



NEMA Premium

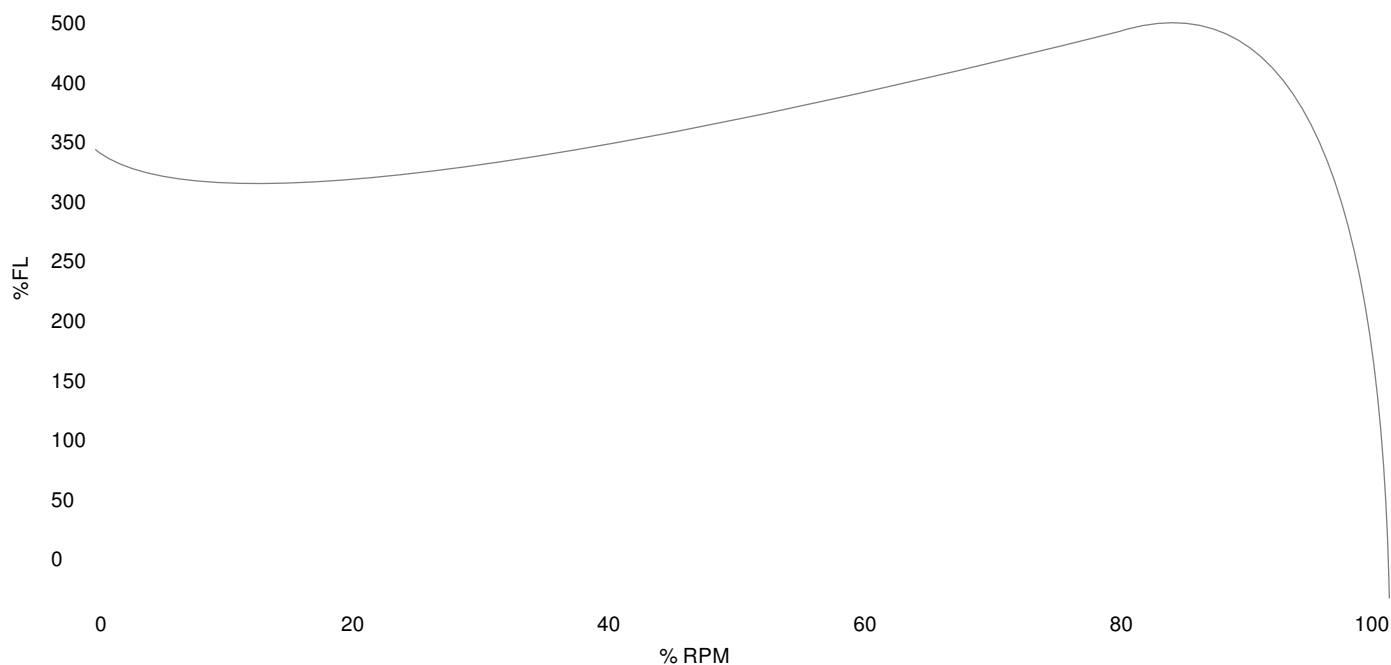
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|----------------------|-------------------------|
| MOTOR MODEL: | GR3-AL-TF-184TC-6-B-D-2 |
| FACTORY TYPE: | TXA |

NEMA

Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 2.0HP, 1175 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 31.1984 | 347.0 | Start Configuration |
| Pull-Up Torque | 23.8258 | 265.0 | Starting Current (A) |
| Breakdown Torque | 39.3801 | 438.0 | No-Load Current (A) |
| Full Load | 8.99088 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 2.33 | - | - | - | - |
| 25 | 0.5 | 2.4 | 489.99 | 1194.8 | 76.53 | 0.26 |
| 50 | 1.0 | 2.59 | 878.05 | 1190.2 | 85.42 | 0.43 |
| 75 | 1.5 | 2.89 | 1275.6 | 1185.2 | 88.19 | 0.55 |
| 100 | 2.0 | 3.28 | 1683.8 | 1179.8 | 89.08 | 0.64 |
| 125 | 2.5 | 3.74 | 2103.5 | 1174.1 | 89.14 | 0.71 |

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