



NEMA Premium

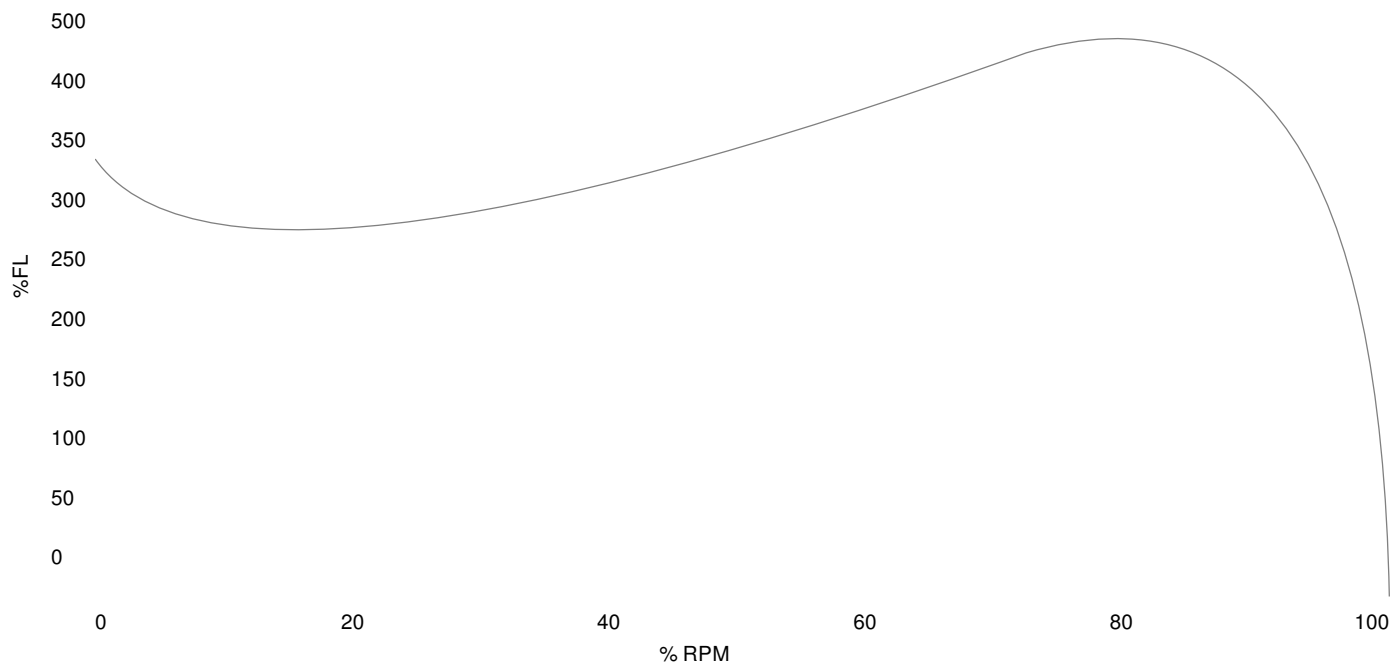
NEMA

| | |
|----------------------|--------------------------|
| MOTOR MODEL: | GR3-CI-TF-324T-6-BR-D-25 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 25.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 374.193 | 338.0 | Start Configuration |
| Pull-Up Torque | 218.095 | 197.0 | Starting Current (A) |
| Breakdown Torque | 464.974 | 420.0 | No-Load Current (A) |
| Full Load | 110.708 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 14.61 | - | - | - | - |
| 25 | 6.25 | 16.05 | 5.35 | 1196.5 | 86.95 | 0.42 |
| 50 | 12.5 | 19.84 | 10.14 | 1193.1 | 91.71 | 0.64 |
| 75 | 18.75 | 24.87 | 15.04 | 1189.5 | 92.78 | 0.76 |
| 100 | 25.0 | 30.81 | 20.04 | 1185.7 | 92.81 | 0.82 |
| 125 | 31.25 | 34.69 | 23.1 | 1183.3 | 92.58 | 0.84 |

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