



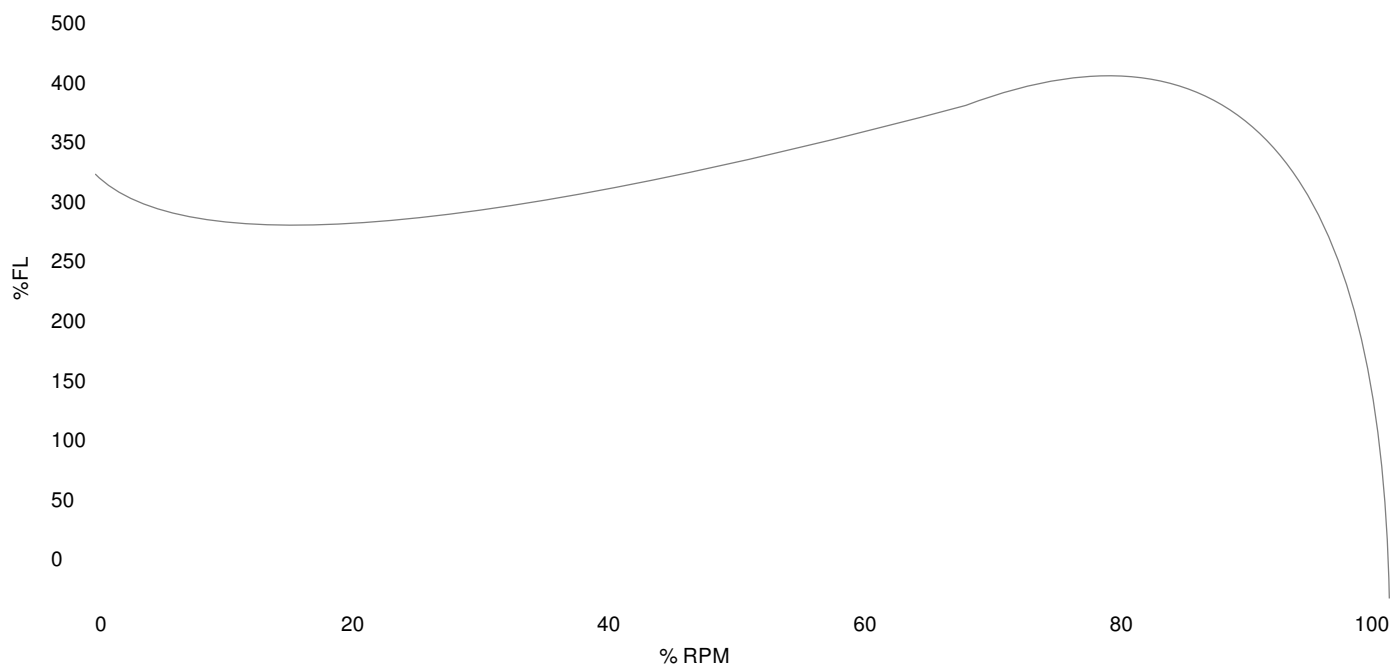
NEMA Premium

| | |
|----------------------|--------------------------|
| MOTOR MODEL: | GR3-CI-TF-143T-2-B-F-1.5 |
| FACTORY TYPE: | TXC |

NEMA

Premium NEMA Cast Iron, TEFC

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values | |
|---------------------|--------------|-------|----------------------|---|
| Locked Rotor Torque | 7.18504 | 328.0 | Start Configuration | - |
| Pull-Up Torque | 4.99448 | 228.0 | Starting Current (A) | - |
| Breakdown Torque | 8.34603 | 381.0 | No-Load Current (A) | - |
| Full Load | 2.19056 | 100.0 | No-Load Power Factor | - |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 1.22 | - | - | - | - |
| 25 | 0.375 | 1.27 | 372.11 | 3576.3 | 73.9 | 0.37 |
| 50 | 0.75 | 1.43 | 661.32 | 3556.2 | 83.17 | 0.58 |
| 75 | 1.125 | 1.69 | 961.82 | 3533.7 | 85.78 | 0.72 |
| 100 | 1.5 | 2.01 | 1275.7 | 3508.7 | 86.23 | 0.8 |
| 125 | 1.875 | 2.39 | 1605.2 | 3481.3 | 85.66 | 0.84 |

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