





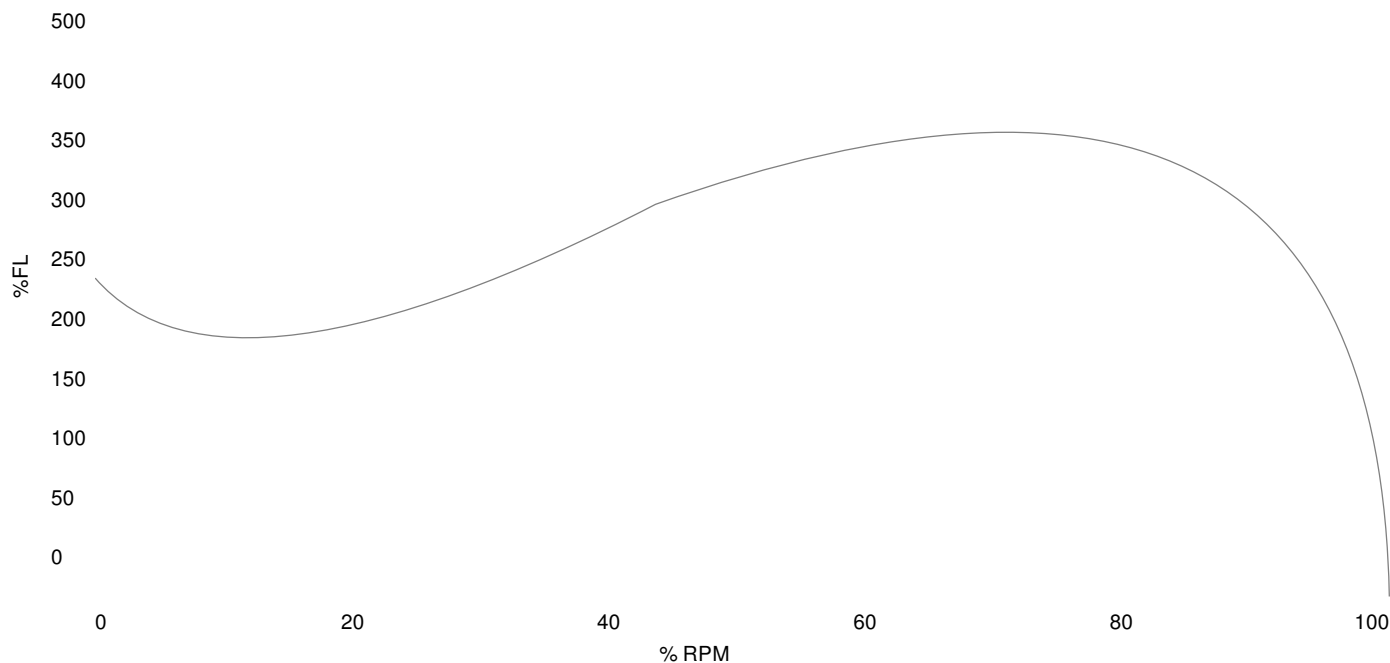
NEMA Premium

**NEMA**

|                      |                           |
|----------------------|---------------------------|
| <b>MOTOR MODEL:</b>  | GR3-CI-TF-254T-6-BR-D-7.5 |
| <b>FACTORY TYPE:</b> | TXC                       |

Premium NEMA Cast Iron, TEFC

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values       | Torque lb-ft | % FLT | Performance Values   |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 83.9161      | 246.0 | Start Configuration  |
| Pull-Up Torque      | 44.687       | 131.0 | Starting Current (A) |
| Breakdown Torque    | 103.36       | 303.0 | No-Load Current (A)  |
| Full Load           | 34.1123      | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | -          | 5.59          | -                      | -          | -          | -    |
| 25     | 1.875      | 5.8           | 1.64                   | 1194.4     | 85.17      | 0.36 |
| 50     | 3.75       | 6.98          | 3.1                    | 1189.7     | 90.32      | 0.56 |
| 75     | 5.625      | 8.49          | 4.59                   | 1184.4     | 91.43      | 0.68 |
| 100    | 7.5        | 10.31         | 6.13                   | 1178.4     | 91.33      | 0.75 |
| 125    | 9.375      | 12.41         | 7.72                   | 1171.8     | 90.64      | 0.78 |

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