





NEMA Premium

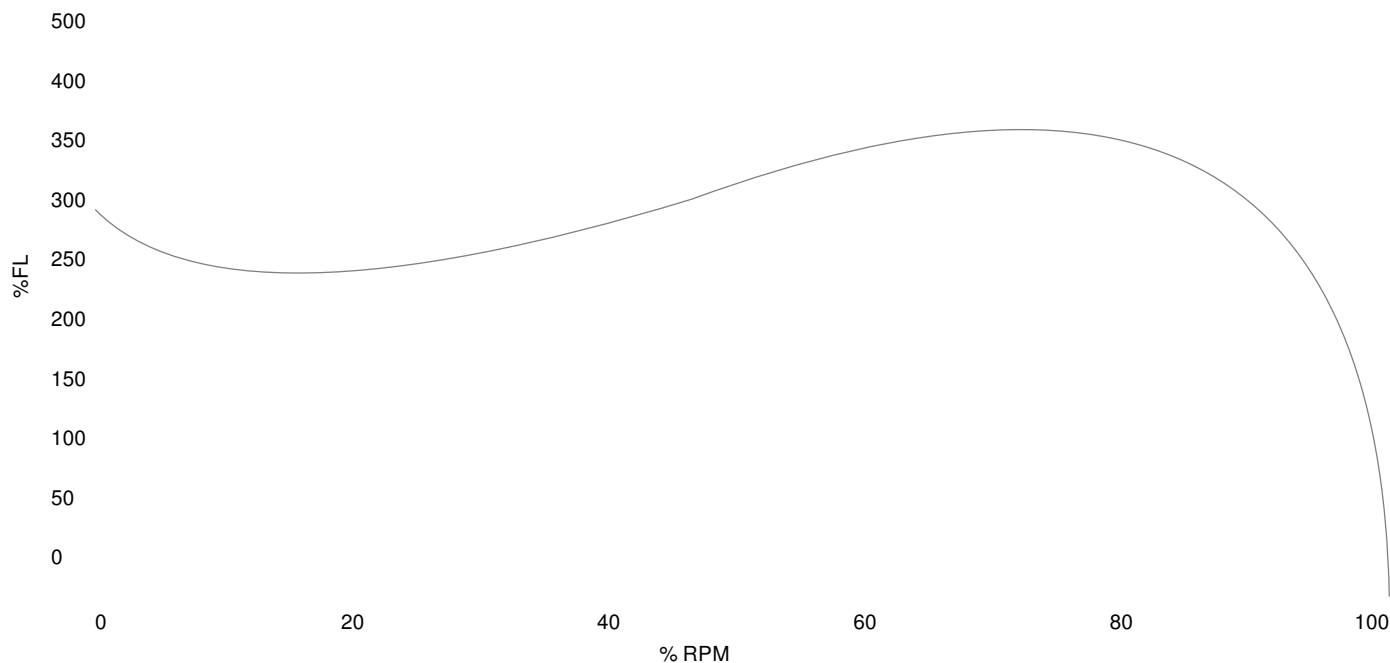
**NEMA**

<b>MOTOR MODEL:</b>	BR3-CI-TF-326TC-4-BR-E-50
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 50.0HP, 1770 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	506.56	299.0	Start Configuration
Pull-Up Torque	333.754	197.0	Starting Current (A)
Breakdown Torque	520.113	307.0	No-Load Current (A)
Full Load	169.418	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	26.53	-	-	-	-
25	12.5	30.25	11.84	1795.2	90.58	0.49
50	25.0	40.19	22.87	1790.5	93.78	0.71
75	37.5	52.63	34.12	1785.5	94.29	0.81
100	50.0	67.01	45.63	1780.2	94.03	0.85
125	62.5	82.79	57.41	1774.4	93.41	0.87

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