.CLASS:**

AMBIENT:

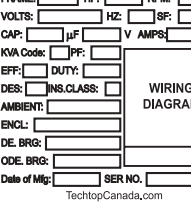
ENCL:

D.E. BRG:

O.D.E. BRG:

Date of Mfg: **SER NO.**

WIRING DIAGRAM





TECHTOP

MADE IN CHINA

*For max speed please contact Techtop Canada

HAZARDOUS LOCATIONS	-
Class / Division	-
Groups	-

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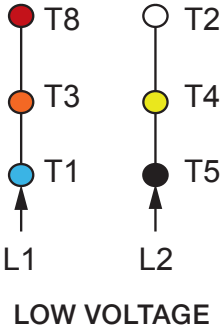
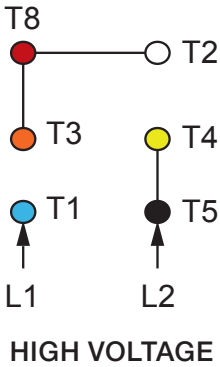
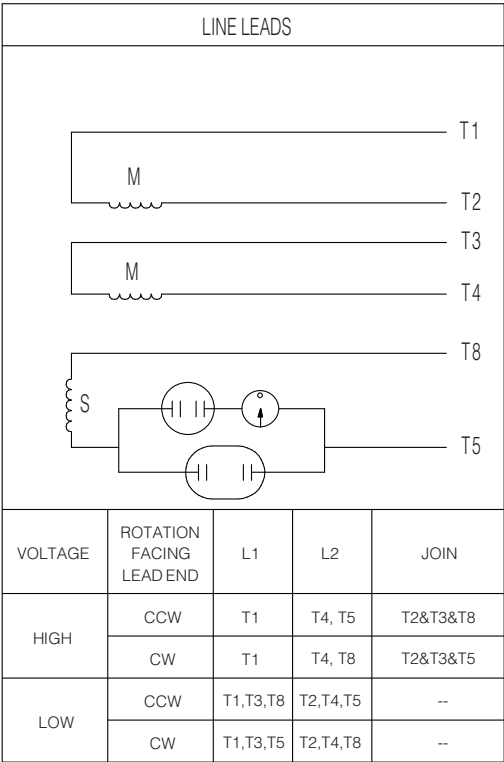
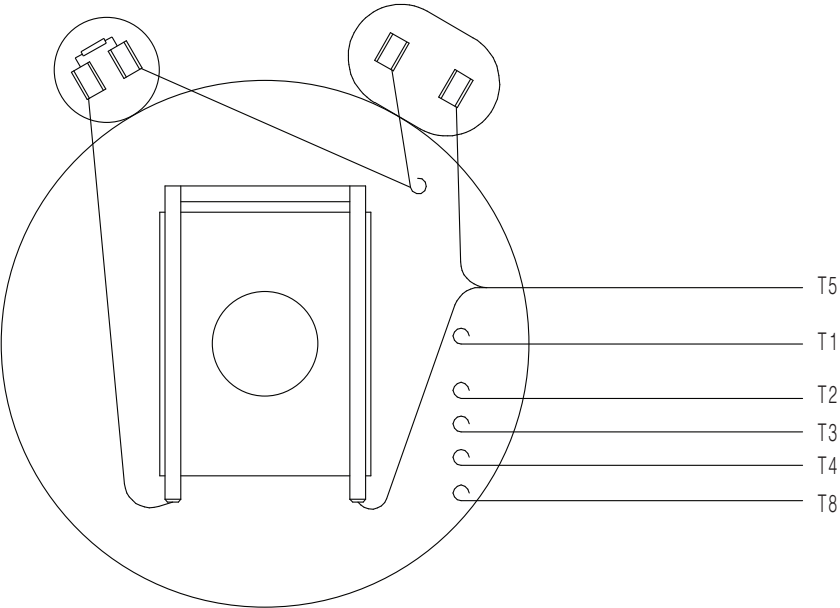


