

NEMA

Model GPS.752C-C-RND-01
MFG PN: SLF563/4Z2L

Model **GPS.752C-C-RND-01**

Product Data Package



MODEL	HP	RPM	VOLTAGE	PHASE	Hz	FRAME	MOUNT	ENCLOSURE
GPS.752C-C-RND-01	0.75	3450	115/208-230	1	60	56	Round Body/C-Flange	TEFC

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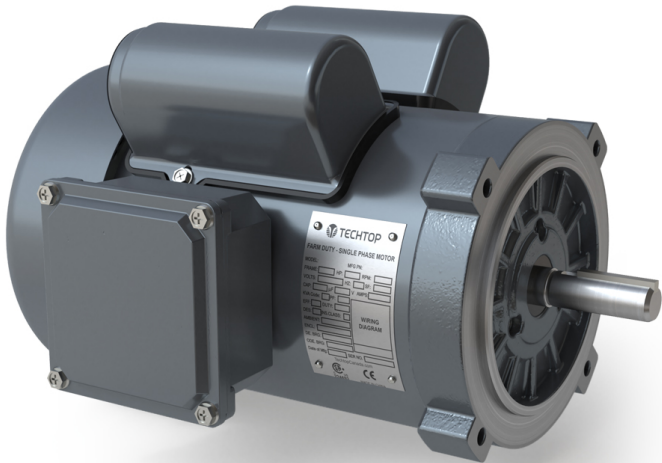
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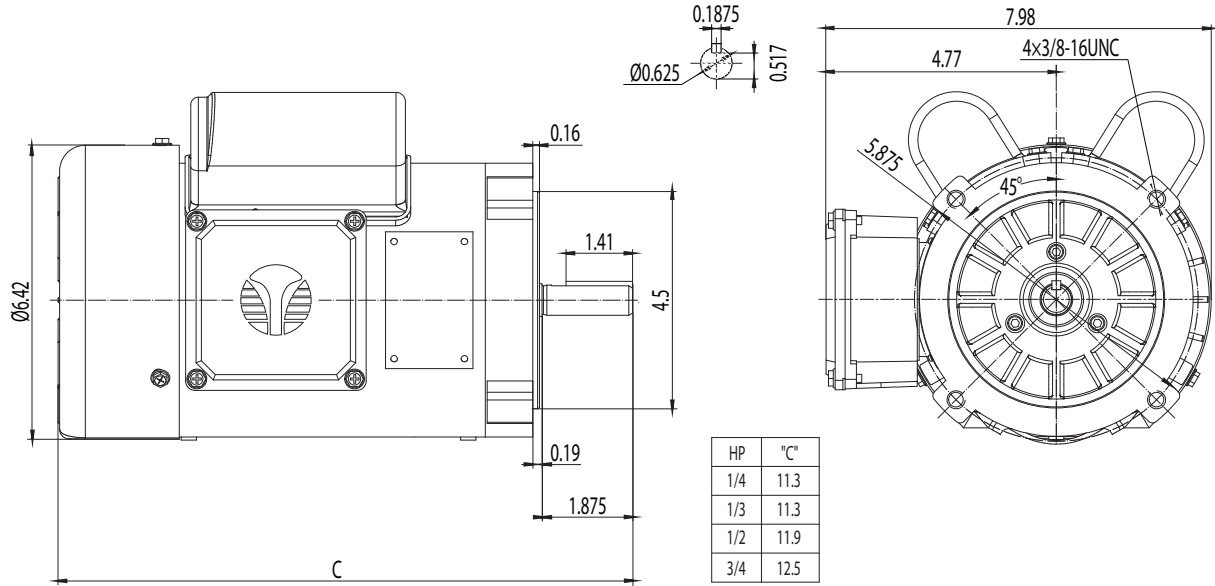
ELECTRICAL DATA		
Rated Motor Output Power	0.75	HP
	-	kW
Rated Motor Speed	3450	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	7.2/4.0-3.6	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	1	Ø
Locked Rotor Current @ High Voltage	28.41	A (I _n) @ 60Hz
FI Current @ 208V	4	A (I _n) @ 60Hz
Service Factor	1.15	@ 60Hz
	-	@ 50Hz
KVA Code	K	60Hz
	-	50Hz
Nominal Efficiency	73	% @ 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	41.9	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	56	
Enclosure	TEFC	
Mounting	Round Body/C-Flange	
Approximate Weight (lbs.)	27 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	-	-

