



Pump Motors

NEMA

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| MOTOR MODEL: | GR3-AL-TF-182JP-4-B-D-3 |
| FACTORY TYPE: | TXA |

Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 3.0HP, 1760 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 22.7706 | 259.0 | Start Configuration |
| Pull-Up Torque | - | - | Starting Current (A) |
| Breakdown Torque | 21.8035 | 248.0 | No-Load Current (A) |
| Full Load | 8.79174 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|----|
| 0 | - | 1.95 | - | - | - | - |
| 25 | 0.75 | - | - | - | - | - |
| 50 | 1.5 | - | - | - | - | - |
| 75 | 2.25 | - | - | - | - | - |
| 100 | 3.0 | - | - | - | - | - |
| 125 | 3.75 | - | - | - | - | - |