



NEMA Premium

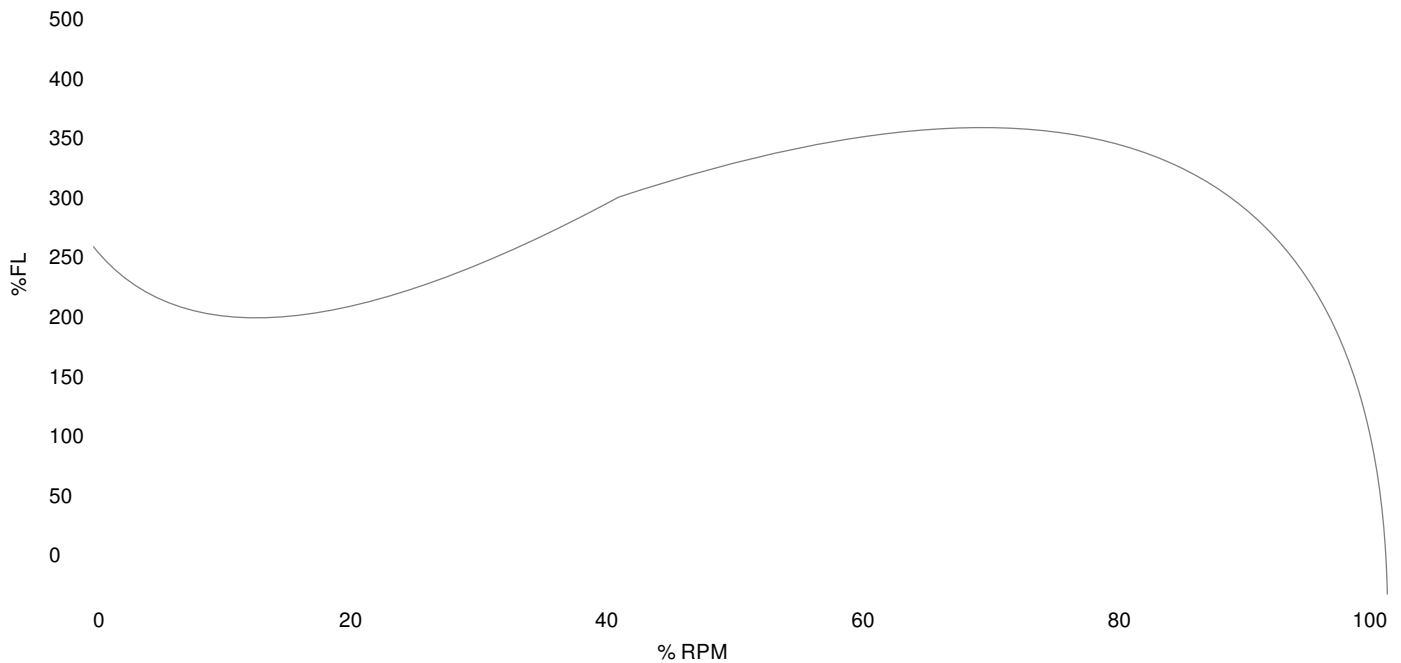
NEMA

MOTOR MODEL:	GR3-CI-TF-445TC-6-RR-E-125
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 125.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	1694.37	269.0	Start Configuration
Pull-Up Torque	894.427	142.0	Starting Current (A)
Breakdown Torque	1933.73	307.0	No-Load Current (A)
Full Load	629.878	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	62.1	-	-	-	-
25	31.25	73.09	30.01	1197.8	89.39	0.52
50	62.5	99.61	57.61	1195.7	93.12	0.73
75	93.75	132.1	85.77	1193.4	93.83	0.81
100	125.0	169.49	114.54	1191.0	93.68	0.85
125	156.25	210.69	143.98	1188.3	93.16	0.86

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