



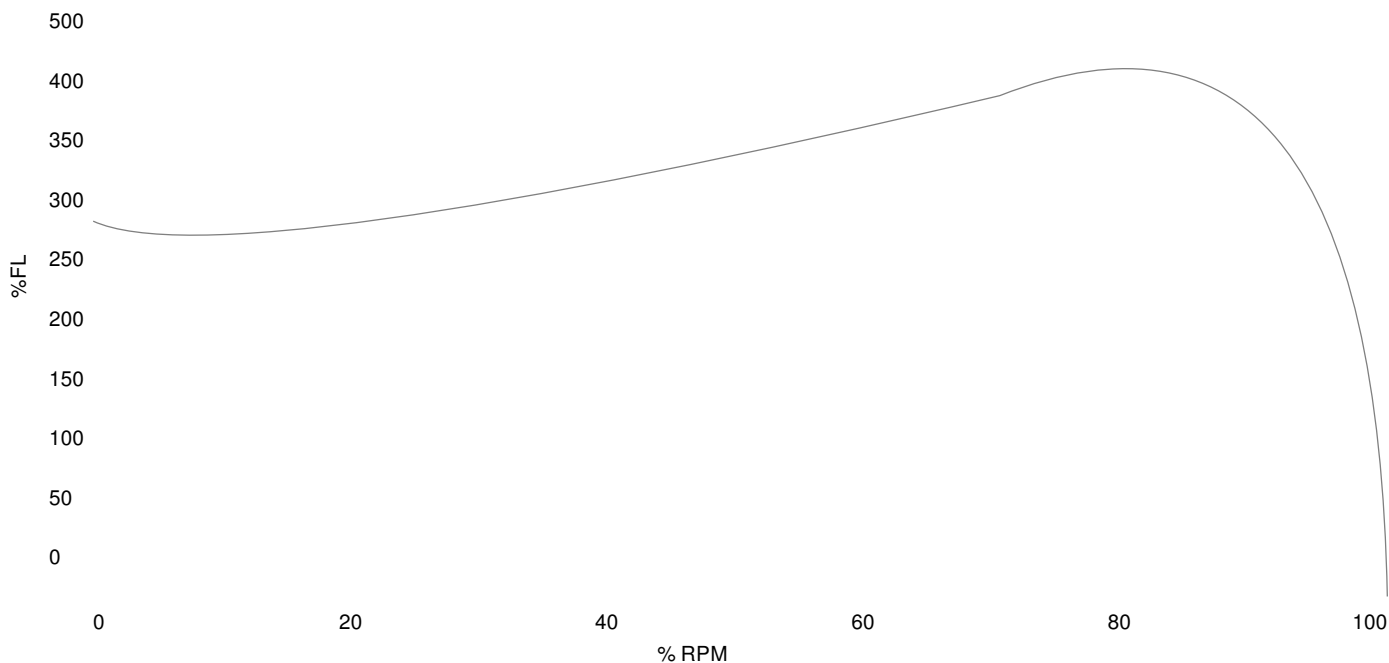
NEMA Premium

NEMA

| | |
|----------------------|---------------------------|
| MOTOR MODEL: | GR3-CI-TF-254TC-4-BR-D-15 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 130.197 | 290.0 | Start Configuration |
| Pull-Up Torque | 109.994 | 245.0 | Starting Current (A) |
| Breakdown Torque | 173.745 | 387.0 | No-Load Current (A) |
| Full Load | 44.8954 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 8.37 | - | - | - | - |
| 25 | 3.75 | 9.23 | 3.28 | 1794.2 | 86.19 | 0.45 |
| 50 | 7.5 | 11.62 | 6.19 | 1788.5 | 91.29 | 0.67 |
| 75 | 11.25 | 14.7 | 9.16 | 1782.5 | 92.52 | 0.78 |
| 100 | 15.0 | 18.3 | 12.2 | 1776.1 | 92.63 | 0.84 |
| 125 | 18.75 | 22.25 | 15.31 | 1769.4 | 92.25 | 0.86 |

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