



NEMA Premium

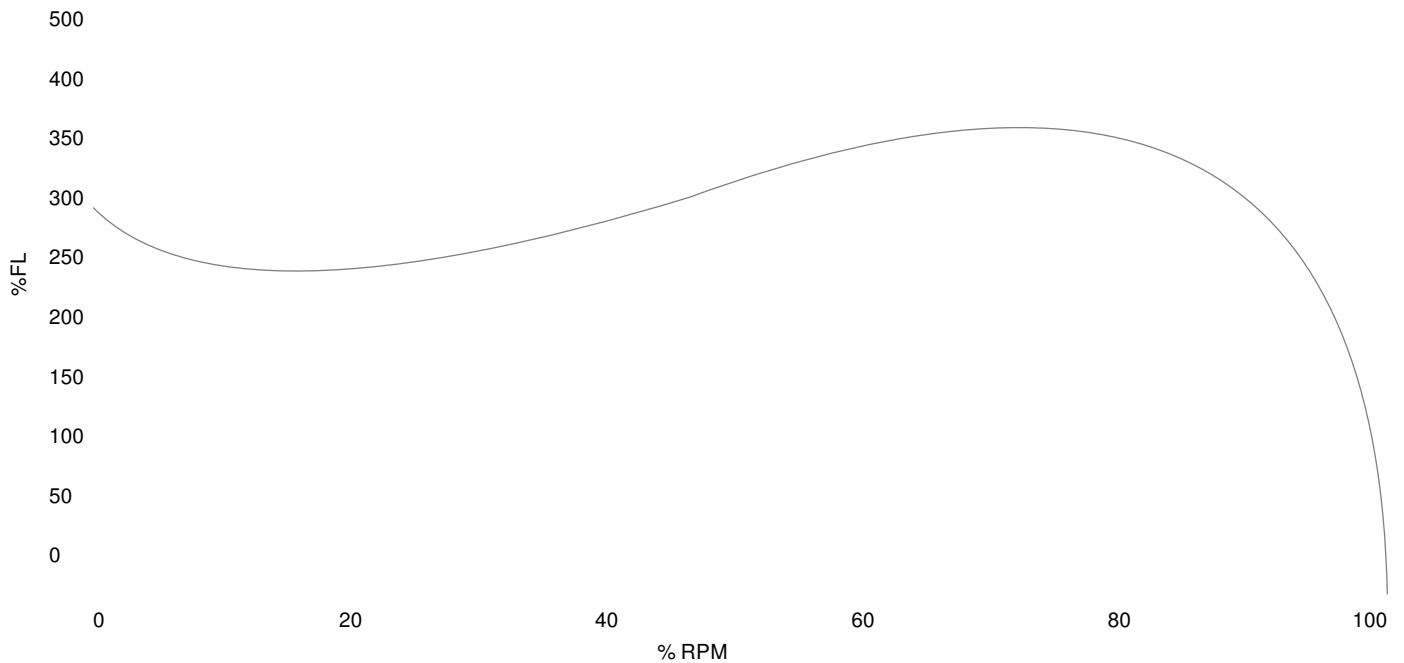
NEMA

| | |
|----------------------|--------------------------|
| MOTOR MODEL: | GR3-CI-TF-326T-4-BR-F-50 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 50.0HP, 1770 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 506.56 | 299.0 | Start Configuration |
| Pull-Up Torque | 333.754 | 197.0 | Starting Current (A) |
| Breakdown Torque | 520.113 | 307.0 | No-Load Current (A) |
| Full Load | 169.418 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 26.53 | - | - | - | - |
| 25 | 12.5 | 30.25 | 11.84 | 1795.2 | 90.58 | 0.49 |
| 50 | 25.0 | 40.19 | 22.87 | 1790.5 | 93.78 | 0.71 |
| 75 | 37.5 | 52.63 | 34.12 | 1785.5 | 94.29 | 0.81 |
| 100 | 50.0 | 67.01 | 45.63 | 1780.2 | 94.03 | 0.85 |
| 125 | 62.5 | 82.79 | 57.41 | 1774.4 | 93.41 | 0.87 |

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