



Model Number GR3-RS-OP-145TC-2-B-D-3-230|460-60

MFG PN TXD145T3U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data																													
Rated Motor Output Power	3 HP			Frame Size	145																												
Rated Motor Speed	3500 r/min			Enclosure	ODP																												
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	--																												
Rated Motor Current	7.56/3.78 Amps			NEMA Design	B																												
Service Factor	1.25			IP Rating	56																												
KVA Code	K			Insulation Class	H																												
Nominal Efficiency	86.5 %			Tropicalization	YES																												
Nominal Power Factor	0.86 cosθ			Duty	Cont. / S1																												
Full Load Torque Ft-Lb	4.52 Ft-Lb			Cable Entry	1-NPT 3/4"																												
Temp Rise @ Full Load °C	55			Feet Removable	YES																												
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO																												
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																												
Locked Rotor	-	227	41.13	Rated Altitude (M)	1000																												
Breakdown	-	271	-	Coating	7024 - Graphite Grey																												
Pull Up	-	215	-	Shaft Grounding	NO																												
125% of FL	3419	-	5.8	Brake Voltage (DC)	--																												
75% of FL	3505	-	3.5	Brake Torque (N-M)	--																												
50% of FL	3540	-	2.6	Mechanical Data																													
No Load	--	-	1.5	Bearing DE Side	6306ZZ																												
Hazardous Location	--			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																																
<p>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</p> <table border="1"> <thead> <tr> <th colspan="6">CONNECTIONS</th> </tr> </thead> <tbody> <tr> <td>4</td><td>5</td><td>6</td> <td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td> <td>7</td><td>8</td><td>9</td> </tr> <tr> <td>1</td><td>2</td><td>3</td> <td>1</td><td>2</td><td>3</td> </tr> <tr> <td colspan="3">LOW VOLTAGE</td> <td colspan="3">HIGH VOLTAGE</td> </tr> </tbody> </table>						CONNECTIONS						4	5	6	4	5	6	7	8	9	7	8	9	1	2	3	1	2	3	LOW VOLTAGE			HIGH VOLTAGE
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