



NEMA Premium

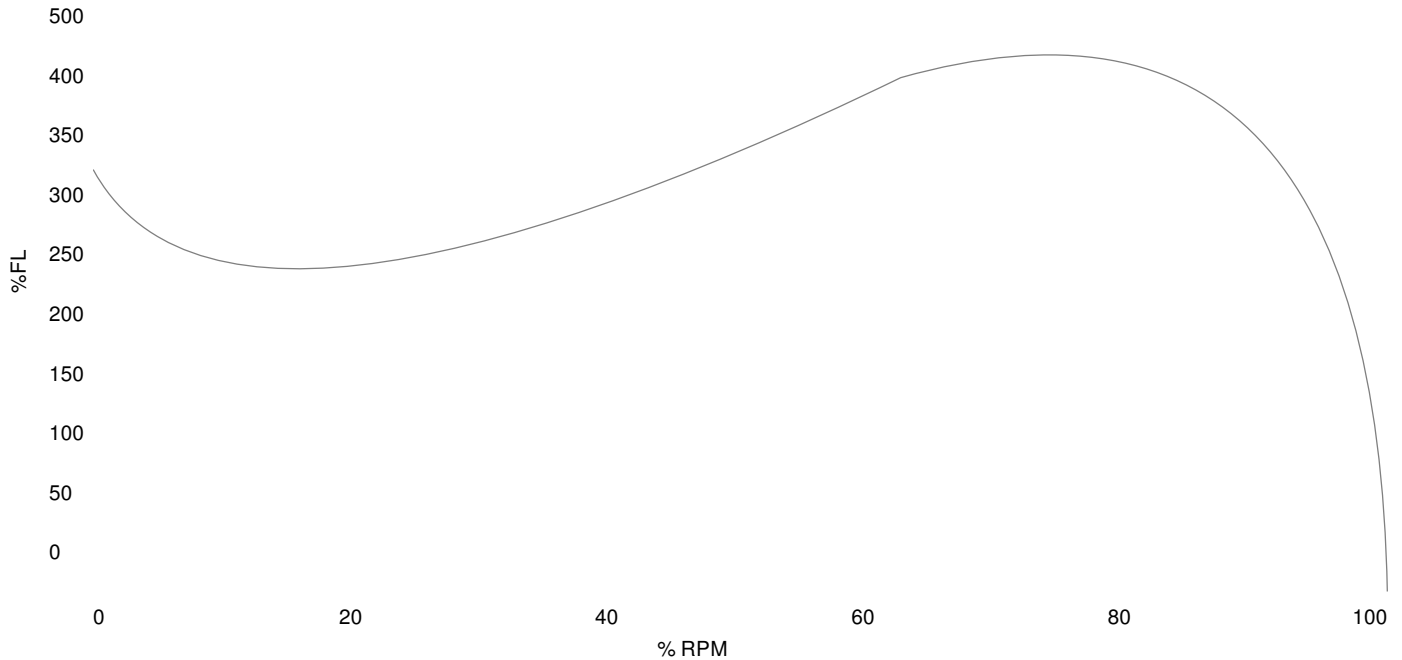
NEMA

| | |
|----------------------|---------------------------|
| MOTOR MODEL: | BR3-CI-TF-284TC-6-BR-E-15 |
| FACTORY TYPE: | TXC |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 15.0HP, 1175 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 220.176 | 326.0 | Start Configuration |
| Pull-Up Torque | 96.5801 | 143.0 | Starting Current (A) |
| Breakdown Torque | 268.128 | 397.0 | No-Load Current (A) |
| Full Load | 67.5386 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 10.91 | - | - | - | - |
| 25 | 3.75 | 11.67 | 3.39 | 1196.6 | 83.41 | 0.36 |
| 50 | 7.5 | 13.71 | 6.3 | 1193.3 | 89.62 | 0.58 |
| 75 | 11.25 | 16.54 | 9.29 | 1189.8 | 91.24 | 0.71 |
| 100 | 15.0 | 19.97 | 12.35 | 1186.0 | 91.52 | 0.78 |
| 125 | 18.75 | 23.86 | 15.49 | 1182.0 | 91.21 | 0.81 |

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