



NEMA Premium

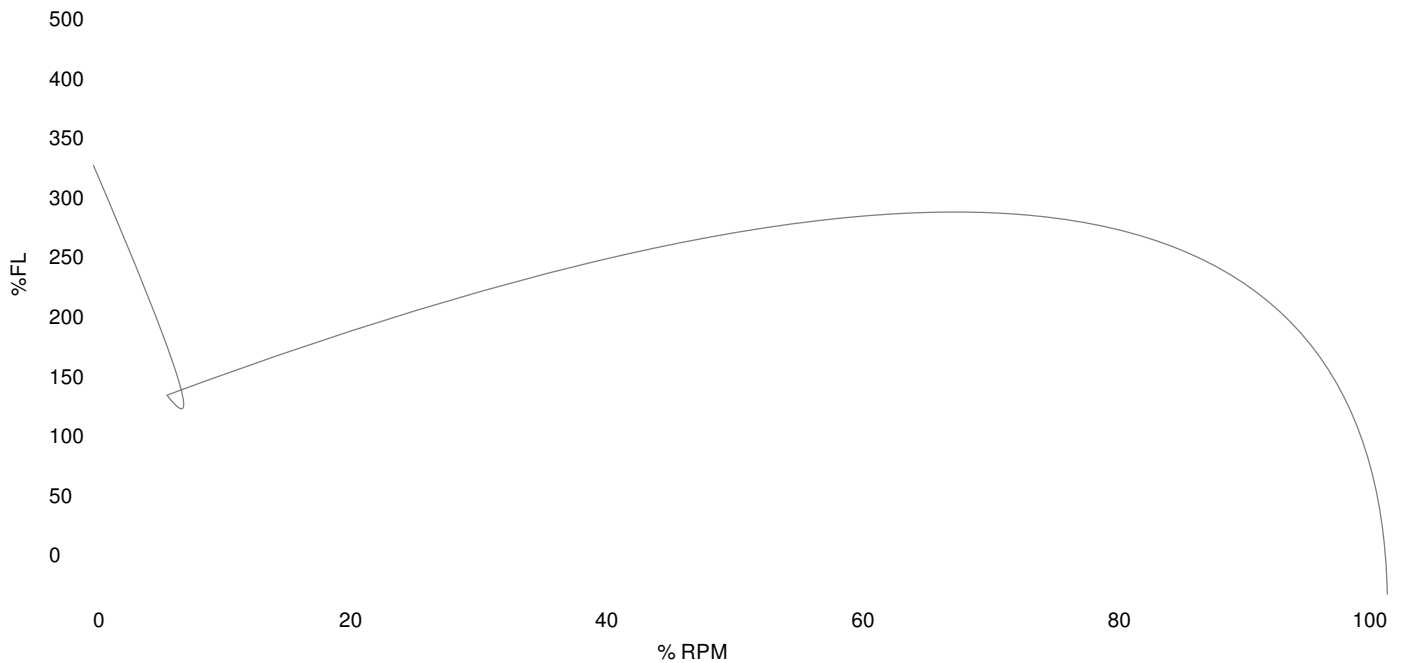
NEMA

MOTOR MODEL:	GR3-CI-TF-405TC-4-BR-D-100
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 100.0HP, 1780 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	976.789	332.0	Start Configuration
Pull-Up Torque	291.271	99.0	Starting Current (A)
Breakdown Torque	453.089	154.0	No-Load Current (A)
Full Load	294.214	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	41.22	-	-	-	-
25	25.0	48.74	20.43	1796.0	91.8	0.53
50	50.0	65.67	39.58	1791.9	94.75	0.76
75	75.0	87.99	59.03	1787.6	95.29	0.84
100	100.0	113.85	78.83	1783.1	95.15	0.87
125	125.0	141.43	98.97	1778.3	94.72	0.88

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