



Model Number XR3-AL-TF-143JP-2-B-D-1.5-190|380-50

MFG PN T 143T1.5U2B

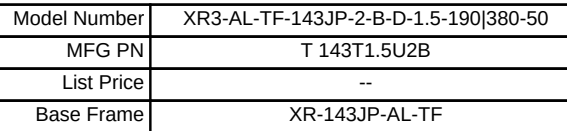
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1.5 HP		Frame Size	143
Rated Motor Speed		3350 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	29.5
Rated Motor Current		4.51/2.25 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		H		Insulation Class	H
Nominal Efficiency		85.2 %		Tropicalization	YES
Nominal Power Factor		0.87 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		2.65536 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		35		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	207	15	Rated Altitude (M)	1000
Breakdown	-	269	-	Coating	7024 - Graphite Grey
Pull Up	-	188	-	Shaft Grounding	YES
125% of FL	2998.4	-	2.96	Brake Voltage (DC)	--
75% of FL	2999.2	-	1.95	Brake Torque (N-M)	--
50% of FL	2999.5	-	1.61	Mechanical Data	
No Load	--	-	1.34	Bearing DE Side	6205ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6205ZZ
				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 7 1 5 8 2 6 9 3 LOW VOLTAGE 4 7 1 5 8 2 6 9 3 HIGH VOLTAGE					

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



MODEL	AH	EQ	ET	C
140JM	4.25	0.625	2.875	16.2
140JP	7.312	1.563	5.937	19.3

MODEL:	NEMA140JW-JP	SCALE:	1:2	DATE:		UNITS:	
REV.DESC:		VERSION:		REVISED:		BY:	WWW.TECHTOP.COM