



NEMA Premium

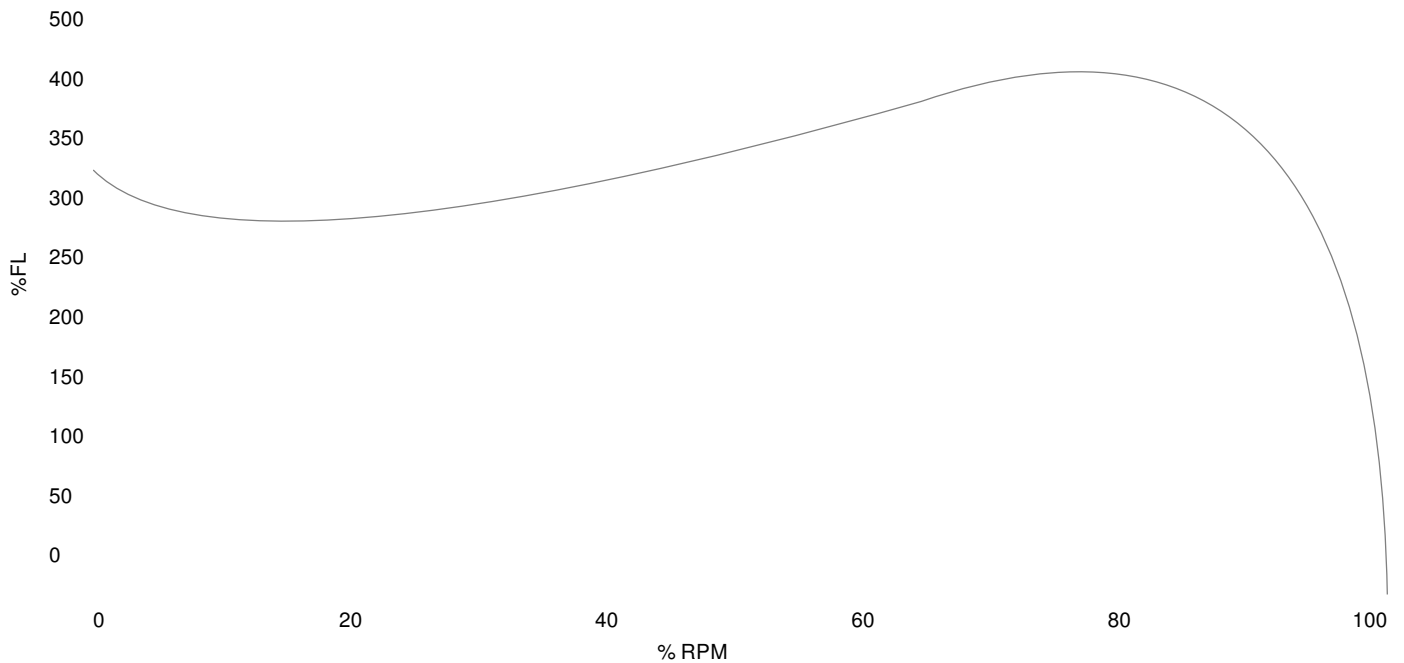
NEMA

MOTOR MODEL:	GR3-CI-TF-143TC-2-B-D-1.5
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 1.5HP, 3450 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	7.18504	328.0	Start Configuration	-
Pull-Up Torque	4.99448	228.0	Starting Current (A)	-
Breakdown Torque	8.34603	381.0	No-Load Current (A)	-
Full Load	2.19056	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	1.22	-	-	-	-
25	0.375	1.27	372.11	3576.3	73.9	0.37
50	0.75	1.43	661.32	3556.2	83.17	0.58
75	1.125	1.69	961.82	3533.7	85.78	0.72
100	1.5	2.01	1275.7	3508.7	86.23	0.8
125	1.875	2.39	1605.2	3481.3	85.66	0.84

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