



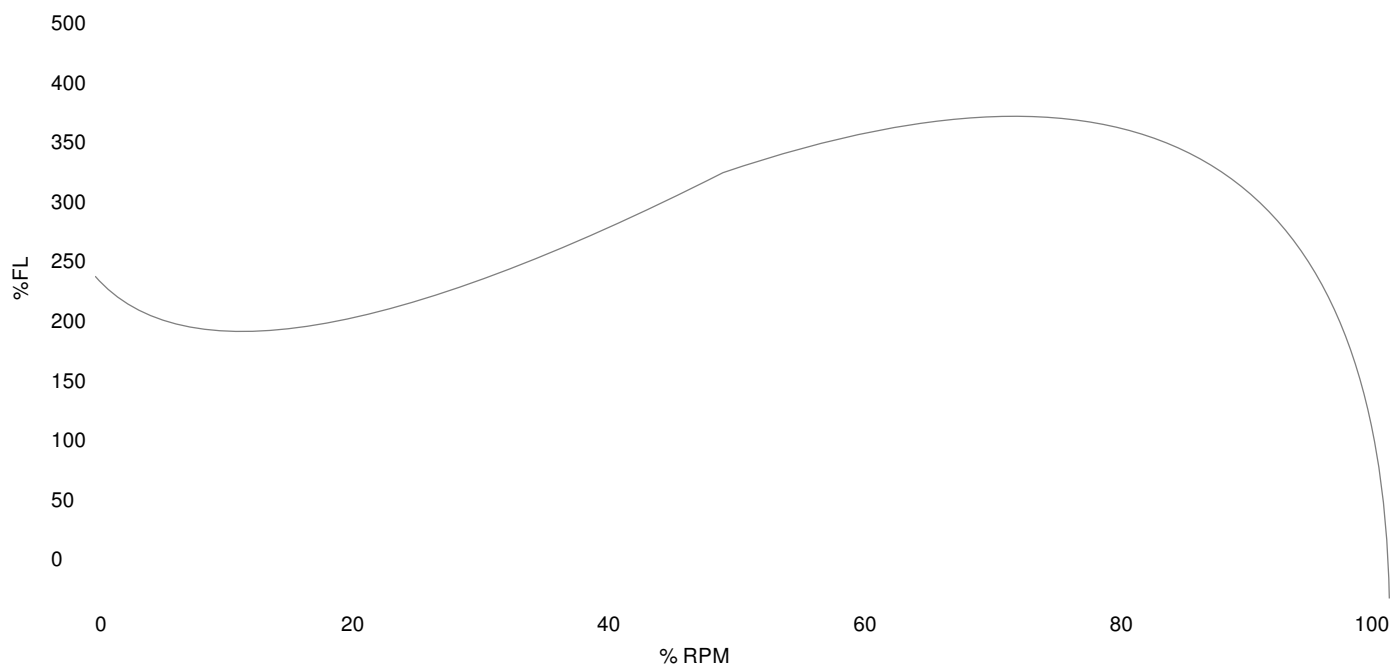
NEMA Premium

| | |
|----------------------|--------------------------|
| MOTOR MODEL: | BR3-CI-TF-286T-6-BR-E-20 |
| 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 | 224.057 | 249.0 | Start Configuration |
| Pull-Up Torque | 120.577 | 134.0 | Starting Current (A) |
| Breakdown Torque | 296.043 | 329.0 | No-Load Current (A) |
| Full Load | 89.9826 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 11.93 | - | - | - | - |
| 25 | 5.0 | 13.18 | 4.35 | 1195.8 | 86.25 | 0.41 |
| 50 | 10.0 | 16.17 | 8.23 | 1191.8 | 91.19 | 0.64 |
| 75 | 15.0 | 20.24 | 12.2 | 1187.5 | 92.24 | 0.76 |
| 100 | 20.0 | 25.14 | 16.28 | 1182.8 | 92.16 | 0.81 |
| 125 | 25.0 | 30.62 | 20.48 | 1177.8 | 91.56 | 0.84 |

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