





NEMA Premium

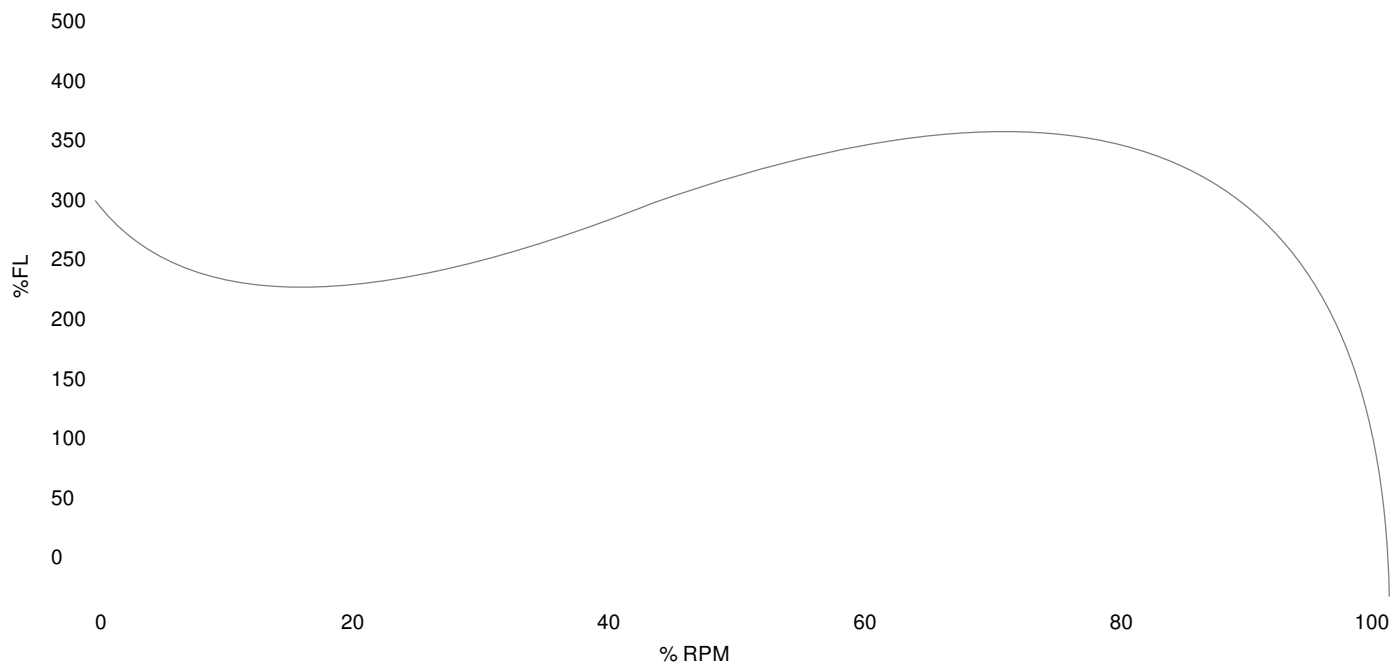
**NEMA**

<b>MOTOR MODEL:</b>	BR3-CI-TF-326TSC-2-BR-E-50
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 50.0HP, 3560 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	227.048	306.0	Start Configuration
Pull-Up Torque	128.364	173.0	Starting Current (A)
Breakdown Torque	225.564	304.0	No-Load Current (A)
Full Load	74.1988	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	15.79	-	-	-	-
25	12.5	20.77	10.58	3591.0	88.13	0.64
50	25.0	31.09	20.14	3582.2	92.58	0.81
75	37.5	42.8	29.87	3572.7	93.66	0.88
100	50.0	55.69	39.78	3562.4	93.76	0.9
125	62.5	69.53	49.9	3551.4	93.44	0.9

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