



<b>Model Number</b>	<b>GR3-AL-TF-90SB34-4-B-D-1.5-230 460-60</b>
<b>MFG PN</b>	<b>T 90S-4</b>
<b>List Price</b>	--

All data shown at HIGH voltage setting

Format | STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	1.5 HP	Frame Size	90
Rated Motor Speed	1740 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	4.36/2.48 Amps	NEMA Design	B
Service Factor	1.15	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	86.5 %	Tropicalization	YES
Nominal Power Factor	0.74 cos $\theta$	Duty	Cont.
Full Load Torque Ft-Lb	3.26432256 Ft-Lb	Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	36.8	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Mechanical Data	
Locked Rotor	-	311	20.63	Bearing DE Side	6205ZZ
Breakdown	-	390	-	Bearing NDE Side	6205ZZ
Pull Up	-	309	-	Moment of Inertia	-- kg.m2
125% of FL	1738	-	2.87	Noise Level	Per NEMA dB (A)
75% of FL	1762	-	2.21		
50% of FL	1775	-	1.91		
No Load	1796	-	1.65		

Hazardous Location	<b>Class 1, Div 2, Grp A,B,C,D</b>		
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CT VFD Range	--	<b>Loaded Torque Curves</b>	--
<b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), <math>\eta</math> = Efficiency (%), cos<math>\phi</math> = Power Factor</b>			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead IEC Dual Voltage		



