





NEMA Premium

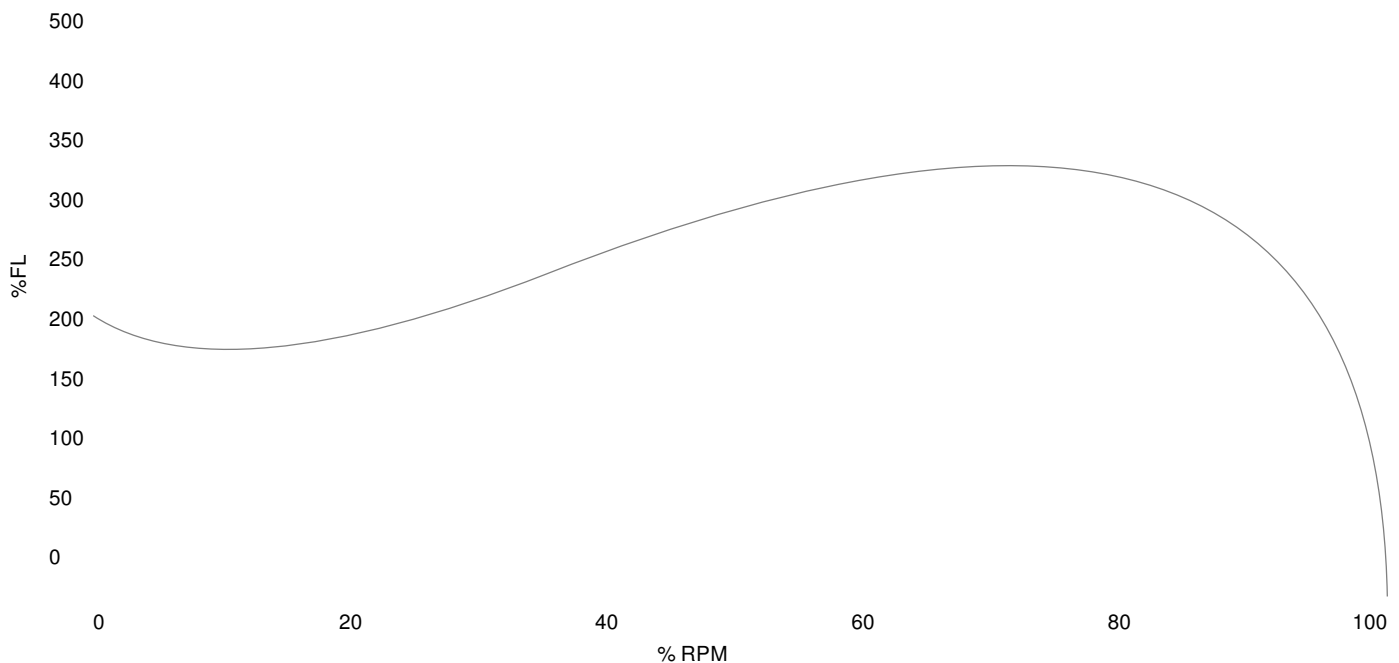
**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-444T-6-RR-F-100
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 100.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	974.23	217.0	Start Configuration
Pull-Up Torque	682.41	152.0	Starting Current (A)
Breakdown Torque	1117.9	249.0	No-Load Current (A)
Full Load	448.954	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	33.69	-	-	-	-
25	25.0	42.21	20.42	1197.9	91.83	0.61
50	50.0	63.12	39.53	1195.9	94.86	0.79
75	75.0	86.98	58.9	1193.8	95.51	0.85
100	100.0	113.33	78.55	1191.3	95.48	0.87
125	125.0	130.16	90.49	1189.8	95.31	0.87

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