





NEMA Premium

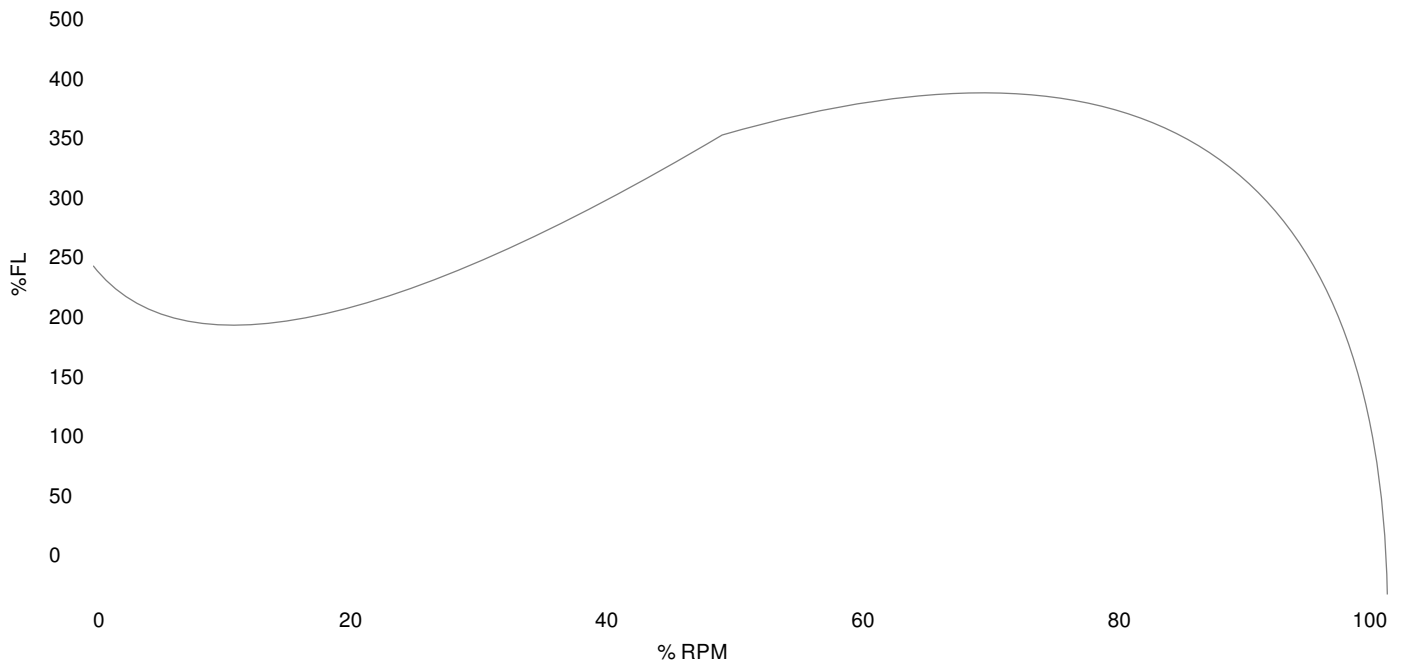
**NEMA**

<b>MOTOR MODEL:</b>	GR3-AL-TF-182T-2-B-D-3
<b>FACTORY TYPE:</b>	TXA

Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 3.0HP, 3515 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	11.1842	254.0	Start Configuration
Pull-Up Torque	5.54809	126.0	Starting Current (A)
Breakdown Torque	15.6315	355.0	No-Load Current (A)
Full Load	4.40325	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	1.31	-	-	-	-
25	0.75	1.58	723.3	3579.3	76.04	0.58
50	1.5	2.13	1306.0	3561.2	84.23	0.77
75	2.25	2.79	1909.0	3541.2	86.43	0.86
100	3.0	3.56	2537.0	3519.6	86.72	0.9
125	3.75	4.39	3194.0	3496.3	86.1	0.91

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