





NEMA Premium

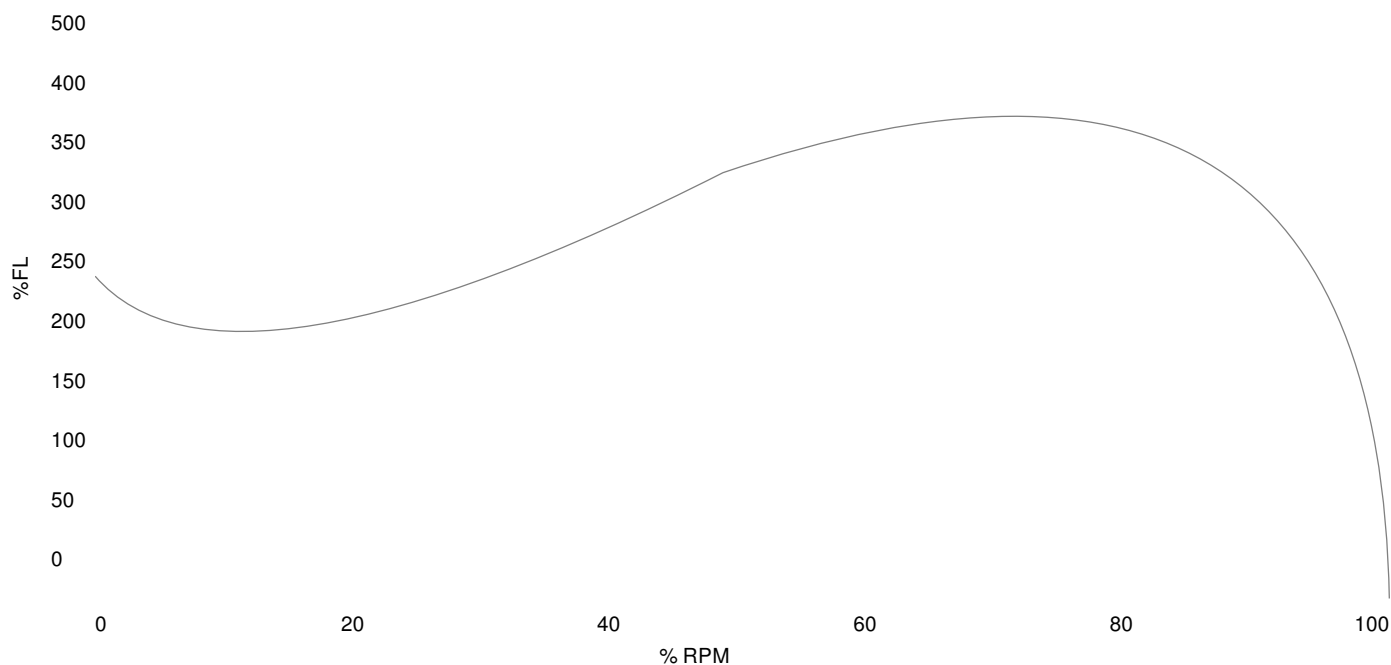
**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-286TC-6-BR-D-20
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 20.0HP, 1175 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	224.057	249.0	Start Configuration
Pull-Up Torque	120.577	134.0	Starting Current (A)
Breakdown Torque	296.043	329.0	No-Load Current (A)
Full Load	89.9826	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	11.93	-	-	-	-
25	5.0	13.18	4.35	1195.8	86.25	0.41
50	10.0	16.17	8.23	1191.8	91.19	0.64
75	15.0	20.24	12.2	1187.5	92.24	0.76
100	20.0	25.14	16.28	1182.8	92.16	0.81
125	25.0	30.62	20.48	1177.8	91.56	0.84

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