



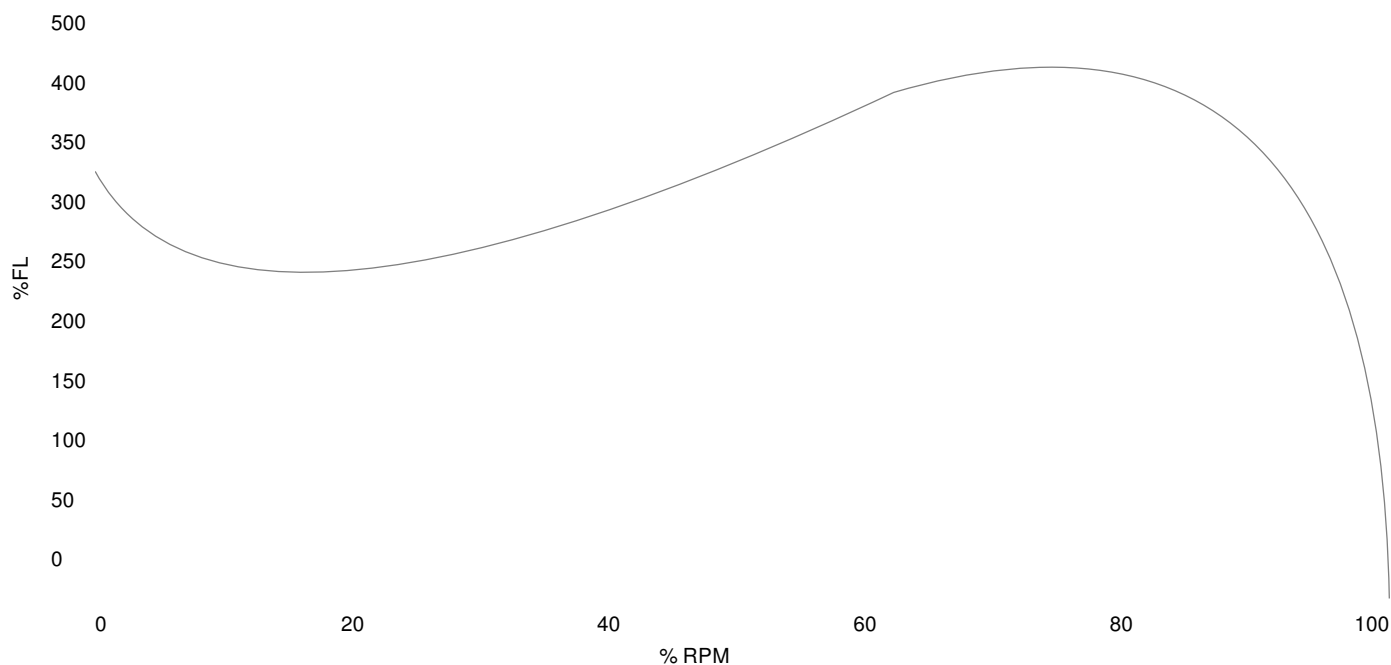
NEMA Premium

NEMA

| | |
|----------------------|----------------------------|
| MOTOR MODEL: | BR3-CI-TF-444TS-2-BR-E-125 |
| FACTORY TYPE: | TXC |

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 | 693.434 | 330.0 | Start Configuration | - |
| Pull-Up Torque | 310.995 | 148.0 | Starting Current (A) | - |
| Breakdown Torque | 821.614 | 391.0 | No-Load Current (A) | - |
| Full Load | 210.131 | 100.0 | No-Load Power Factor | - |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 37.85 | - | - | - | - |
| 25 | 31.25 | 54.82 | 30.04 | 3594.5 | 89.21 | 0.89 |
| 50 | 62.5 | 84.97 | 57.36 | 3589.2 | 93.44 | 0.85 |
| 75 | 93.75 | 118.4 | 85.03 | 3583.6 | 94.56 | 0.9 |
| 100 | 125.0 | 154.45 | 113.07 | 3577.7 | 94.81 | 0.92 |
| 125 | 156.25 | 192.43 | 141.52 | 3571.6 | 94.69 | 0.92 |

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