



Model Number	WX3-AL-TF-182T-6-B-D-1.5-230 460-60
MFG PN	T182T1.5U6B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	1.5 HP	Frame Size	182
Rated Motor Speed	1175 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	4.64/2.32 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	L	Insulation Class	F
Nominal Efficiency	87.5 %	Tropicalization	YES
Nominal Power Factor	0.66 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	6.55438736 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	20.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	270	17	Rated Altitude (M)	1000
Breakdown	-	365	-	Coating	7024 - Graphite Grey
Pull Up	-	193	-	Shaft Grounding	NO
125% of FL	1171.2	-	2.6838	Brake Voltage (DC)	--
75% of FL	1175.3	-	2.0157	Brake Torque (N-M)	--
50% of FL	1189.2	-	1.7778	Mechanical Data	
No Load	--	-	1.57	Bearing DE Side	6306ZZ

Hazardous Location	Class 1, Div2, Grp A,B,C,D		Bearing NDE Side	6306ZZ
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 9 Lead Dual Voltage
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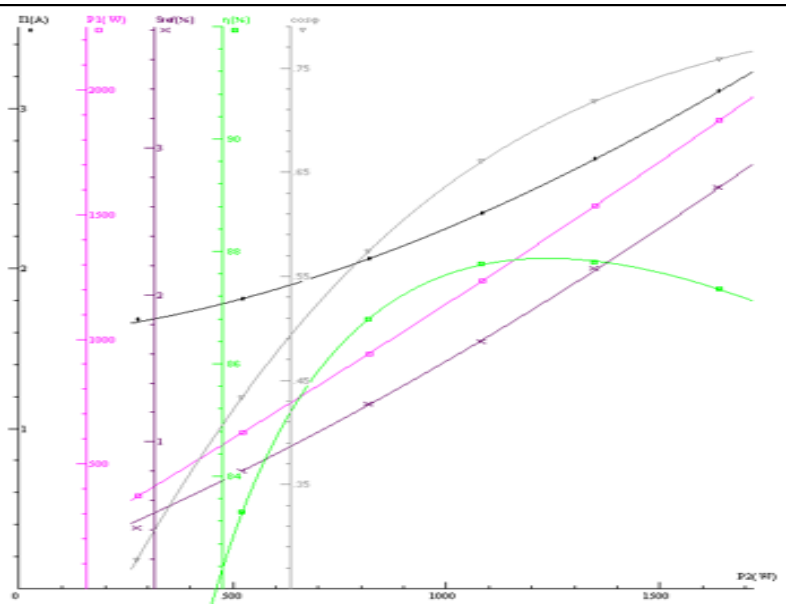
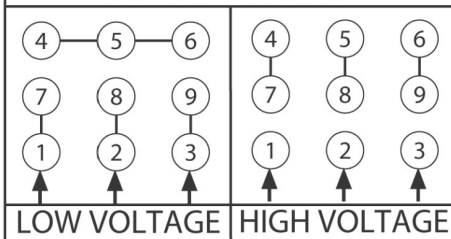
3 Phase - YY/Y - 9 Lead

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



FRAME: 180T	HP:	RPM:	PHASE: 3	VOLT: 208-230/460V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:
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