



NEMA Premium

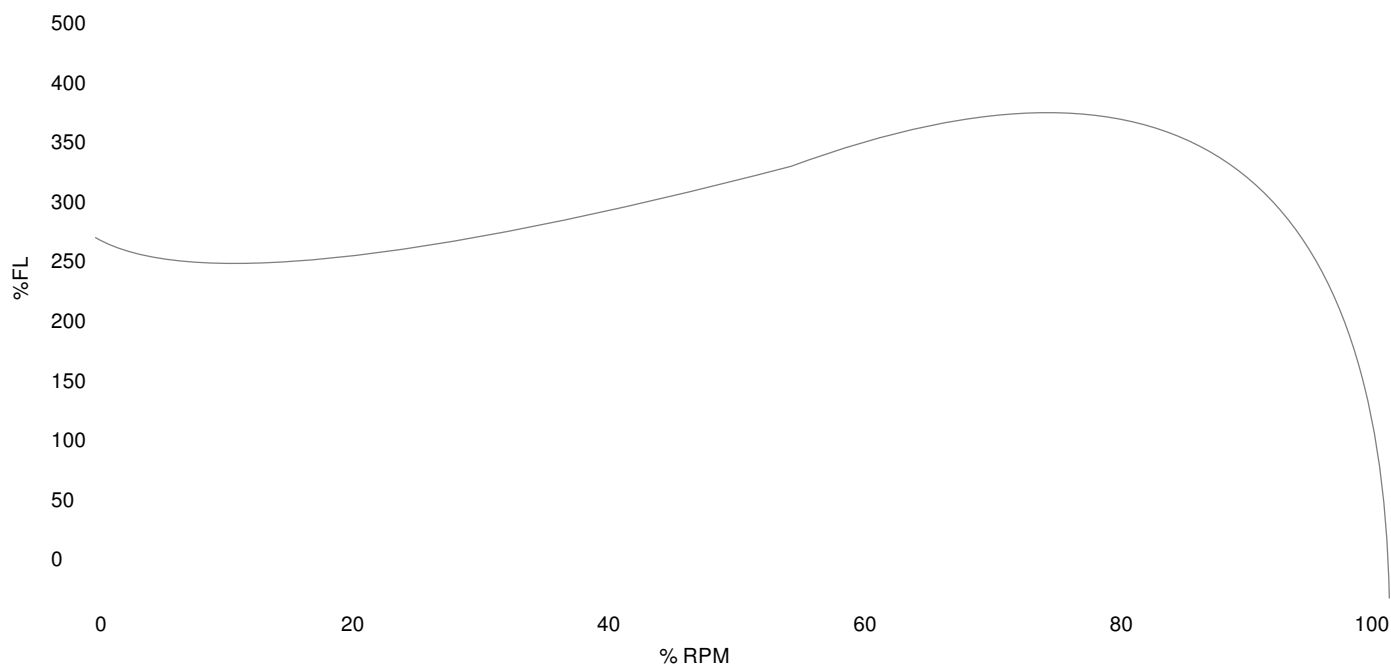
NEMA

| | |
|----------------------|----------------------------|
| MOTOR MODEL: | GR3-CI-TF-447TC-6-RR-E-150 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 150.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 2127.76 | 279.0 | Start Configuration |
| Pull-Up Torque | 1677.81 | 220.0 | Starting Current (A) |
| Breakdown Torque | 2547.22 | 334.0 | No-Load Current (A) |
| Full Load | 762.639 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 84.78 | - | - | - | - |
| 25 | 37.5 | 96.55 | 35.54 | 1197.9 | 90.75 | 0.46 |
| 50 | 75.0 | 125.58 | 68.42 | 1196.0 | 94.27 | 0.68 |
| 75 | 112.5 | 162.53 | 101.76 | 1193.9 | 95.08 | 0.79 |
| 100 | 150.0 | 205.53 | 135.61 | 1191.6 | 95.13 | 0.83 |
| 125 | 187.5 | 252.72 | 170.0 | 1189.2 | 94.85 | 0.84 |

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