





NEMA Premium

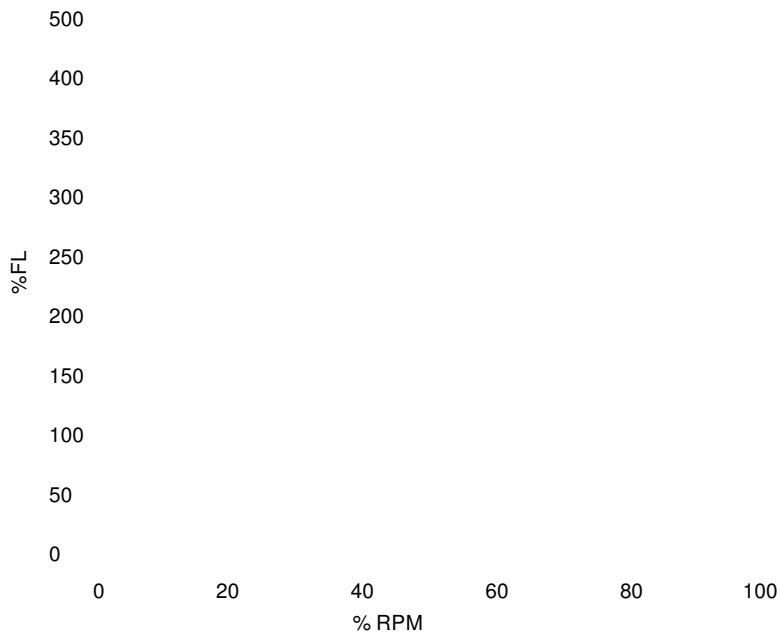
**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-449T-4-BR-E-300
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 300.0HP, 1793 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	4739.04	540.0	Start Configuration
Pull-Up Torque	-	-	Starting Current (A)
Breakdown Torque	4633.73	528.0	No-Load Current (A)
Full Load	877.6	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	178.0	-	-	-	-
25	75.0	197.15	61.324	1798.2	91.237	0.39
50	150.0	239.24	118.11	1796.6	94.742	0.6196
75	225.0	296.0	175.48	1794.9	95.652	0.7441
100	300.0	362.68	233.47	1793.1	95.858	0.80796
125	300.0	405.47	268.57	1792.0	95.83	0.8313

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