





NEMA Premium

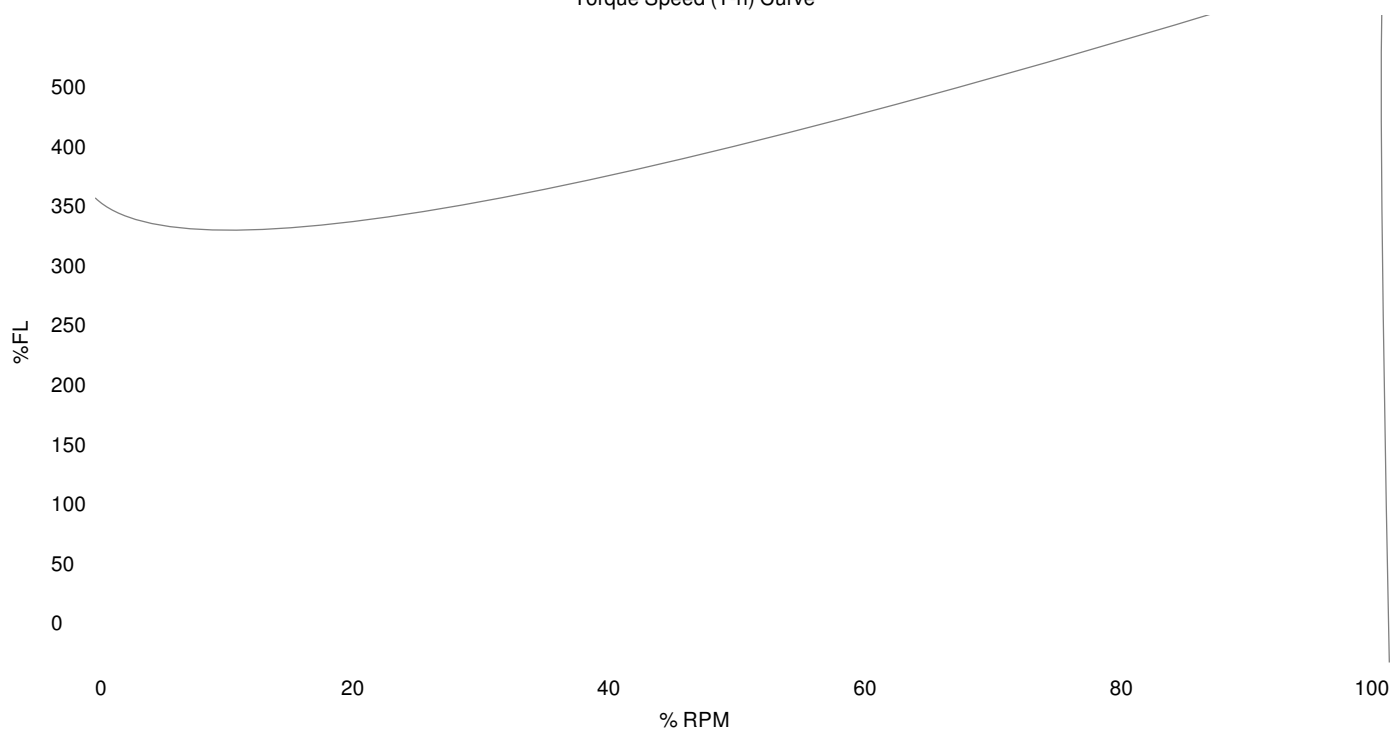
|                      |                            |
|----------------------|----------------------------|
| <b>MOTOR MODEL:</b>  | GR3-CI-TF-445TS-2-BR-F-150 |
| <b>FACTORY TYPE:</b> | TXC                        |

**NEMA**

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 150.0HP, 3575 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values       | Torque lb-ft | % FLT | Performance Values   |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 905.299      | 359.0 | Start Configuration  |
| Pull-Up Torque      | 660.692      | 262.0 | Starting Current (A) |
| Breakdown Torque    | 1366.77      | 542.0 | No-Load Current (A)  |
| Full Load           | 252.173      | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | -          | 46.94         | -                      | -          | -          | -    |
| 25     | 37.5       | 66.5          | 35.33                  | 3595.2     | 91.08      | 0.67 |
| 50     | 75.0       | 101.33        | 68.1                   | 3590.6     | 94.5       | 0.84 |
| 75     | 112.5      | 141.18        | 101.28                 | 3585.8     | 95.31      | 0.9  |
| 100    | 150.0      | 184.27        | 134.9                  | 3580.8     | 95.4       | 0.92 |
| 125    | 187.5      | 210.93        | 155.28                 | 3577.7     | 95.32      | 0.92 |

Techtop Industries  
 2815 Colonnades Court  
 Peachtree Corners, GA 30071  
 Tel: 678-436-5540  
 E-Mail: info@techttopind.com