





NEMA Premium

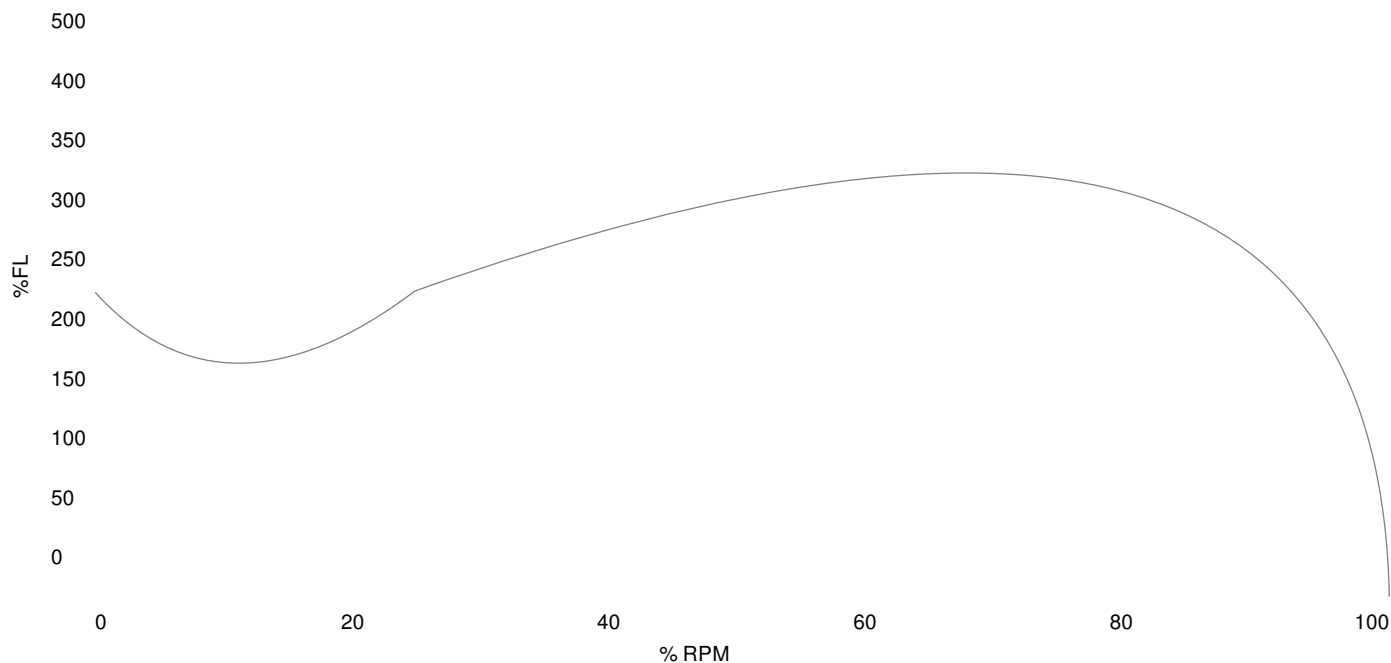
**NEMA**

<b>MOTOR MODEL:</b>	BR3-CI-TF-324TSC-2-BR-E-40
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 40.0HP, 3560 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	140.239	235.0	Start Configuration
Pull-Up Torque	74.5952	125.0	Starting Current (A)
Breakdown Torque	140.836	236.0	No-Load Current (A)
Full Load	59.6762	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	12.48	-	-	-	-
25	10.0	16.87	8.88	3588.8	84.46	0.66
50	20.0	25.43	16.6	3578.7	90.37	0.82
75	30.0	35.03	24.46	3567.6	91.99	0.88
100	40.0	45.56	32.49	3555.4	92.34	0.9
125	50.0	56.88	40.71	3542.2	92.13	0.9

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