





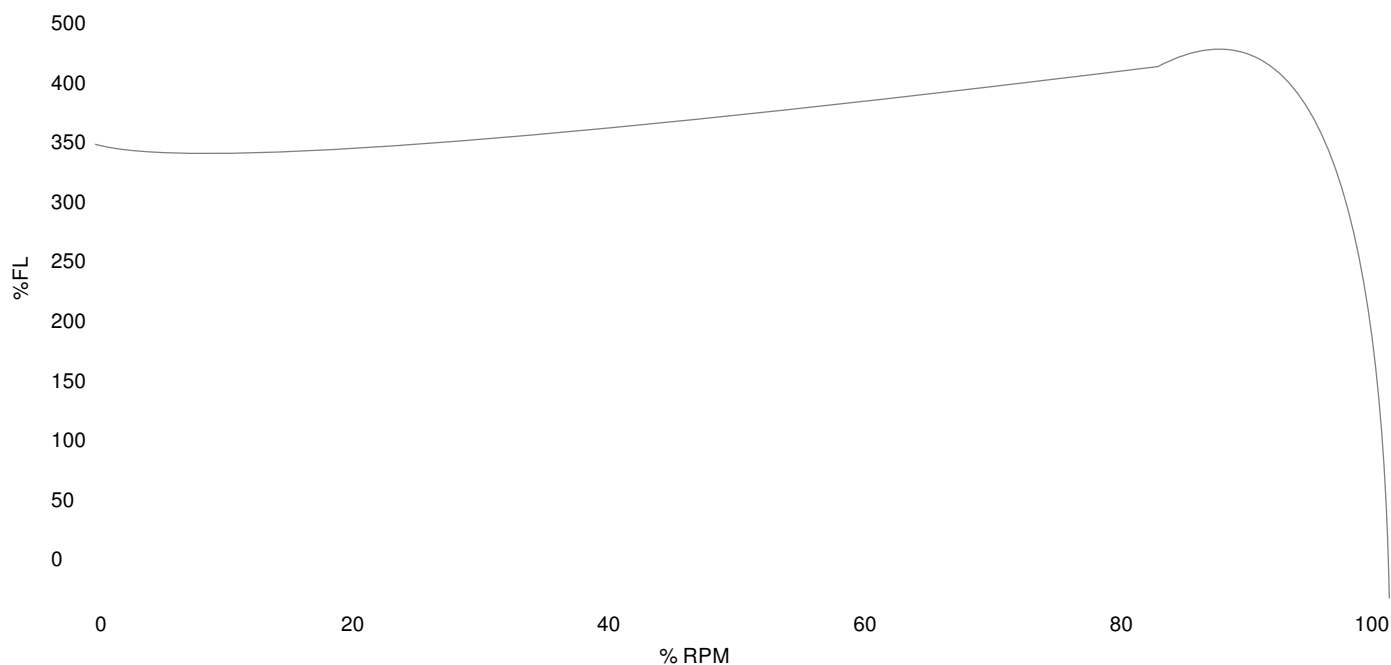
NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-145T-4-B-F-1.5
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	16.1544	351.0	Start Configuration
Pull-Up Torque	14.8197	322.0	Starting Current (A)
Breakdown Torque	18.9158	411.0	No-Load Current (A)
Full Load	4.60239	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	1.34	-	-	-	-
25	0.375	1.4	368.98	1787.5	76.22	0.33
50	0.75	1.57	665.18	1775.8	84.56	0.53
75	1.125	1.83	972.14	1763.0	86.79	0.67
100	1.5	2.16	1291.7	1749.1	87.1	0.75
125	1.875	2.54	1625.7	1734.1	86.5	0.8

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