



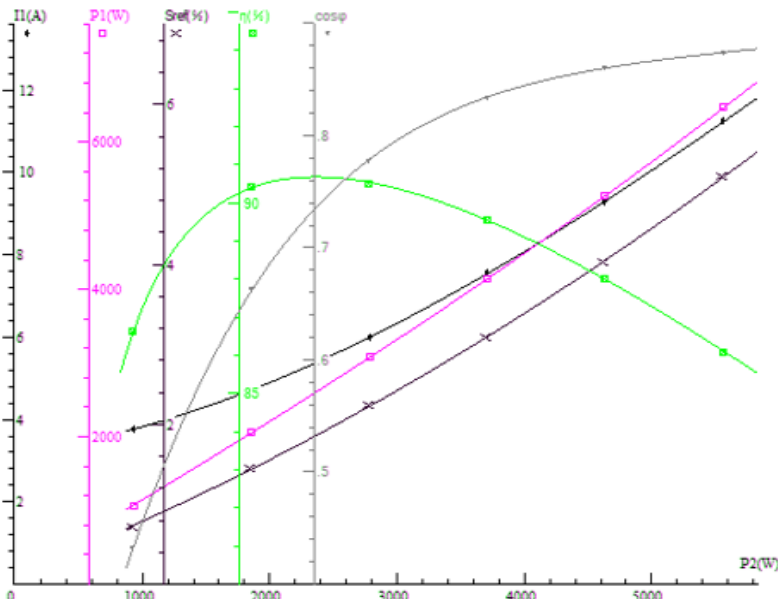
Model Number XR3-AL-TF-184JP-4-B-D-5-190|380-50

MFG PN T 184T5U4B

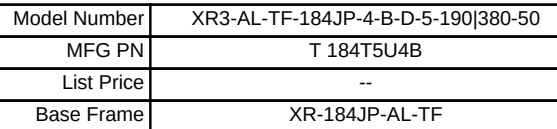
List Price --

All data shown at HIGH voltage setting

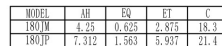
Format STD 3 Phase

Electrical Data				General Data					
Rated Motor Output Power		5 HP		Frame Size	184				
Rated Motor Speed		1455 r/min		Enclosure	TEFC				
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	80.1				
Rated Motor Current		15.7/7.85 Amps		NEMA Design	BE				
Service Factor		1.15		IP Rating	55				
KVA Code		J		Insulation Class	H				
Nominal Efficiency		88.4 %		Tropicalization	YES				
Nominal Power Factor		0.81 cosθ		Duty	Cont.				
Full Load Torque Ft-Lb		17.99744 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	-	323	61	Rated Altitude (M)	1000				
Breakdown	-	346	-	Coating	7024 - Graphite Grey				
Pull Up	-	262	-	Shaft Grounding	YES				
125% of FL	1499.2	-	11.2	Brake Voltage (DC)					
75% of FL	1499.7	-	5.98	Brake Torque (N-M)					
50% of FL	1499.8	-	4.7	Mechanical Data					
No Load		-	3.42	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 <table><tr><td> 4 7 1 5 8 2 6 9 3 </td><td> 4 7 1 5 8 2 6 9 3 </td></tr><tr><td colspan="3">LOW VOLTAGE</td><td>HIGH VOLTAGE</td></tr></table>						4 7 1 5 8 2 6 9 3	4 7 1 5 8 2 6 9 3	LOW VOLTAGE	
4 7 1 5 8 2 6 9 3	4 7 1 5 8 2 6 9 3								
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: NEMA180DM-JP	SCALE: 1:2.5	DATE:	UNITS:	
	REV.DESC:	VERSION:	REVISED:	BY:	WWW.TECHTOP.COM

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