





NEMA Premium

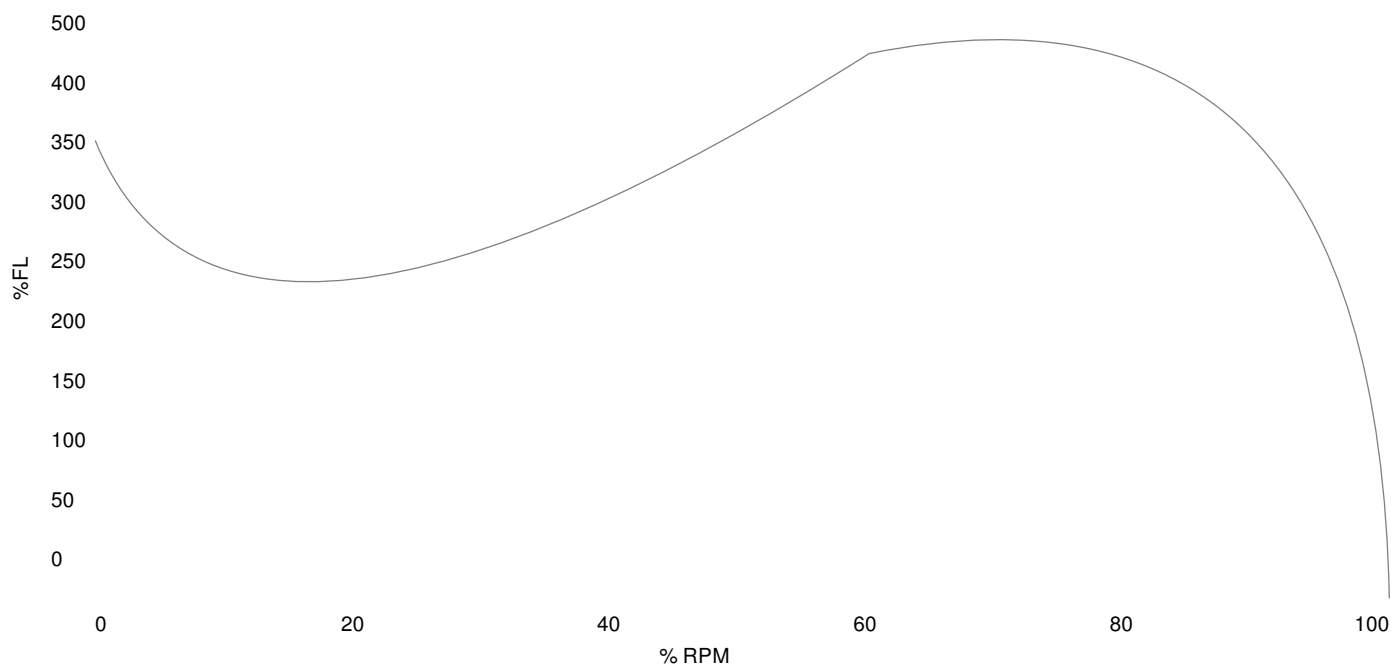
**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-213TC-2-B-D-7.5
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 7.5HP, 3520 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	38.6162	354.0	Start Configuration
Pull-Up Torque	11.5631	106.0	Starting Current (A)
Breakdown Torque	45.925	421.0	No-Load Current (A)
Full Load	10.9085	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	5.78	-	-	-	-
25	1.875	7.16	1700.8	3584.8	80.84	0.6
50	3.75	9.98	3124.7	3571.1	88.01	0.79
75	5.625	13.32	4581.2	3556.7	90.04	0.86
100	7.5	17.04	6074.7	3541.5	90.54	0.89
125	9.375	21.03	7608.1	3525.5	90.36	0.91

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