

Drilling Motor Specification

Model number: **GE752RB3**

Description

GE High-Torque, shunt wound, DC drilling motor for land rig applications.

Type

Horizontal, drip-proof fully guarded, blower ventilated.

Ratings (at 60 field amps)

Maximum Continuous hp: 1130 hp, 5705 ft. lbs., 1185 amps, 750 vdc, and 1040 rpm

Intermittent duty cycle: 1365 hp, 6745 ft. lbs., 1435 amps, 750 vdc, and 1065 rpm
(60 sec. run – 30 sec. rest)

Maximum RPM: 2300

Temperature rating: 155°C rise over 40°C ambient

Features

- Separately excited shunt field.
- Class H insulation.
- Single shaft extension with hub.
- Pressurized connection box mounted on left "A" side of motor as viewed from commutator end, with double bolt-on armature cable connections and terminations for space heater, auxiliary switch, and pressure sensor. Connection box can be specified on right "B" side (must be specified on order).
- Space heater, 240 volts, 185 watts, explosion-proof.
- Auxiliary lockout switch, explosion-proof.
- Pressure sensor, explosion-proof.
- Blower assembly - 10 hp, 460 volt, 60hz, 40°C, motor providing a minimum of 2800 scfm of ventilation.
- Approximate weight: 7200 lb., 3265 kg

