



NEMA Premium

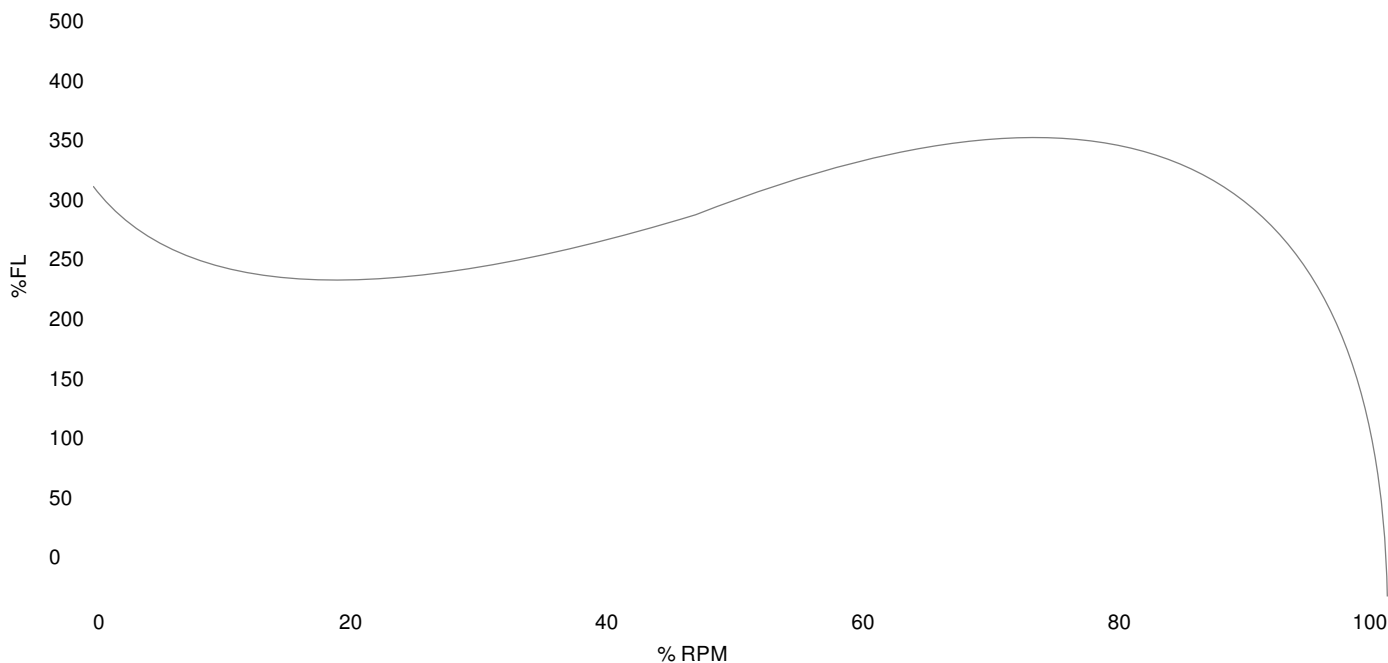
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|----------------------|---------------------------|
| MOTOR MODEL: | GR3-CI-TF-324TC-4-BR-D-40 |
| FACTORY TYPE: | TXC |

NEMA

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 40.0HP, 1770 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 430.673 | 317.0 | Start Configuration |
| Pull-Up Torque | 249.98 | 184.0 | Starting Current (A) |
| Breakdown Torque | 400.784 | 295.0 | No-Load Current (A) |
| Full Load | 135.859 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 20.61 | - | - | - | - |
| 25 | 10.0 | 23.81 | 9.61 | 1795.1 | 89.75 | 0.51 |
| 50 | 20.0 | 31.86 | 18.5 | 1790.4 | 93.22 | 0.73 |
| 75 | 30.0 | 42.04 | 27.59 | 1785.3 | 93.77 | 0.82 |
| 100 | 40.0 | 53.83 | 36.91 | 1779.7 | 93.48 | 0.86 |
| 125 | 50.0 | 66.72 | 46.47 | 1773.8 | 92.81 | 0.87 |

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