



NEMA Premium

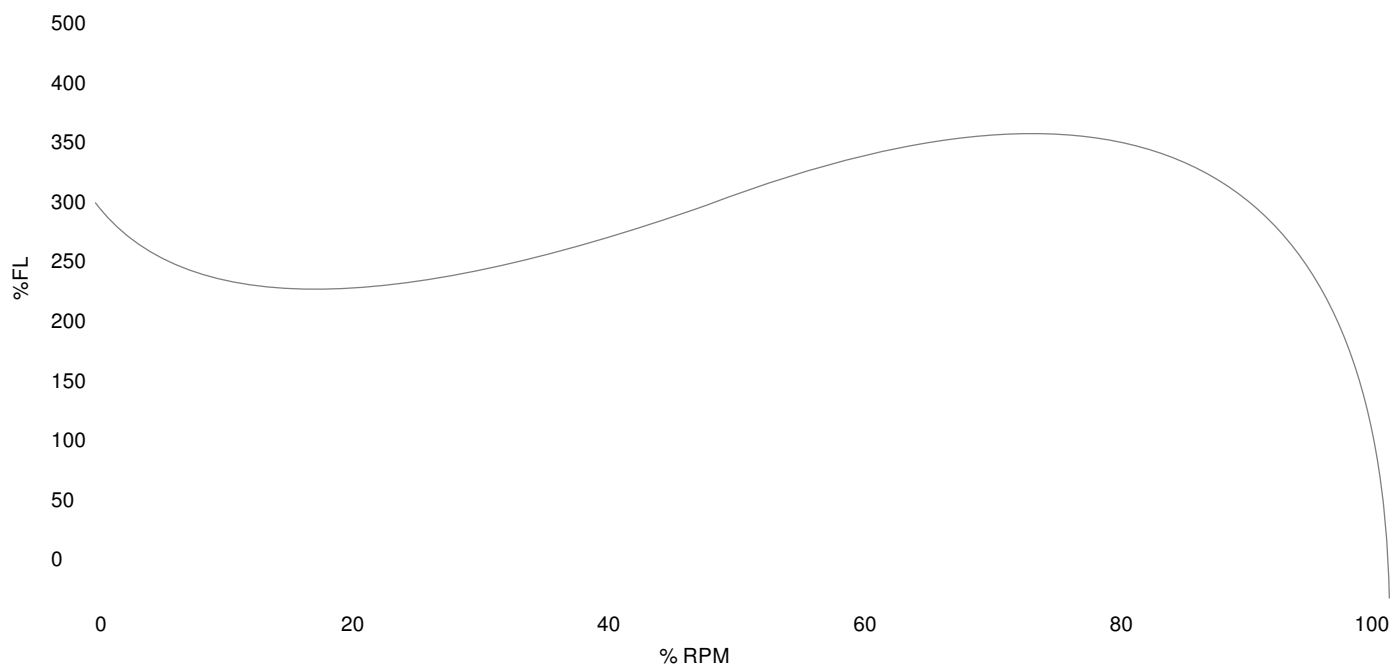
NEMA

| | |
|----------------------|----------------------------|
| MOTOR MODEL: | GR3-CI-TF-326TSC-2-BR-D-50 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 50.0HP, 3560 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 227.048 | 306.0 | Start Configuration |
| Pull-Up Torque | 128.364 | 173.0 | Starting Current (A) |
| Breakdown Torque | 225.564 | 304.0 | No-Load Current (A) |
| Full Load | 74.1988 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 15.79 | - | - | - | - |
| 25 | 12.5 | 20.77 | 10.58 | 3591.0 | 88.13 | 0.64 |
| 50 | 25.0 | 31.09 | 20.14 | 3582.2 | 92.58 | 0.81 |
| 75 | 37.5 | 42.8 | 29.87 | 3572.7 | 93.66 | 0.88 |
| 100 | 50.0 | 55.69 | 39.78 | 3562.4 | 93.76 | 0.9 |
| 125 | 62.5 | 69.53 | 49.9 | 3551.4 | 93.44 | 0.9 |

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