



NEMA Premium

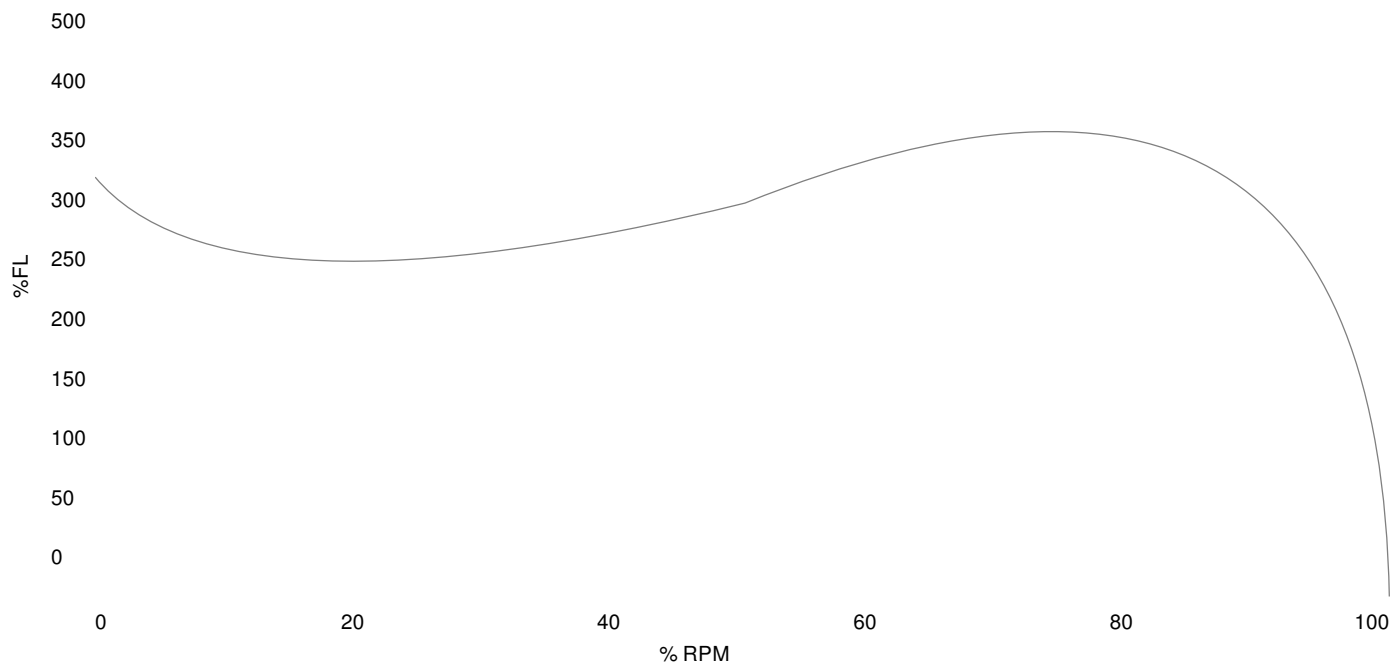
NEMA

MOTOR MODEL:	GR3-CI-TF-405TS-2-BR-F-100
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 100.0HP, 3570 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	479.374	324.0	Start Configuration
Pull-Up Torque	303.308	205.0	Starting Current (A)
Breakdown Torque	449.783	304.0	No-Load Current (A)
Full Load	147.955	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	24.33	-	-	-	-
25	25.0	36.85	21.13	3592.6	88.75	0.72
50	50.0	59.11	40.34	3585.3	92.96	0.86
75	75.0	83.45	59.87	3577.4	93.96	0.9
100	100.0	109.64	79.74	3568.9	94.05	0.91
125	125.0	137.44	100.0	3559.8	93.75	0.91

Techtop Industries
 2815 Colonnades Court
 Peachtree Corners, GA 30071
 Tel: 678-436-5540
 E-Mail: info@techttopind.com