



NEMA Premium

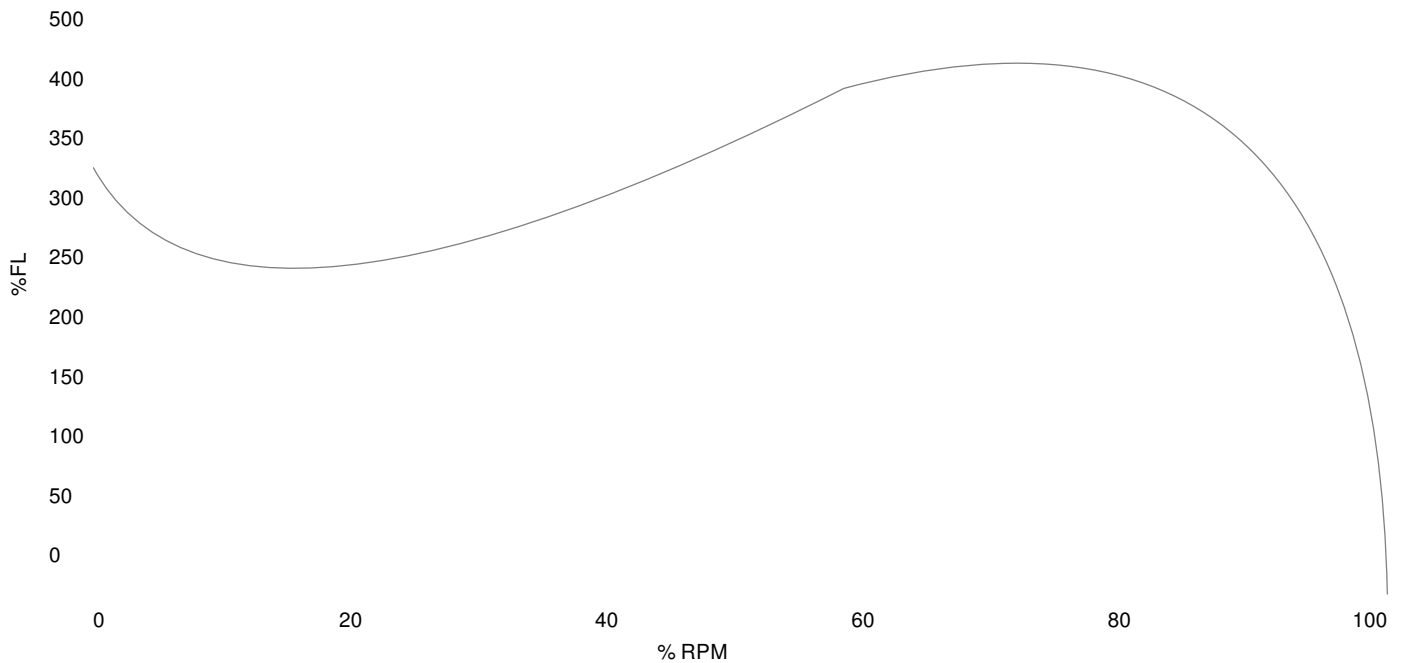
NEMA

MOTOR MODEL:	GR3-CI-TF-444TSC-2-BR-E-125
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 125.0HP, 3575 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	693.434	330.0	Start Configuration
Pull-Up Torque	310.995	148.0	Starting Current (A)
Breakdown Torque	821.614	391.0	No-Load Current (A)
Full Load	210.131	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	37.85	-	-	-	-
25	31.25	54.82	30.04	3594.5	89.21	0.89
50	62.5	84.97	57.36	3589.2	93.44	0.85
75	93.75	118.4	85.03	3583.6	94.56	0.9
100	125.0	154.45	113.07	3577.7	94.81	0.92
125	156.25	192.43	141.52	3571.6	94.69	0.92

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