



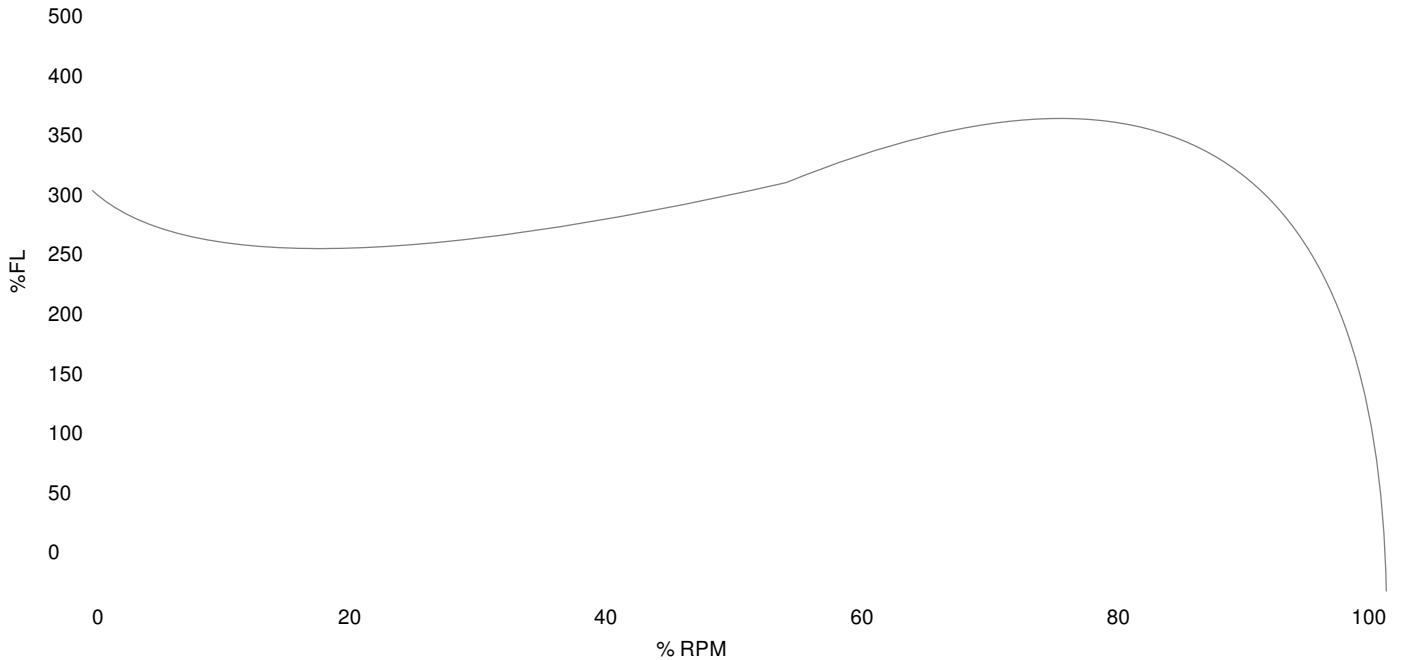
IE3

IEC

| | |
|----------------------|------------------------|
| MOTOR MODEL: | GR3-AL-TF-80B3-2-B-D-1 |
| FACTORY TYPE: | TXA |

IE3 IEC Cast Aluminum, TEFC

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 4.73294 | 310.0 | Start Configuration |
| Pull-Up Torque | 3.31306 | 217.0 | Starting Current (A) |
| Breakdown Torque | 4.82454 | 316.0 | No-Load Current (A) |
| Full Load | 1.52675 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|---------|
| 0 | - | 1.11 | - | - | - | - |
| 25 | 0.25 | 1.103 | 310.6 | 3570.0 | 60.367 | 0.35343 |
| 50 | 0.5 | 1.176 | 510.54 | 3546.6 | 73.452 | 0.54488 |
| 75 | 0.75 | 1.3165 | 722.28 | 3518.9 | 77.878 | 0.6886 |
| 100 | 1.0 | 1.519 | 948.37 | 3487.0 | 79.083 | 0.78361 |
| 125 | 1.25 | 1.7765 | 1191.9 | 3450.7 | 78.656 | 0.84209 |

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