



Pump Motors

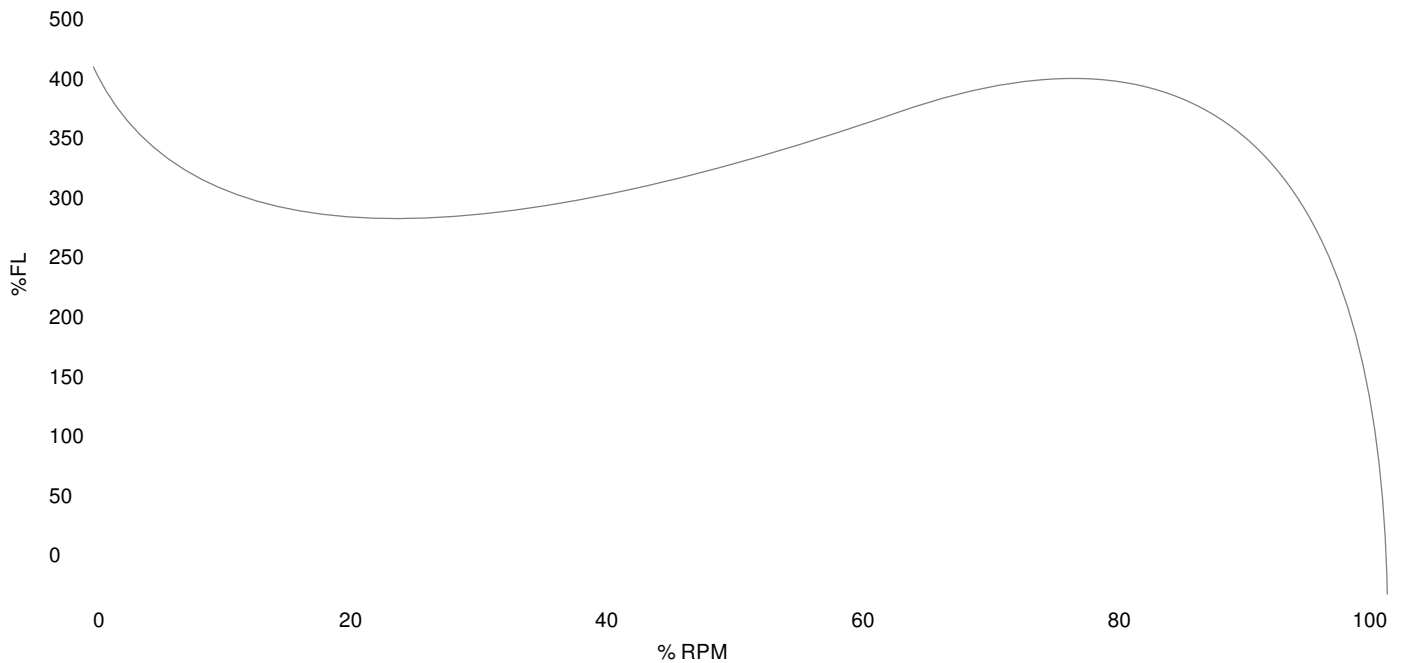
NEMA

| | |
|----------------------|---------------------------|
| MOTOR MODEL: | GR3-CI-TF-365JP-2-BR-D-75 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 75.0HP, 3560 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 447.777 | 408.0 | Start Configuration |
| Pull-Up Torque | 210.719 | 192.0 | Starting Current (A) |
| Breakdown Torque | 409.365 | 373.0 | No-Load Current (A) |
| Full Load | 109.749 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 21.47 | - | - | - | - |
| 25 | 18.75 | 29.98 | 15.92 | 3593.2 | 87.92 | 0.67 |
| 50 | 37.5 | 45.56 | 30.26 | 3586.7 | 92.53 | 0.83 |
| 75 | 56.25 | 63.16 | 44.83 | 3579.8 | 93.68 | 0.89 |
| 100 | 75.0 | 63.16 | 44.83 | 3579.8 | 93.68 | 0.89 |
| 125 | 93.75 | 102.35 | 74.74 | 3565.1 | 93.66 | 0.92 |

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