



NEMA Premium

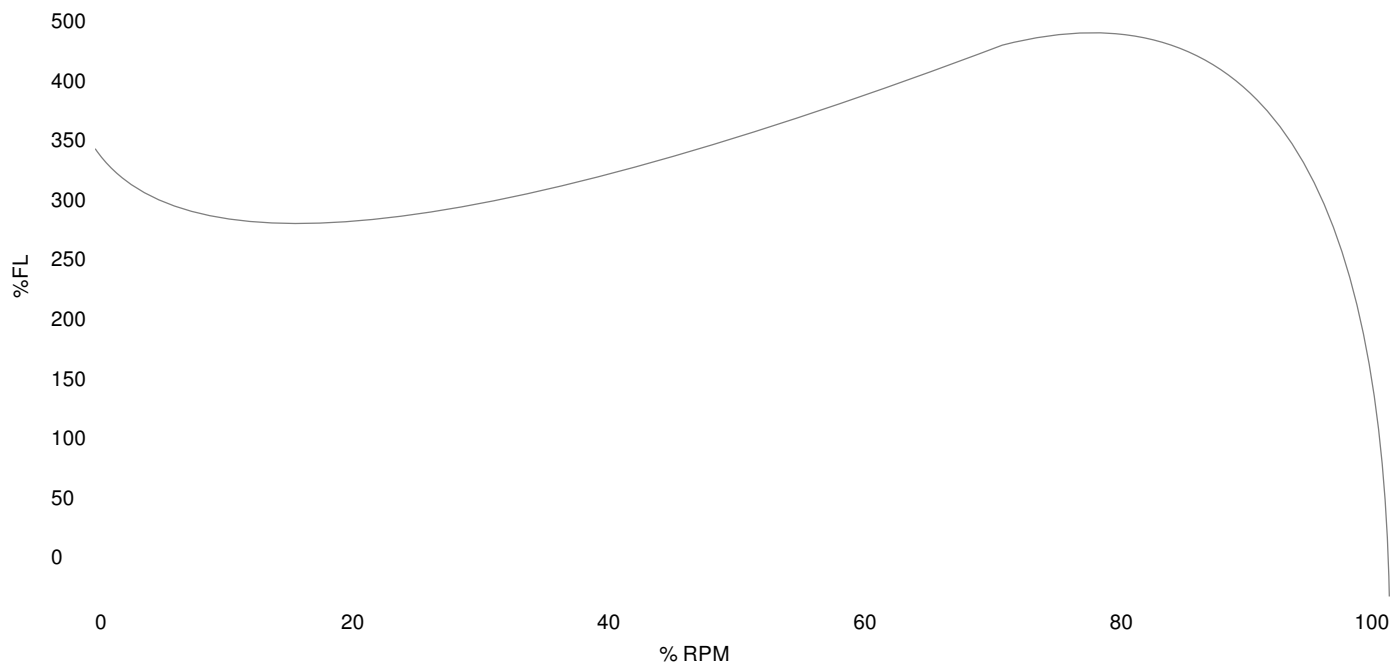
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|----------------------|----------------------------|
| MOTOR MODEL: | BR3-CI-TF-284TSC-2-BR-E-25 |
| FACTORY TYPE: | TXC |

NEMA

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 25.0HP, 3550 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 127.93 | 346.0 | Start Configuration |
| Pull-Up Torque | 73.5782 | 199.0 | Starting Current (A) |
| Breakdown Torque | 157.509 | 426.0 | No-Load Current (A) |
| Full Load | 36.974 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 12.34 | - | - | - | - |
| 25 | 6.25 | 13.71 | 5.6 | 3591.4 | 83.02 | 0.51 |
| 50 | 12.5 | 18.36 | 10.39 | 3582.8 | 89.54 | 0.71 |
| 75 | 18.75 | 23.72 | 15.26 | 3573.7 | 91.42 | 0.81 |
| 100 | 25.0 | 29.67 | 20.23 | 3564.1 | 91.96 | 0.86 |
| 125 | 31.25 | 36.11 | 25.3 | 3554.1 | 91.91 | 0.88 |

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