



NEMA Premium

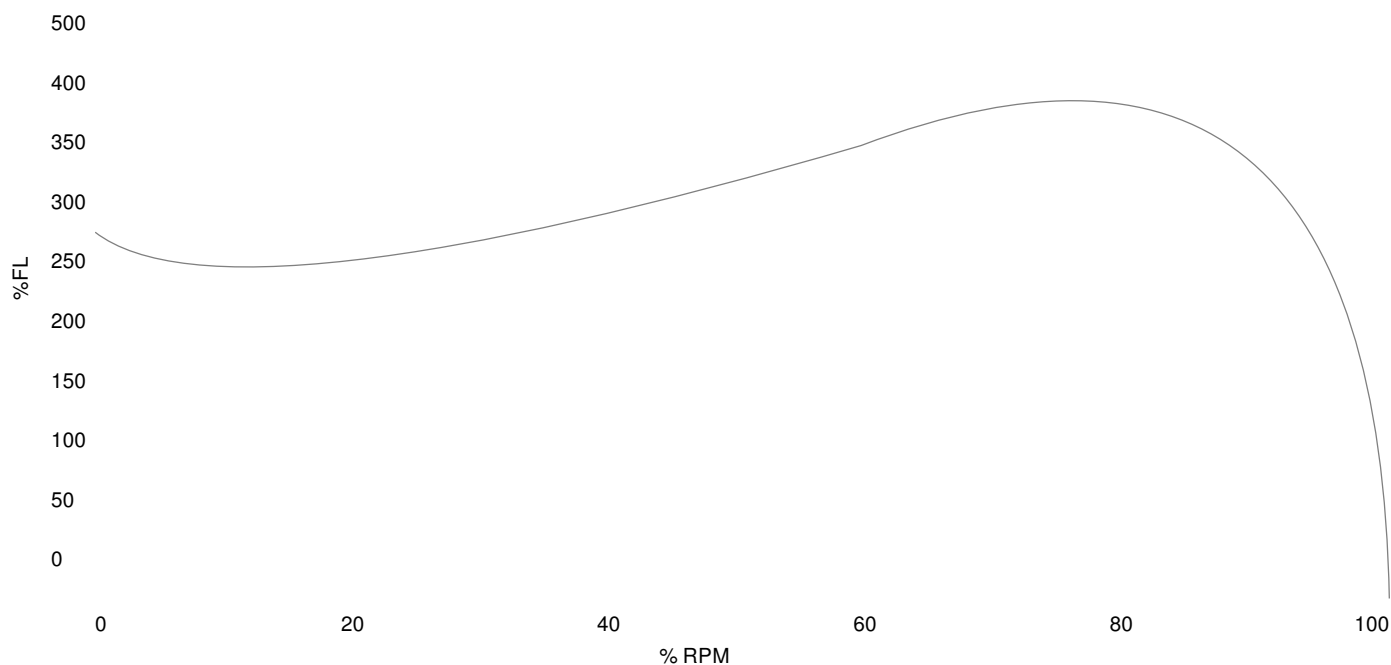
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|----------------------|---------------------------|
| MOTOR MODEL: | BR3-CI-TF-284TC-4-BR-E-25 |
| FACTORY TYPE: | TXC |

NEMA

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 25.0HP, 1770 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 209.565 | 283.0 | Start Configuration |
| Pull-Up Torque | 152.546 | 206.0 | Starting Current (A) |
| Breakdown Torque | 259.179 | 350.0 | No-Load Current (A) |
| Full Load | 74.0512 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 11.63 | - | - | - | - |
| 25 | 6.25 | 11.99 | 5.36 | 1793.7 | 86.79 | 0.56 |
| 50 | 12.5 | 17.43 | 10.15 | 1788.3 | 91.59 | 0.73 |
| 75 | 18.75 | 22.92 | 15.03 | 1782.5 | 92.84 | 0.82 |
| 100 | 25.0 | 28.72 | 19.99 | 1776.1 | 93.05 | 0.87 |
| 125 | 31.25 | 35.08 | 25.06 | 1769.2 | 92.77 | 0.9 |

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