



NEMA Premium

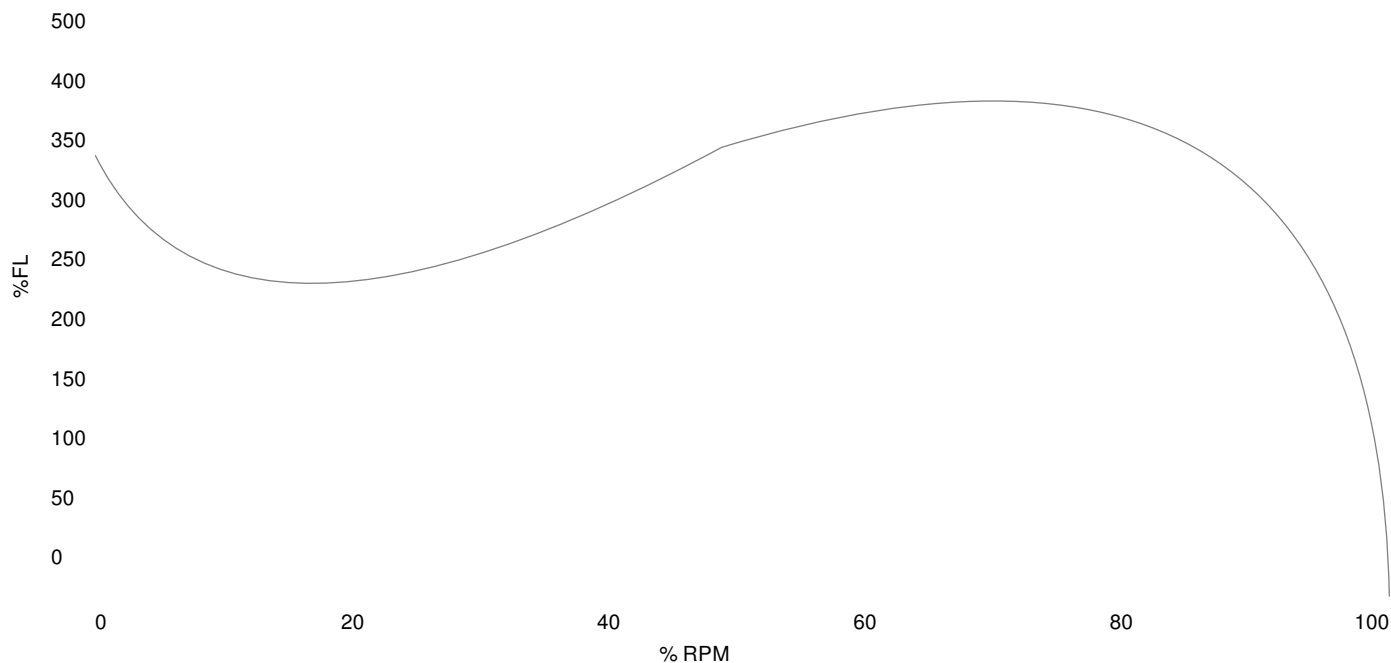
NEMA

MOTOR MODEL:	BR3-CI-TF-449TC-4-BR-E-250
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 250.0HP, 1780 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	2872.23	341.0	Start Configuration
Pull-Up Torque	1179.21	140.0	Starting Current (A)
Breakdown Torque	2922.77	347.0	No-Load Current (A)
Full Load	842.296	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	88.7	-	-	-	-
25	62.5	115.46	57.1	1796.8	93.91	0.62
50	125.0	172.17	111.86	1793.7	95.88	0.82
75	187.5	238.28	167.39	1790.5	96.11	0.88
100	250.0	310.89	223.78	1787.0	95.85	0.9
125	312.5	356.38	258.04	1784.9	95.6	0.91

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