



NEMA Premium

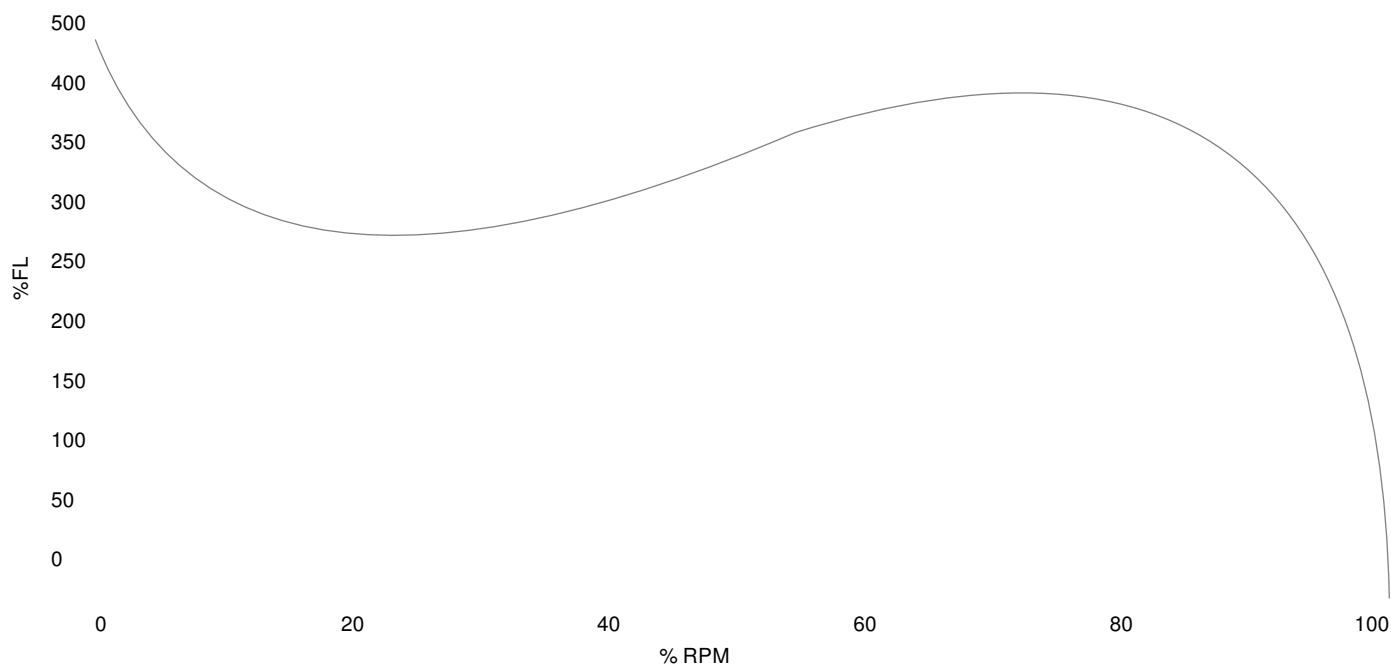
NEMA

| | |
|----------------------|----------------------------|
| MOTOR MODEL: | GR3-CI-TF-364TSC-2-BR-D-60 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 60.0HP, 3560 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 382.352 | 432.0 | Start Configuration |
| Pull-Up Torque | 151.348 | 171.0 | Starting Current (A) |
| Breakdown Torque | 318.627 | 360.0 | No-Load Current (A) |
| Full Load | 88.5075 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 21.45 | - | - | - | - |
| 25 | 15.0 | 27.65 | 13.48 | 3593.7 | 83.47 | 0.61 |
| 50 | 30.0 | 39.47 | 24.95 | 3587.9 | 90.17 | 0.79 |
| 75 | 45.0 | 53.0 | 36.57 | 3581.7 | 92.28 | 0.87 |
| 100 | 60.0 | 67.84 | 48.35 | 3575.2 | 93.07 | 0.89 |
| 125 | 75.0 | 83.6 | 60.3 | 3568.4 | 93.29 | 0.91 |

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