





NEMA Premium

|                      |                            |
|----------------------|----------------------------|
| <b>MOTOR MODEL:</b>  | BR3-CI-TF-449TC-6-RR-E-200 |
| <b>FACTORY TYPE:</b> | TXC                        |

**NEMA**

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 200.0HP, 1180 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values       | Torque lb-ft | % FLT | Performance Values   |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 2467.2       | 241.0 | Start Configuration  |
| Pull-Up Torque      | -            | -     | Starting Current (A) |
| Breakdown Torque    | 3030.26      | 296.0 | No-Load Current (A)  |
| Full Load           | 1023.74      | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF   |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0      | -          | 86.89         | -                      | -          | -          | -    |
| 25     | 50.0       | 105.68        | 46.68                  | 1197.5     | 92.38      | 0.55 |
| 50     | 100.0      | 150.24        | 90.87                  | 1195.1     | 94.92      | 0.76 |
| 75     | 150.0      | 203.98        | 135.81                 | 1192.3     | 95.26      | 0.84 |
| 100    | 200.0      | 265.03        | 181.63                 | 1189.4     | 94.97      | 0.86 |
| 125    | 250.0      | 304.38        | 209.57                 | 1187.5     | 94.66      | 0.86 |