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NAMEPLATE DATA	60Hz	50Hz
Horse Power	0.75	-
RPM	3450	-
Voltage	115/208-230	-
Full Load Amps	7.2/4.0-3.6	-
Service Factor	1.15	-
KVA Code	K	-
Full Load Amps (208V)	4	-
Nominal Efficiency	73	-
Nominal Power Factor	0.9	-
Design	L	
Frame	56	
Enclosure Type	TEFC	
IP Rating	54	
Duty	Cont. / S1	
Insulation Class	F	
Ambient Rating	40	
Drive End Bearing	6203 2RS	
Opposite Drive End Bearing	6202 2RS	
Weight (lbs)	27	

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: _____

EFF: _____ DUTY: _____

DES: _____ INS. CLASS: _____

AMBIENT: _____

ENCL: _____

DE. BRG: _____

ODE. BRG: _____

Date of Mfg: _____ SER NO: _____

WIRING DIAGRAM

224693 CE MADE IN CHINA

CAPACITOR DATA

Start Capacitor
Run Capacitor

μ F

VOLTAGE

300
60

125
250

*For max speed please contact Techtop Canada

HAZARDOUS LOCATIONS

Class / Division
Groups

-
-
-

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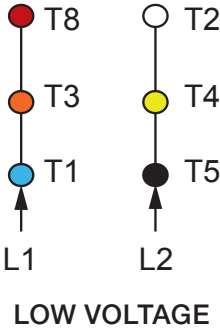
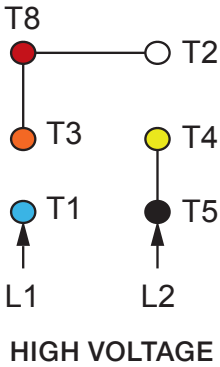
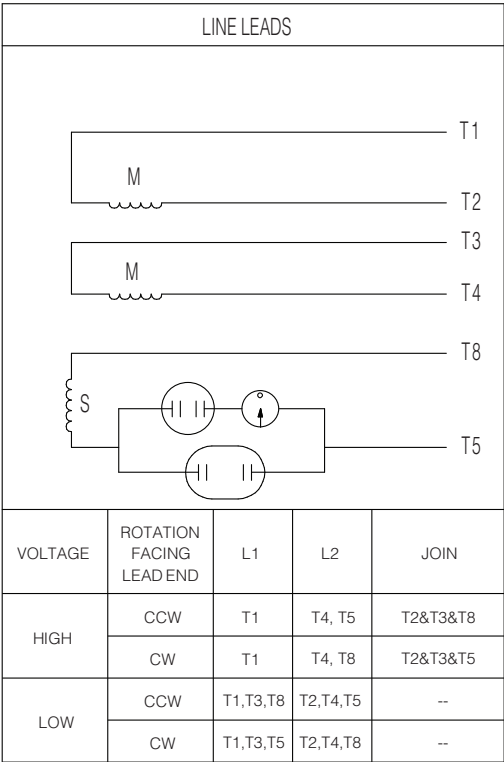
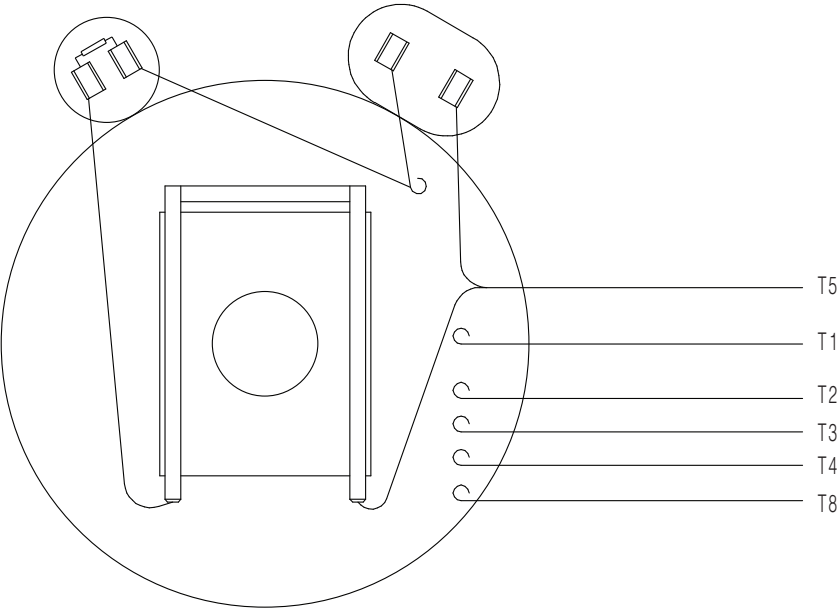
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PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz			TYPICAL PERFORMANCE - NOT GUARANTEED VALUES	
TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	1.1	366	Start Configuration	DOL
Pull-Up Torque	3.1	269	Starting Current (A)	28.41
Breakdown Torque	3.8	329	No-Load Current (A)	1
Full Load Torque	4.2	100	No-Load Power Factor	-

