



Model Number

WX3-AL-TF-56C-4-B-D-2-230|460-60

MFG PN

T56 2U4B

List Price

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All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	2 HP
Rated Motor Speed	1725 r/min
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ
Rated Motor Current	-- Amps
Service Factor	1.15
KVA Code	J
Nominal Efficiency	83 %
Nominal Power Factor	0.75 cos θ
Full Load Torque Ft-Lb	-- Ft-Lb
Temp Rise @ Full Load °C	30.2
Efficiency Level	IE3 - NEMA Premium

Frame Size	56
Enclosure	TEFC
Approximate Weight	--
NEMA Design	B
IP Rating	56
Insulation Class	F
Tropicalization	YES
Duty	cont
Cable Entry	1.25
Feet Removable	YES
Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps
Locked Rotor	-	370	8.54
Breakdown	-	417	-
Pull Up	-	332	-
125% of FL	1728	-	3.33
75% of FL	1760	-	2.36
50% of FL	1774	-	2
No Load	--	-	1.68

Rated Ambient (°C)	40
Rated Altitude (M)	1000
Coating	7024 - Graphite Grey
Shaft Grounding	NO
Brake Voltage (DC)	--
Brake Torque (N-M)	--

Mechanical Data

Bearing DE Side	6204ZZ
Bearing NDE Side	6204ZZ
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)

Class 1, Div2, Grp A,B,C,D

Loaded Torque Curves

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CT VFD Range

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P_1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), $\cos\phi$ = Power Factor

Certifications

UL

CSA

DOE

File Numbers

323353

224693

096A

Wiring Diagram

3PH 9 Lead Dual Voltage

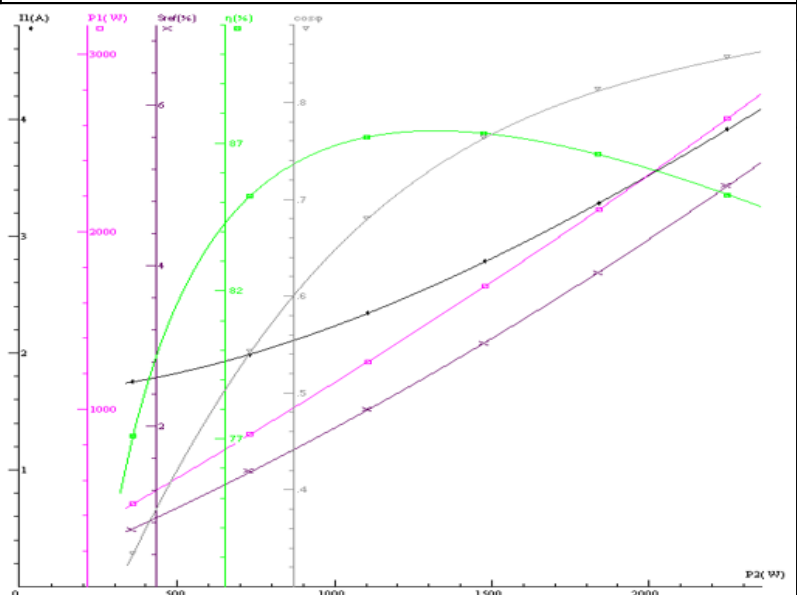
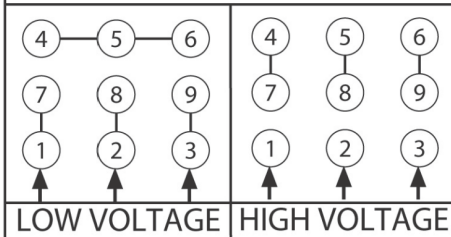
3 Phase - YY/Y - 9 Lead

4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

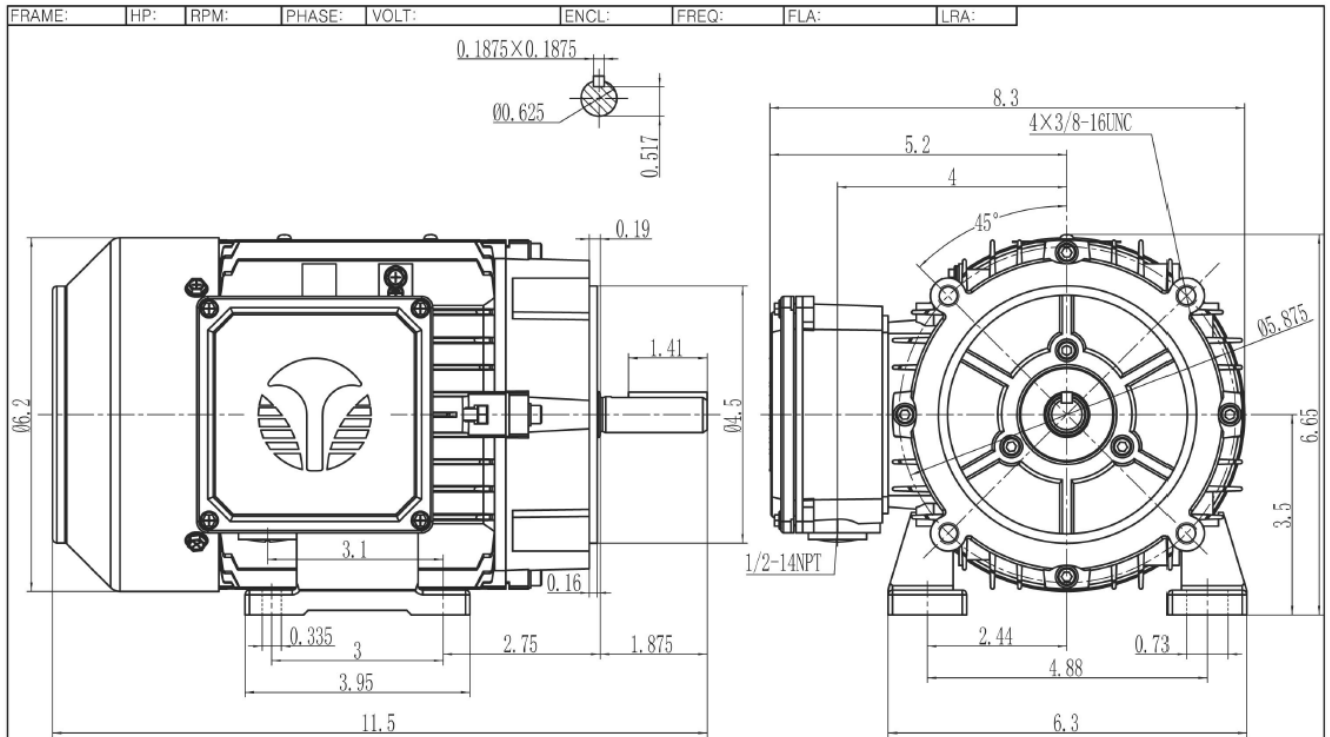
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom

CONNECTIONS



Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



MODEL: NEMA56C

SCALE: 1:1.5

DATE:

UNITS:

REV.DISC:

VERSION:

REVISED:

BY:

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