



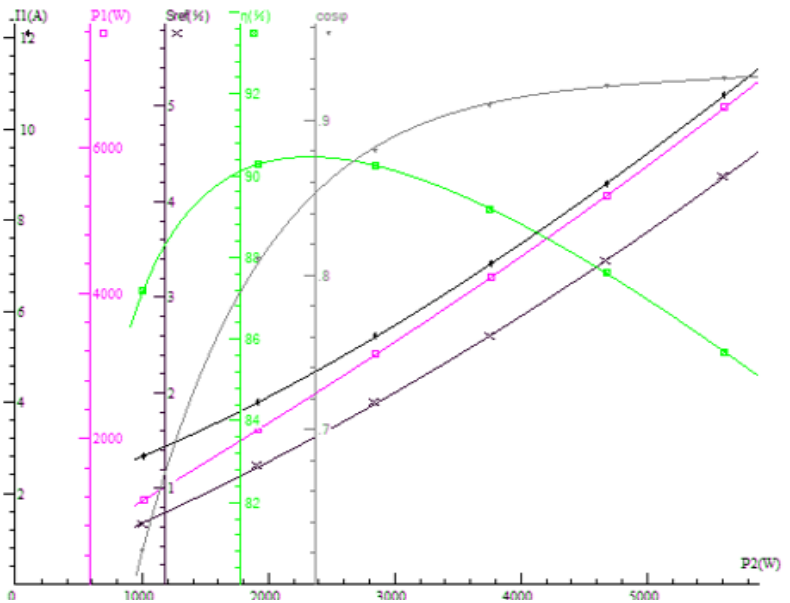
Model Number XR3-AL-TF-184JP-2-B-D-5-190|380-50

MFG PN T 184T5U2B

List Price --

All data shown at HIGH voltage setting

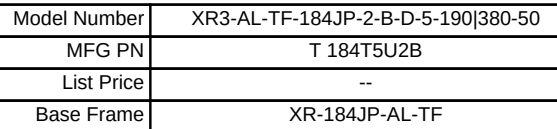
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		5 HP		Frame Size	184
Rated Motor Speed		2920 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	75.7
Rated Motor Current		14.0/7.01 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		K		Insulation Class	H
Nominal Efficiency		89.1 %		Tropicalization	YES
Nominal Power Factor		0.9 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		3.61424 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		41		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	249	63	Rated Altitude (M)	1000
Breakdown	-	351	-	Coating	7024 - Graphite Grey
Pull Up	-	199	-	Shaft Grounding	YES
125% of FL	2998.7	-	10.6	Brake Voltage (DC)	--
75% of FL	2999.4	-	5.31	Brake Torque (N-M)	--
50% of FL	2999.6	-	3.9	Mechanical Data	
No Load	--	-	2.21	Bearing DE Side	6306ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6206ZZ
				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				
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 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9 1 2 3 LOW VOLTAGE HIGH VOLTAGE					

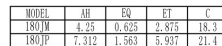
LOW VOLTAGE

HIGH VOLTAGE

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



FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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	MODEL: NEMA180JM-JP	SCALE: 1:2.5	DATE:	UNITS:	
	REV.DISC:	VERSION:	REVISED:	BY:	WWW.TECHTOP.COM

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