



Pump Motors

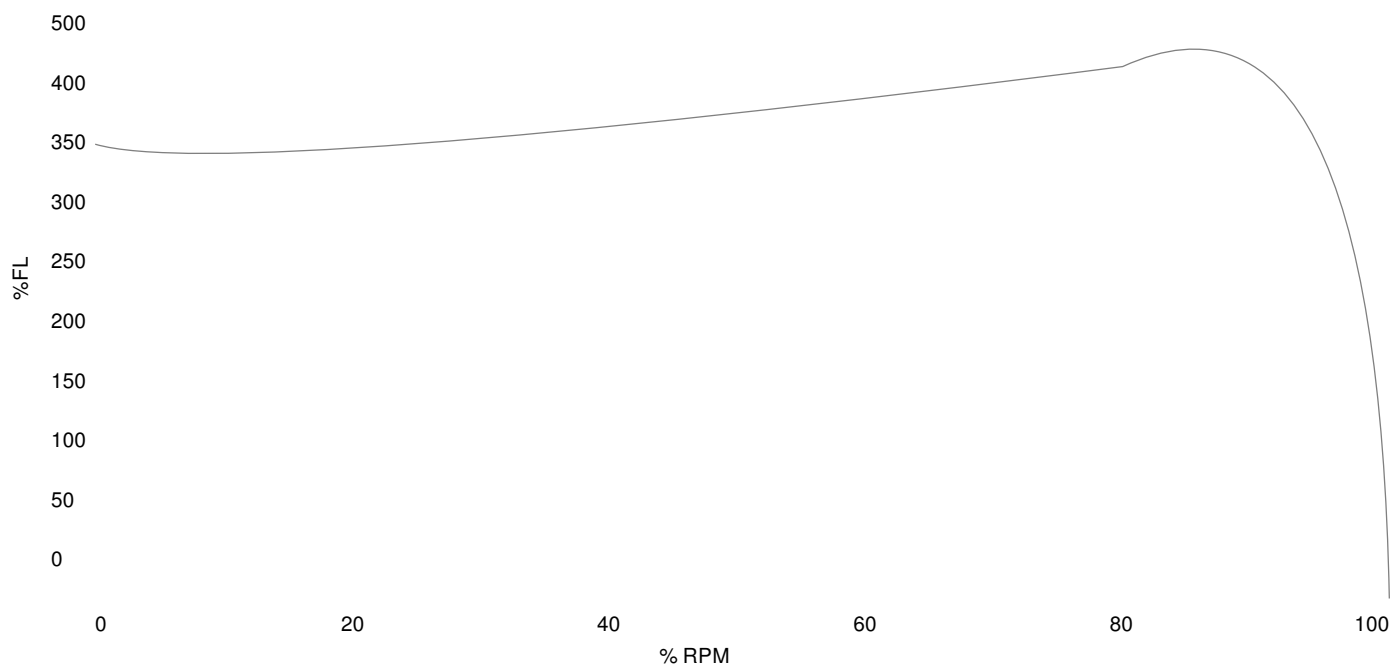
NEMA

MOTOR MODEL:	GR3-AL-TF-145JM-4-B-D-1.5
FACTORY TYPE:	TXA

Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 1.5HP, 1740 RPM

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

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