



Pump Motors

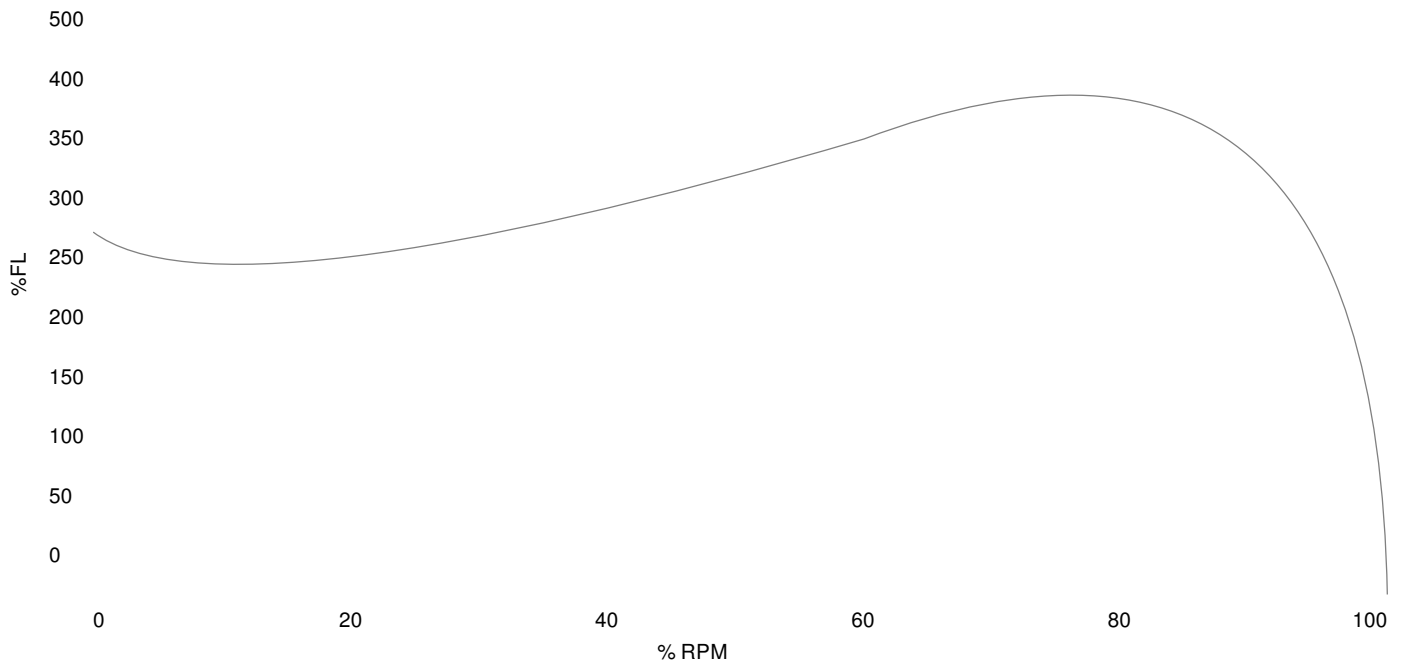
NEMA

| | |
|----------------------|---------------------------|
| MOTOR MODEL: | GR3-CI-TF-256JP-4-BR-D-20 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 20.0HP, 1760 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 166.907 | 280.0 | Start Configuration |
| Pull-Up Torque | 122.796 | 206.0 | Starting Current (A) |
| Breakdown Torque | 209.826 | 352.0 | No-Load Current (A) |
| Full Load | 59.6098 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 8.72 | - | - | - | - |
| 25 | 5.0 | 10.25 | 4.28 | 1793.3 | 87.68 | 0.52 |
| 50 | 10.0 | 13.84 | 8.16 | 1786.6 | 91.95 | 0.74 |
| 75 | 15.0 | 18.28 | 12.13 | 1779.4 | 92.77 | 0.83 |
| 100 | 20.0 | 23.35 | 16.2 | 1771.7 | 92.58 | 0.87 |
| 125 | 25.0 | 28.86 | 20.39 | 1763.5 | 91.95 | 0.89 |

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