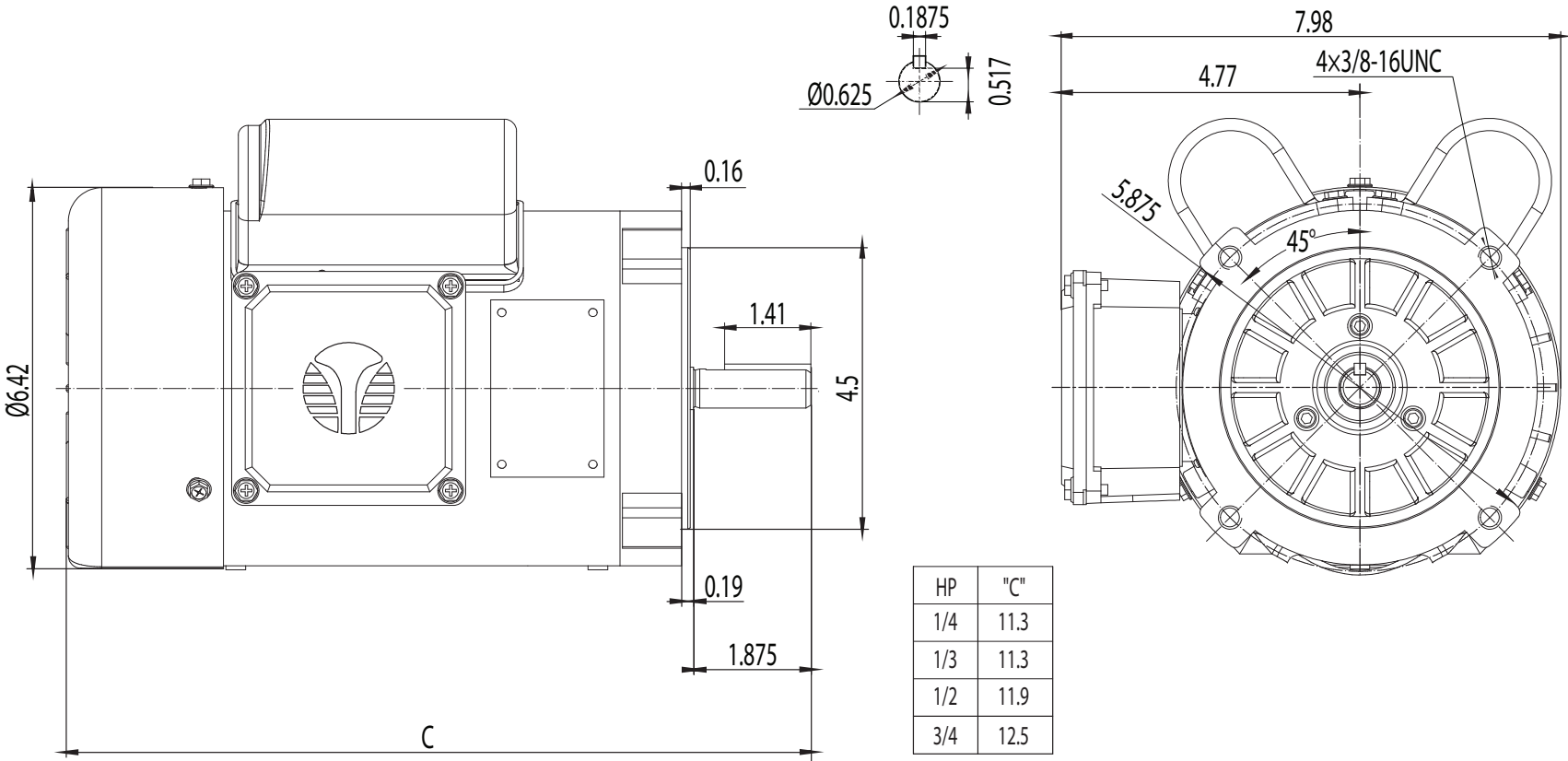
% OF RATED LOAD	25	50	75	100	125	S.F. 1.15
Line Amperes (A)	-	-	-	3.3	-	3.8
Efficiency (%)	-	-	-	73.2	-	74.4
Speed (r/min)	-	-	-	3526	-	3511
Power Factor (cosΦ)	-	-	-	1	-	1
Input Power (kW)	-	-	-	-	-	-

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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 56

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		