



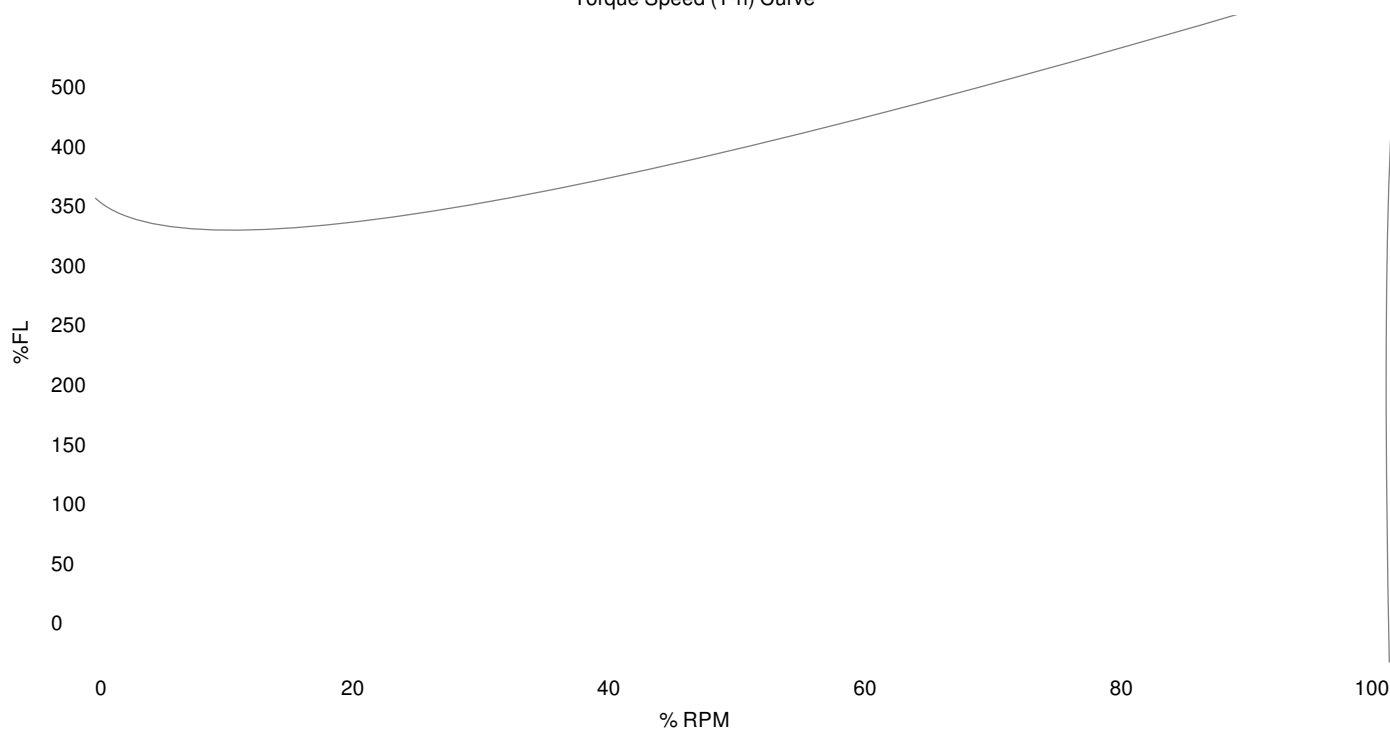
NEMA Premium

| | |
|----------------------|----------------------------|
| MOTOR MODEL: | GR3-CI-TF-445TS-2-BR-E-150 |
| 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 | 905.299 | 359.0 | Start Configuration |
| Pull-Up Torque | 660.692 | 262.0 | Starting Current (A) |
| Breakdown Torque | 1366.77 | 542.0 | No-Load Current (A) |
| Full Load | 252.173 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 46.94 | - | - | - | - |
| 25 | 37.5 | 66.5 | 35.33 | 3595.2 | 91.08 | 0.67 |
| 50 | 75.0 | 101.33 | 68.1 | 3590.6 | 94.5 | 0.84 |
| 75 | 112.5 | 141.18 | 101.28 | 3585.8 | 95.31 | 0.9 |
| 100 | 150.0 | 184.27 | 134.9 | 3580.8 | 95.4 | 0.92 |
| 125 | 187.5 | 210.93 | 155.28 | 3577.7 | 95.32 | 0.92 |

Techtop Industries
 2815 Colonnades Court
 Peachtree Corners, GA 30071
 Tel: 678-436-5540
 E-Mail: info@techttopind.com