



NEMA Premium

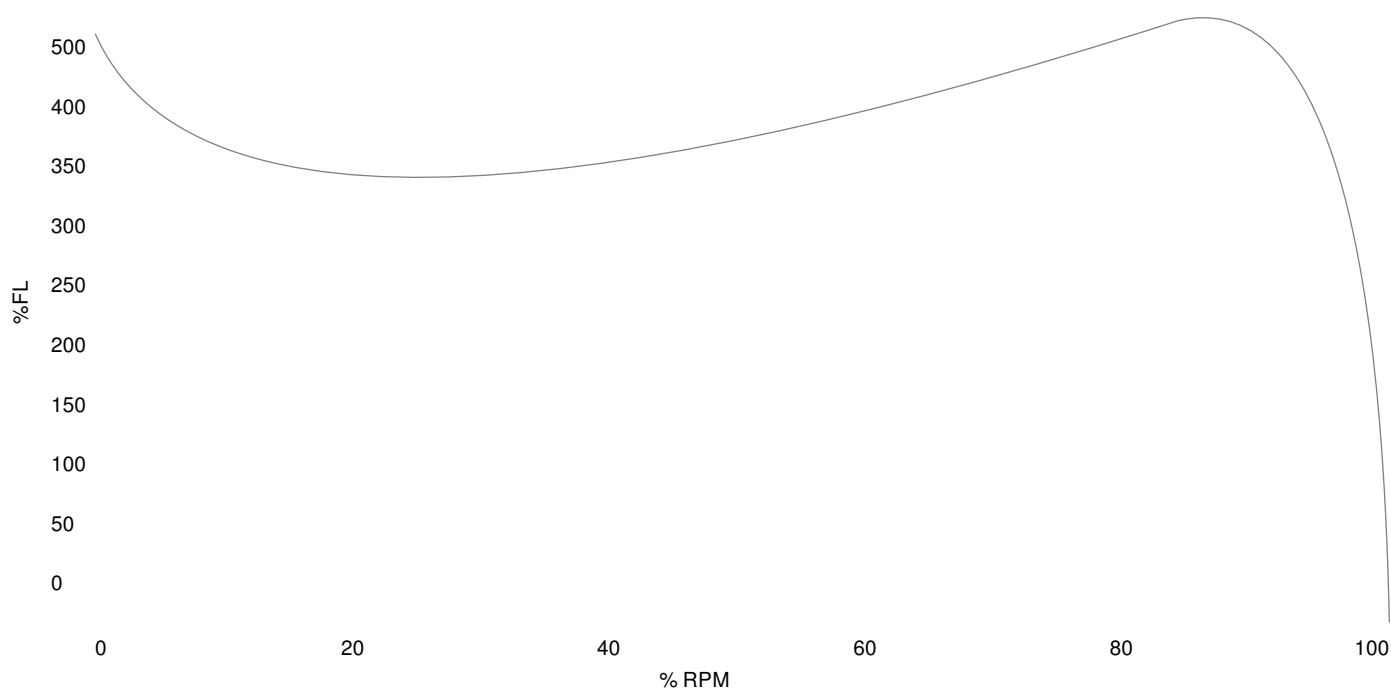
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|----------------------|----------------------------|
| MOTOR MODEL: | BR3-CI-TF-445TC-4-BR-E-150 |
| FACTORY TYPE: | TXC |

NEMA

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 150.0HP, 1780 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 1962.2 | 455.0 | Start Configuration |
| Pull-Up Torque | 983.256 | 228.0 | Starting Current (A) |
| Breakdown Torque | 2005.32 | 465.0 | No-Load Current (A) |
| Full Load | 431.253 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 65.07 | - | - | - | - |
| 25 | 37.5 | 78.63 | 34.53 | 1797.4 | 91.59 | 0.55 |
| 50 | 75.0 | 109.21 | 66.75 | 1794.9 | 94.76 | 0.77 |
| 75 | 112.5 | 146.37 | 99.37 | 1792.3 | 95.48 | 0.85 |
| 100 | 150.0 | 187.92 | 132.44 | 1789.6 | 95.52 | 0.88 |
| 125 | 187.5 | 214.06 | 152.51 | 1787.9 | 95.39 | 0.89 |

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