



NEMA Premium

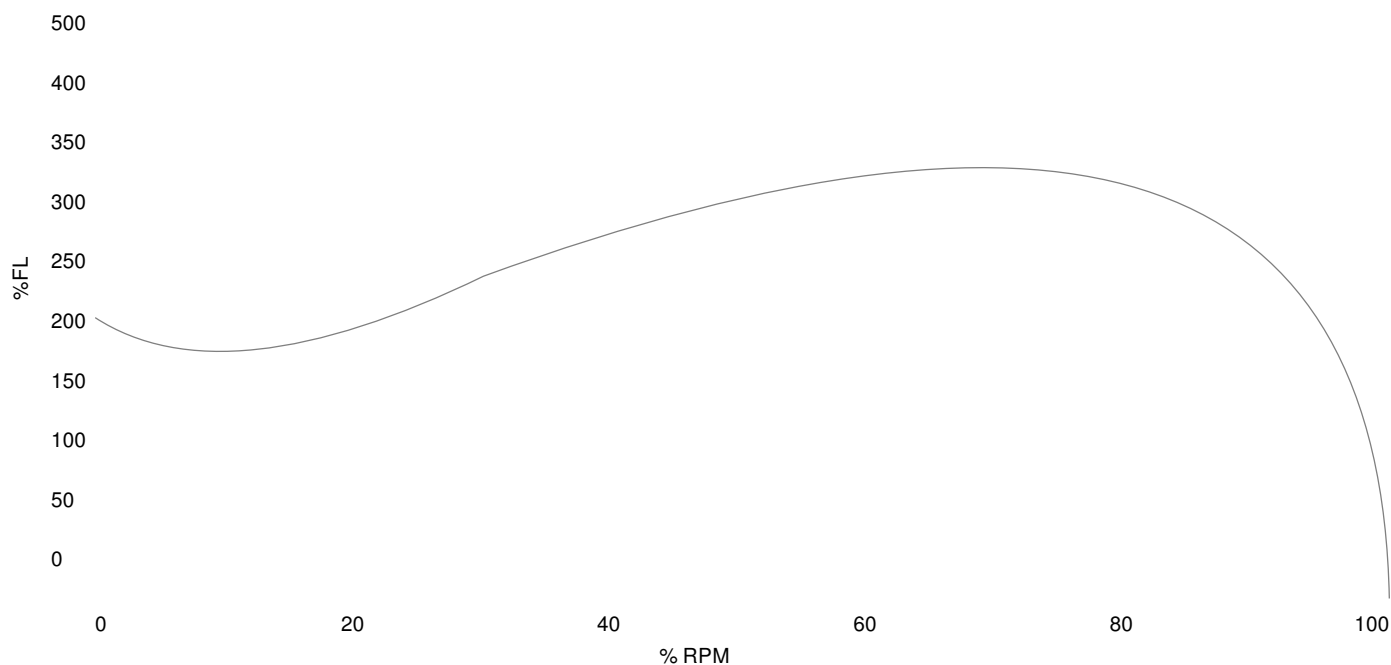
NEMA

| | |
|----------------------|---------------------------|
| MOTOR MODEL: | GR3-CI-TF-444T-6-RR-F-100 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 100.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 974.23 | 217.0 | Start Configuration |
| Pull-Up Torque | 682.41 | 152.0 | Starting Current (A) |
| Breakdown Torque | 1117.9 | 249.0 | No-Load Current (A) |
| Full Load | 448.954 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 33.69 | - | - | - | - |
| 25 | 25.0 | 42.21 | 20.42 | 1197.9 | 91.83 | 0.61 |
| 50 | 50.0 | 63.12 | 39.53 | 1195.9 | 94.86 | 0.79 |
| 75 | 75.0 | 86.98 | 58.9 | 1193.8 | 95.51 | 0.85 |
| 100 | 100.0 | 113.33 | 78.55 | 1191.3 | 95.48 | 0.87 |
| 125 | 125.0 | 130.16 | 90.49 | 1189.8 | 95.31 | 0.87 |

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