



NEMA Premium

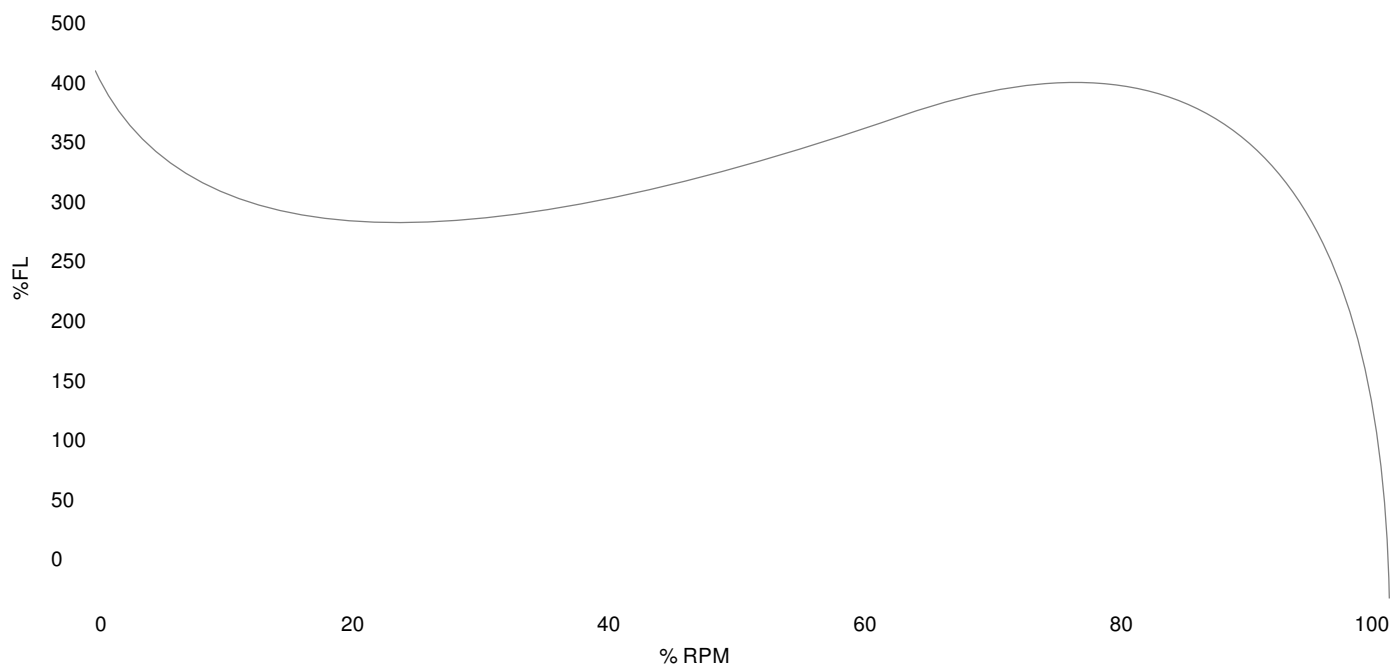
NEMA

MOTOR MODEL:	BR3-CI-TF-365TSC-2-BR-E-75
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 75.0HP, 3560 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	447.777	408.0	Start Configuration
Pull-Up Torque	210.719	192.0	Starting Current (A)
Breakdown Torque	409.365	373.0	No-Load Current (A)
Full Load	109.749	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	21.47	-	-	-	-
25	18.75	29.98	15.92	3593.2	87.92	0.67
50	37.5	45.56	30.26	3586.7	92.53	0.83
75	56.25	63.16	44.83	3579.8	93.68	0.89
100	75.0	63.16	44.83	3579.8	93.68	0.89
125	93.75	102.35	74.74	3565.1	93.66	0.92

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