





NEMA Premium

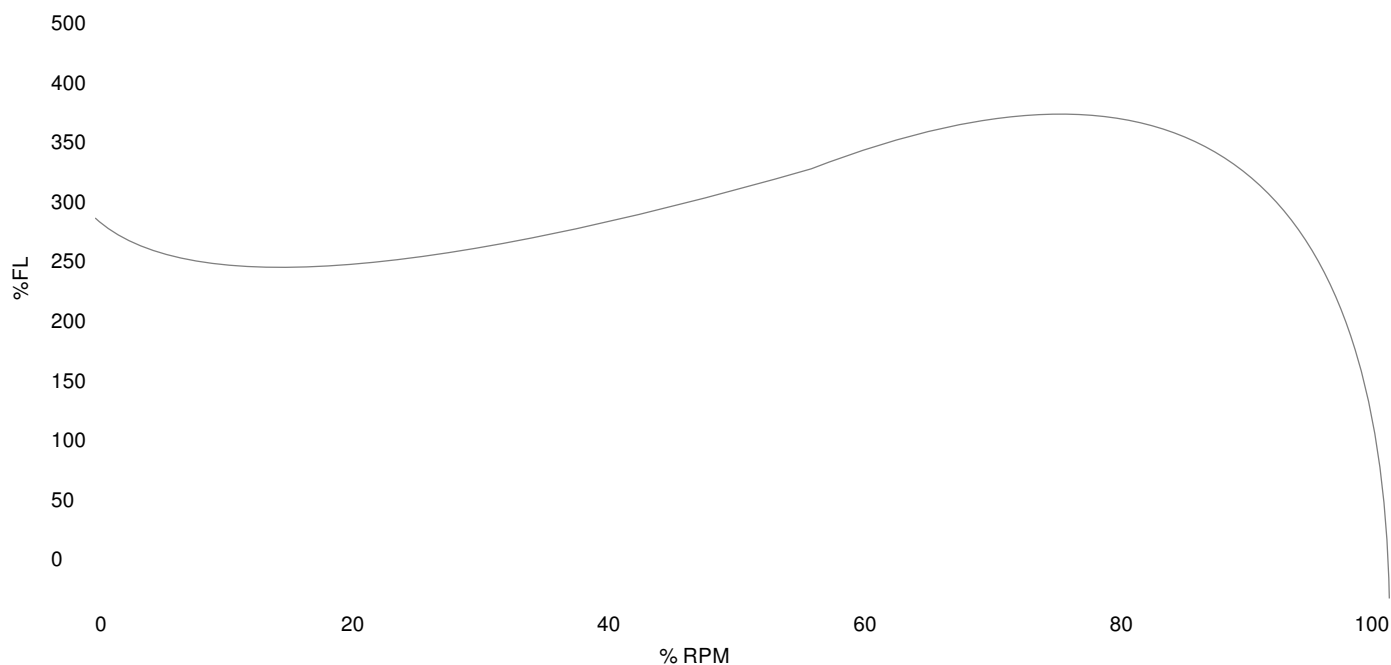
|                      |                        |
|----------------------|------------------------|
| <b>MOTOR MODEL:</b>  | GR3-AL-TF-145T-2-B-D-2 |
| <b>FACTORY TYPE:</b> | TXA                    |

**NEMA**

Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 2.0HP, 3500 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values       | Torque lb-ft | % FLT | Performance Values   |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 8.91226      | 294.0 | Start Configuration  |
| Pull-Up Torque      | 6.12339      | 202.0 | Starting Current (A) |
| Breakdown Torque    | 10.0642      | 332.0 | No-Load Current (A)  |
| Full Load           | 3.03138      | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | -          | 1.29          | -                      | -          | -          | -    |
| 25     | 0.5        | 1.37          | 489.13                 | 3575.5     | 76.67      | 0.45 |
| 50     | 1.0        | 1.67          | 887.26                 | 3554.1     | 84.53      | 0.67 |
| 75     | 1.5        | 2.08          | 1302.5                 | 3529.7     | 86.37      | 0.79 |
| 100    | 2.0        | 2.58          | 1738.8                 | 3502.4     | 86.27      | 0.85 |
| 125    | 2.5        | 3.14          | 2199.9                 | 3472.1     | 85.23      | 0.88 |

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