





NEMA Premium

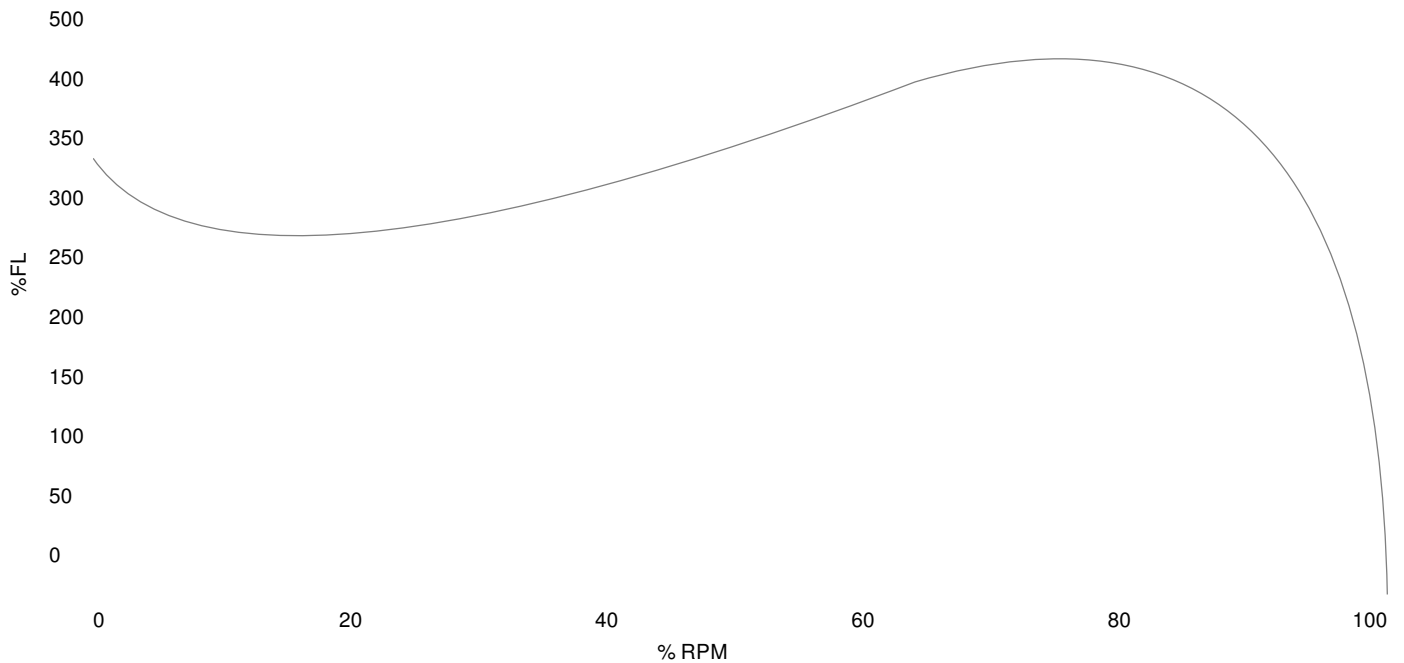
**NEMA**

|                      |                          |
|----------------------|--------------------------|
| <b>MOTOR MODEL:</b>  | GR3-CI-TF-254T-2-BR-D-15 |
| <b>FACTORY TYPE:</b> | TXC                      |

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 15.0HP, 3540 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values       | Torque lb-ft | % FLT | Performance Values   |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 75.0398      | 337.0 | Start Configuration  |
| Pull-Up Torque      | 42.9753      | 193.0 | Starting Current (A) |
| Breakdown Torque    | 88.1773      | 396.0 | No-Load Current (A)  |
| Full Load           | 22.267       | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | -          | 8.01          | -                      | -          | -          | -    |
| 25     | 3.75       | 9.11          | 3.58                   | 3592.6     | 78.93      | 0.49 |
| 50     | 7.5        | 11.59         | 6.49                   | 3585.6     | 87.1       | 0.71 |
| 75     | 11.25      | 14.7          | 9.45                   | 3578.2     | 89.66      | 0.81 |
| 100    | 15.0       | 18.29         | 12.48                  | 3570.4     | 90.53      | 0.86 |
| 125    | 18.75      | 22.21         | 15.58                  | 3562.3     | 90.67      | 0.88 |

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