





NEMA Premium

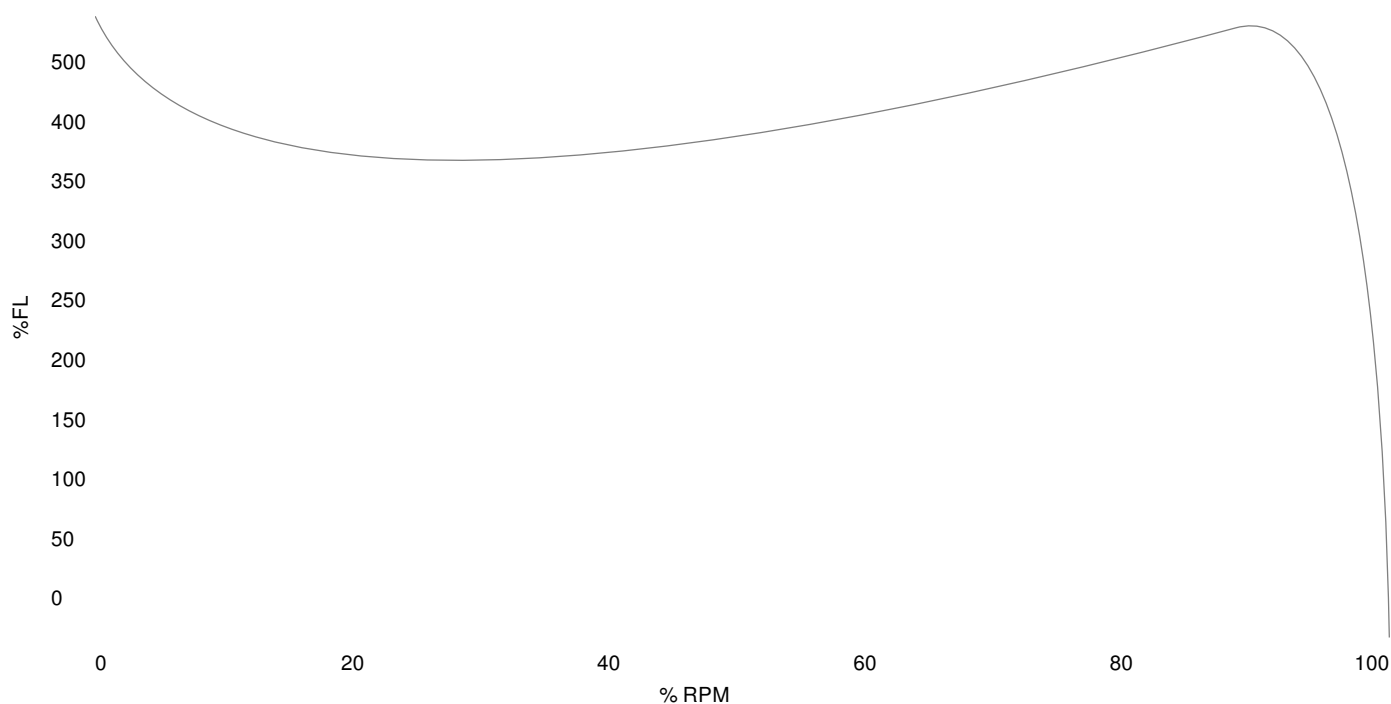
**NEMA**

<b>MOTOR MODEL:</b>	BR3-CI-TF-449TS-2-BR-E-250
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 250.0HP, 3575 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	2011.6	480.0	Start Configuration
Pull-Up Torque	109800.0	262.0	Starting Current (A)
Breakdown Torque	1973.88	471.0	No-Load Current (A)
Full Load	419.083	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	71.28	-	-	-	-
25	62.5	104.41	58.29	3594.5	91.99	0.7
50	125.0	164.8	113.0	3589.1	94.91	0.86
75	187.5	232.66	168.43	3583.5	95.51	0.91
100	250.0	305.08	224.66	3577.6	95.48	0.92
125	312.5	349.51	258.79	3574.0	95.32	0.93

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