





NEMA Premium

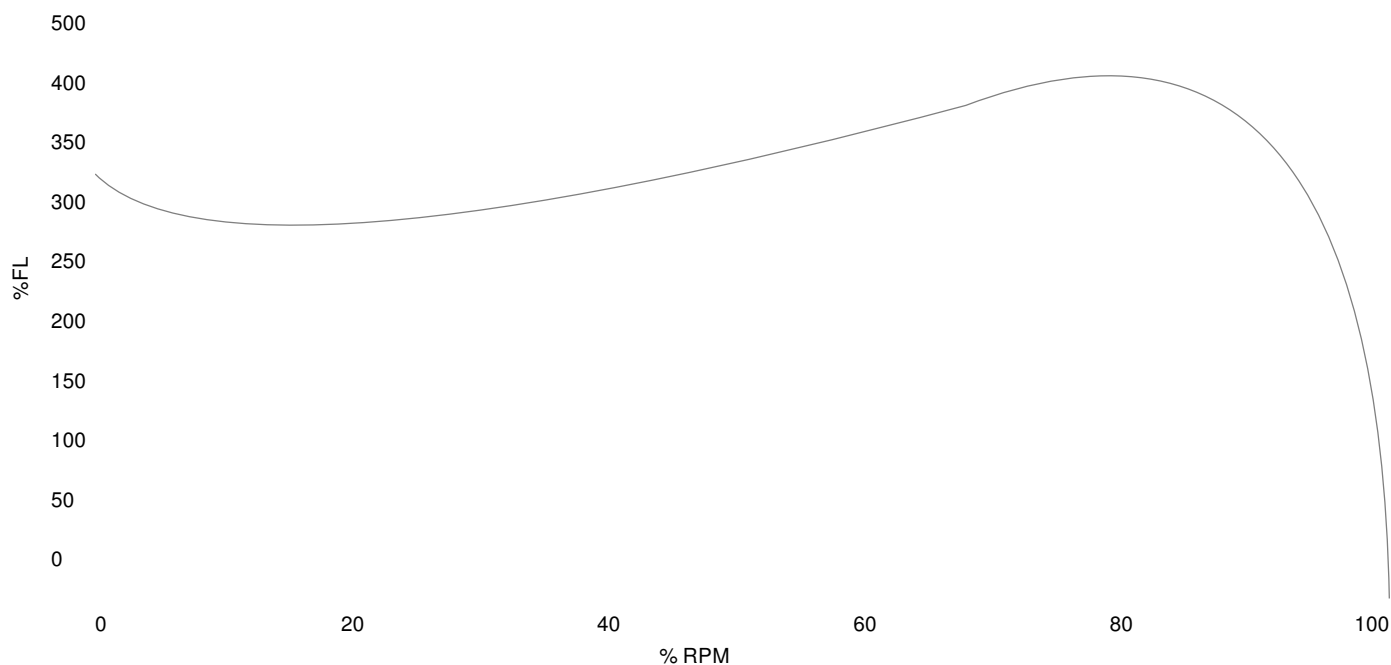
|                      |                           |
|----------------------|---------------------------|
| <b>MOTOR MODEL:</b>  | GR3-AL-TF-143TC-2-B-D-1.5 |
| <b>FACTORY TYPE:</b> | TXA                       |

**NEMA**

## Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 1.5HP, 3500 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values       | Torque lb-ft | % FLT | Performance Values   |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 7.18504      | 328.0 | Start Configuration  |
| Pull-Up Torque      | 4.99448      | 228.0 | Starting Current (A) |
| Breakdown Torque    | 8.34603      | 381.0 | No-Load Current (A)  |
| Full Load           | 2.19056      | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | -          | 1.22          | -                      | -          | -          | -    |
| 25     | 0.375      | 1.27          | 372.11                 | 3576.3     | 73.9       | 0.37 |
| 50     | 0.75       | 1.43          | 661.32                 | 3556.2     | 83.17      | 0.58 |
| 75     | 1.125      | 1.69          | 961.82                 | 3533.7     | 85.78      | 0.72 |
| 100    | 1.5        | 2.01          | 1275.7                 | 3508.7     | 86.23      | 0.8  |
| 125    | 1.875      | 2.39          | 1605.2                 | 3481.3     | 85.66      | 0.84 |

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