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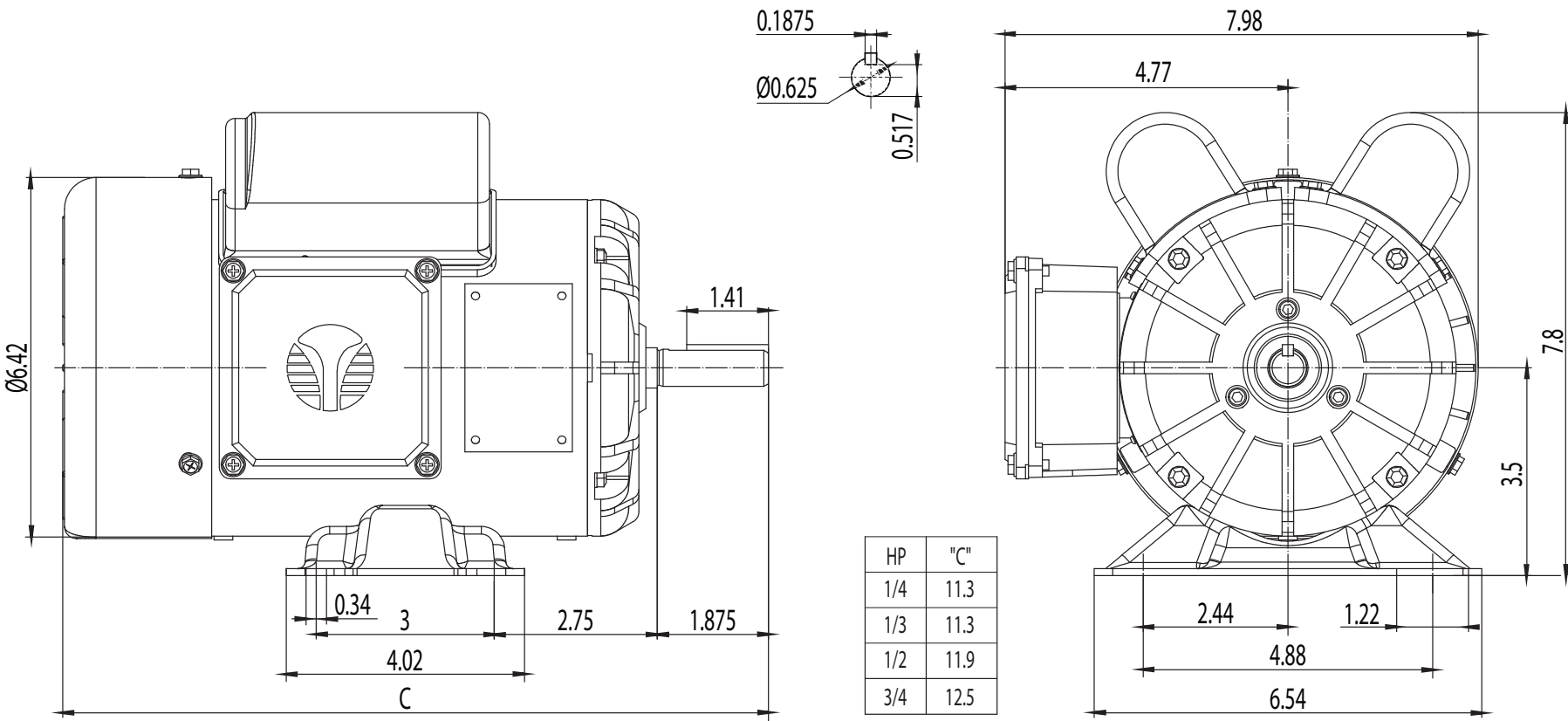
PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz			TYPICAL PERFORMANCE - NOT GUARANTEED VALUES	
TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	2.3	313	Start Configuration	DOL
Pull-Up Torque	5.3	230	Starting Current (A)	22.59
Breakdown Torque	6.2	273	No-Load Current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



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 56

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