

Drilling Motor Specification

Model number: GE752ARB1

Description

GE High-Torque, series wound, DC drilling motor for marine applications.

Type

Horizontal, drip-proof fully guarded, blower ventilated.

Ratings

Maximum Continuous hp:	1085 hp, 5900 ft. lbs., 1150 amps, 750 vdc, and 965 rpm
Intermittent duty cycle:	1320 hp, 7530 ft. lbs., 1400 amps, 750 vdc, and 920 rpm (60 sec. run – 30 sec. rest)
Maximum RPM:	2300
Temperature rating:	155°C rise over 40°C ambient

Features

- Self excited series 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).
- Two RTD’s, 100-ohm platinum, embedded in 2 commutating coils.
- 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.
- Marine features including ABS certified shaft and armored cable.
- Approximate weight: 7200 lb., 3265 kg

