



NEMA Premium

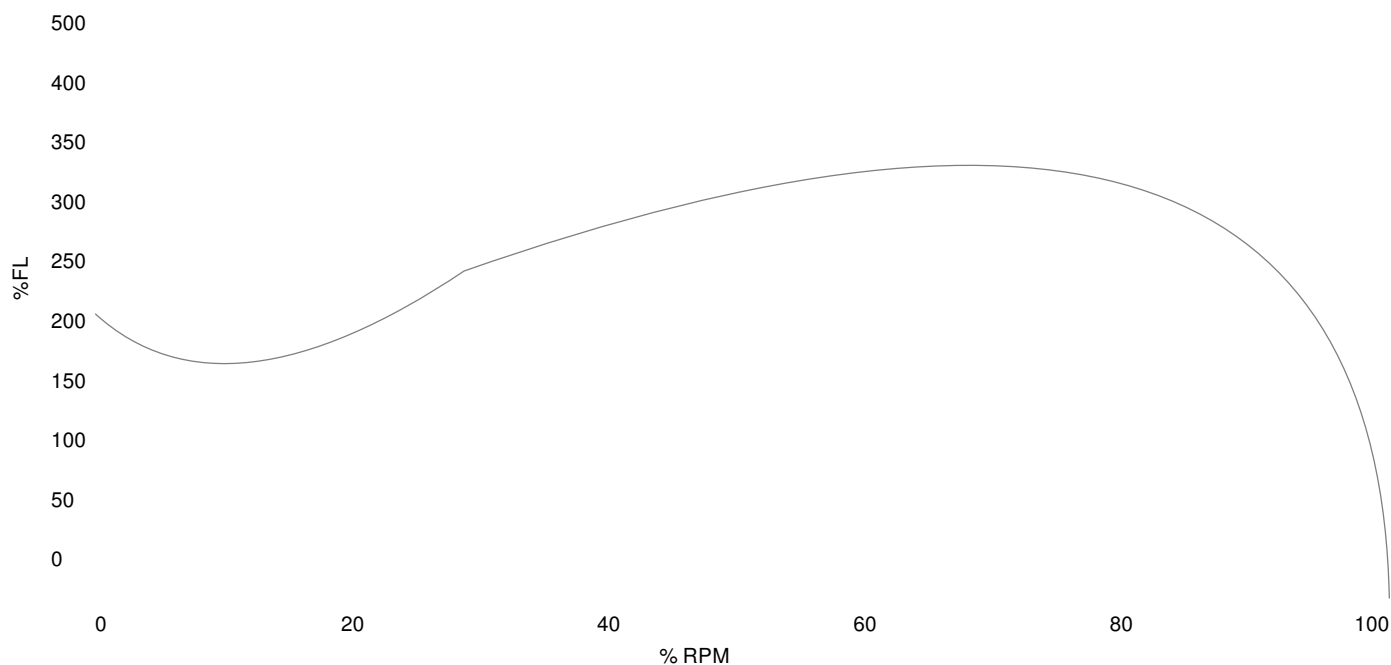
NEMA

MOTOR MODEL:	GR3-CI-TF-405TC-6-RR-D-75
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 75.0HP, 1185 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	715.421	220.0	Start Configuration
Pull-Up Torque	419.497	129.0	Starting Current (A)
Breakdown Torque	822.734	253.0	No-Load Current (A)
Full Load	325.191	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	28.81	-	-	-	-
25	18.75	33.99	15.12	1197.0	90.93	0.56
50	37.5	48.23	29.24	1194.2	94.05	0.76
75	56.25	65.25	43.62	1191.1	94.57	0.84
100	75.0	84.69	58.31	1187.6	94.33	0.86
125	93.75	106.15	73.34	1183.7	93.74	0.87

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