





NEMA Premium

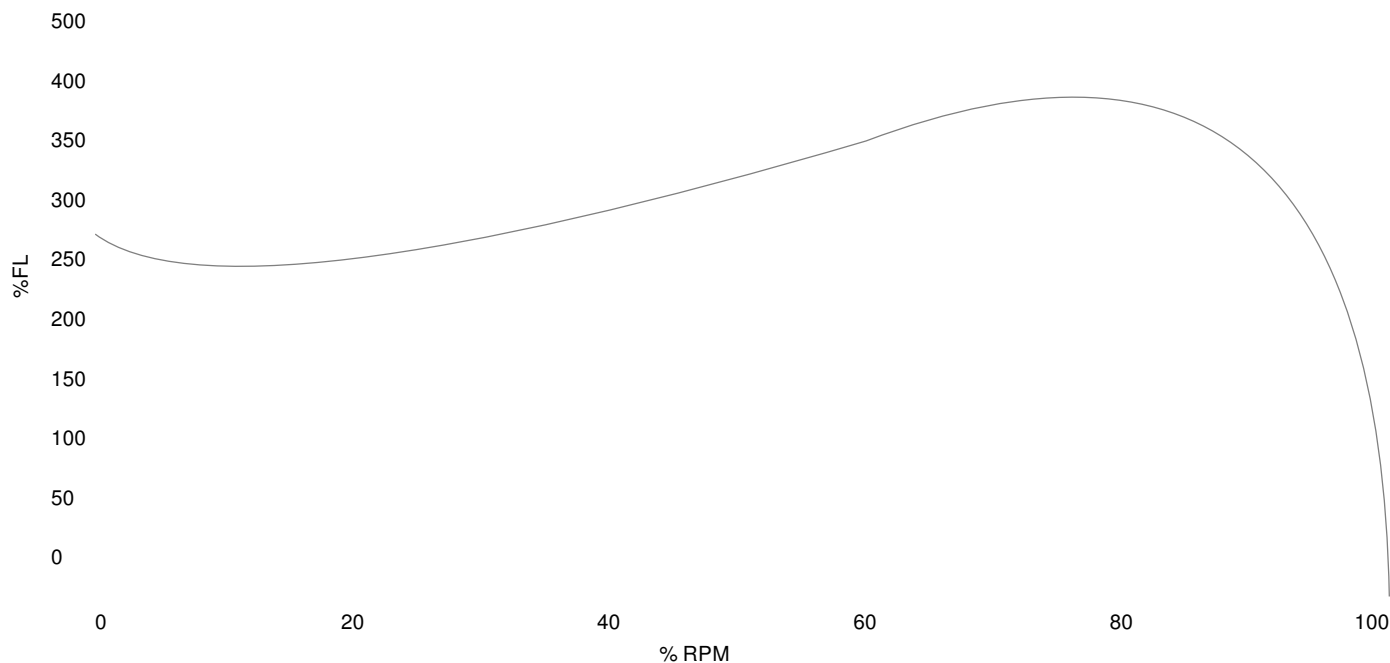
|                      |                           |
|----------------------|---------------------------|
| <b>MOTOR MODEL:</b>  | GR3-CI-TF-256TC-4-BR-D-20 |
| <b>FACTORY TYPE:</b> | TXC                       |

**NEMA**

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 20.0HP, 1760 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values       | Torque lb-ft | % FLT | Performance Values   |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 166.907      | 280.0 | Start Configuration  |
| Pull-Up Torque      | 122.796      | 206.0 | Starting Current (A) |
| Breakdown Torque    | 209.826      | 352.0 | No-Load Current (A)  |
| Full Load           | 59.6098      | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | -          | 8.72          | -                      | -          | -          | -    |
| 25     | 5.0        | 10.25         | 4.28                   | 1793.3     | 87.68      | 0.52 |
| 50     | 10.0       | 13.84         | 8.16                   | 1786.6     | 91.95      | 0.74 |
| 75     | 15.0       | 18.28         | 12.13                  | 1779.4     | 92.77      | 0.83 |
| 100    | 20.0       | 23.35         | 16.2                   | 1771.7     | 92.58      | 0.87 |
| 125    | 25.0       | 28.86         | 20.39                  | 1763.5     | 91.95      | 0.89 |

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