



NEMA Premium

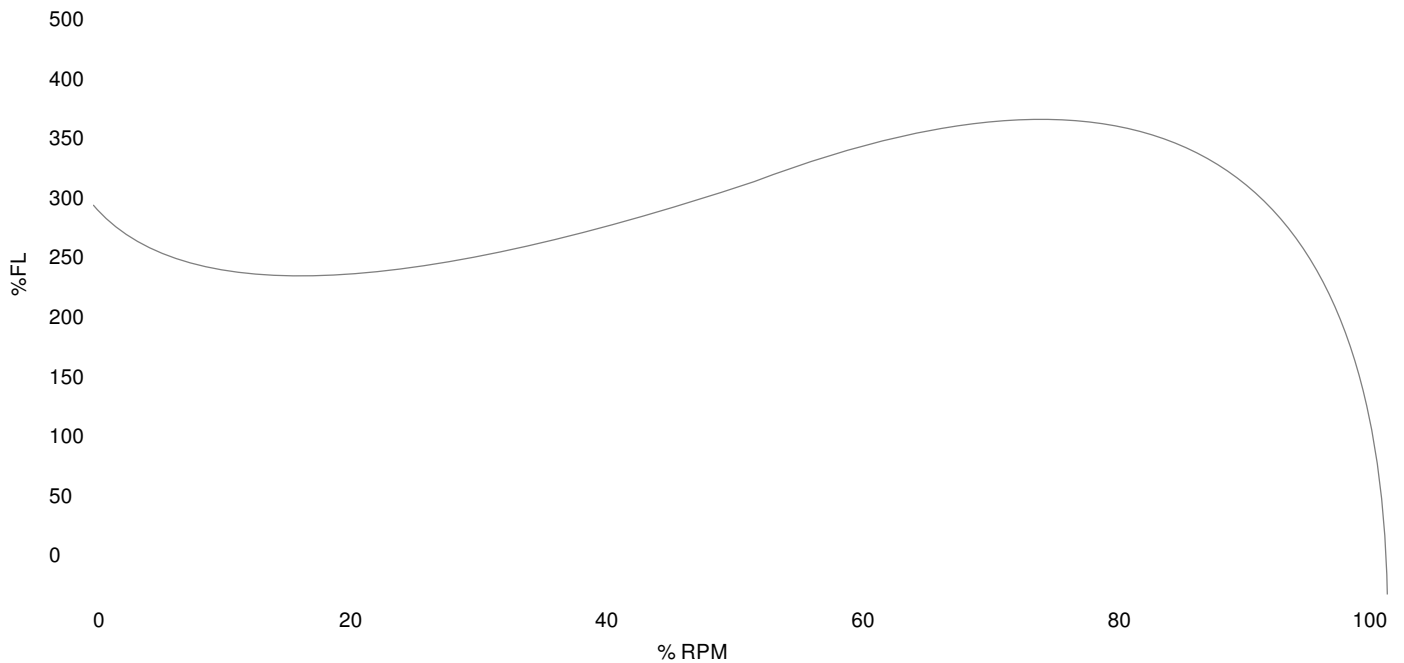
NEMA

MOTOR MODEL:	GR3-CI-TF-365TC-6-BR-D-50
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 50.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	668.461	301.0	Start Configuration
Pull-Up Torque	406.406	183.0	Starting Current (A)
Breakdown Torque	708.435	319.0	No-Load Current (A)
Full Load	222.08	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	22.36	-	-	-	-
25	12.5	25.93	10.41	1196.8	89.62	0.5
50	25.0	34.69	19.98	1193.9	93.37	0.72
75	37.5	45.51	29.72	1190.7	94.14	0.82
100	50.0	57.9	39.65	1187.3	94.07	0.86
125	62.5	71.36	49.8	1183.7	93.63	0.88

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