



NEMA Premium

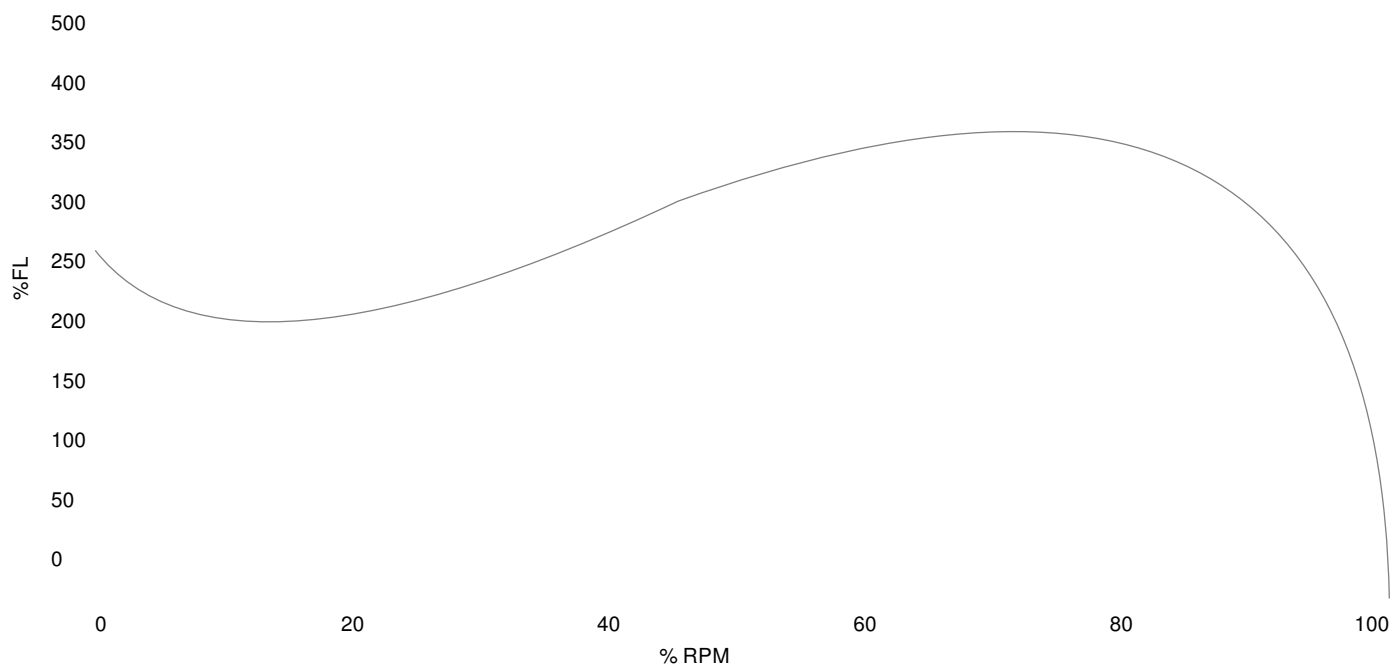
NEMA

| | |
|----------------------|----------------------------|
| MOTOR MODEL: | GR3-CI-TF-445TC-6-RR-E-125 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 125.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 1694.37 | 269.0 | Start Configuration |
| Pull-Up Torque | 894.427 | 142.0 | Starting Current (A) |
| Breakdown Torque | 1933.73 | 307.0 | No-Load Current (A) |
| Full Load | 629.878 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 62.1 | - | - | - | - |
| 25 | 31.25 | 73.09 | 30.01 | 1197.8 | 89.39 | 0.52 |
| 50 | 62.5 | 99.61 | 57.61 | 1195.7 | 93.12 | 0.73 |
| 75 | 93.75 | 132.1 | 85.77 | 1193.4 | 93.83 | 0.81 |
| 100 | 125.0 | 169.49 | 114.54 | 1191.0 | 93.68 | 0.85 |
| 125 | 156.25 | 210.69 | 143.98 | 1188.3 | 93.16 | 0.86 |

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