





NEMA Premium

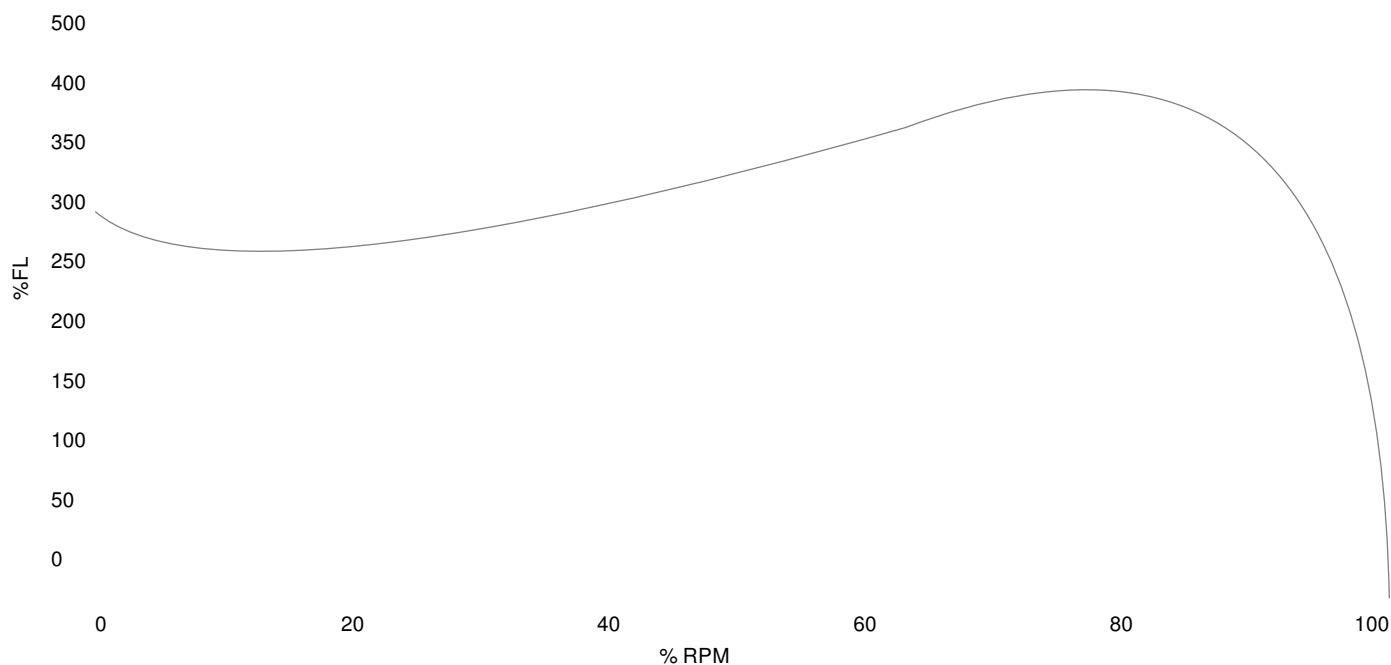
**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-286TC-4-BR-D-30
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 30.0HP, 1770 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	265.96	299.0	Start Configuration
Pull-Up Torque	190.353	214.0	Starting Current (A)
Breakdown Torque	323.778	364.0	No-Load Current (A)
Full Load	88.95	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	14.41	-	-	-	-
25	7.5	16.23	6.29	1794.1	88.63	0.49
50	15.0	21.24	12.02	1788.4	92.75	0.71
75	22.5	27.51	17.86	1782.2	93.63	0.82
100	30.0	34.74	23.83	1775.7	93.58	0.86
125	37.5	42.61	29.93	1768.8	93.13	0.88

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