

5GEB22

AC Drilling Motor

1150 HP (858kW)



Performance ratings

The 5GEB22 AC drilling motor with 3000 SCFM airflow and temperature rise of 110°C at 45°C ambient.

	Continuous Rating	Intermittent Rating
Volts (ac)	600/690	600/690
Current	1120	1380
HP (kW)	1150 (858)	1400 (1044)
Speed @ rated HP	800 to 1800	800 to 1600 RPM
Torque – lb _f -ft (Nm)	7550 (10240)	9200 (12475)
Speed @ rated torque	0 to 800	0 to 800 RPM
Max speed - 3000 RPM		

GE has more than 50 years of experience in the drilling industry, a worldwide service network, thousands of AC/DC drilling motors in service today – built to match the most rugged drilling applications on earth.

Standard Features

- 6-pole stator with FORM WOUND windings
- Copper chromium alloy rotor bars
- Class H insulation, robotically taped, Mica-Kapton system
- 4340 alloy shaft, ABS certified
- Insulated bearing on non-drive end
- Single-shaft extension with hub
- IP56 universal (field convertible from A to B side) connection box with bus bar connections for main cables and terminals for RTDs
- Six (6) RTDs; Two (2) 100 ohm platinum in each stator winding
- Pressure sensor to verify ventilation
- 15 HP (11kW) blower assembly providing 3000 SCFM
- Intake louvers to protect from water ingress
- Space heater – 400 watts (200 watts per each end of motor)
- Dimensionally interchangeable with the GE752

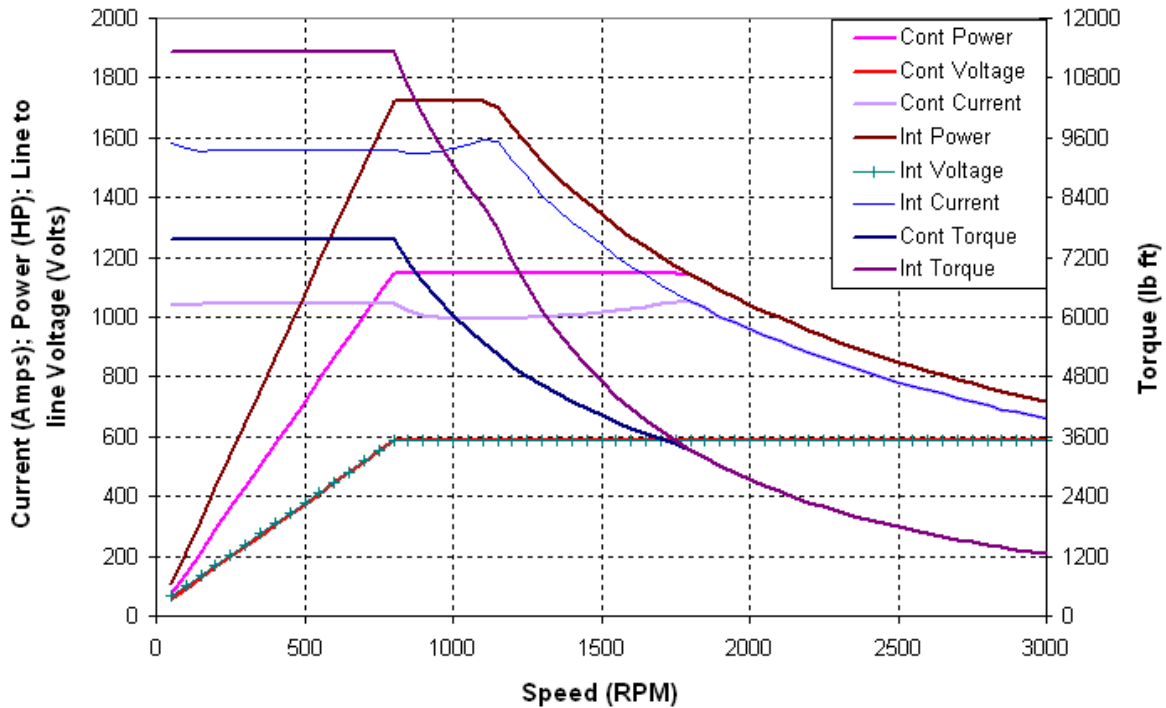
Optional Features

- ATEX certified Ex e II T3,  II 2 G c T3
-  Mark
- ABS and/or DNV certification
- Encoder
- Sound attenuation
- Bearing RTDs
- Totally Enclosed Water to Air cooling (IP56)
- Oversized shaft extension

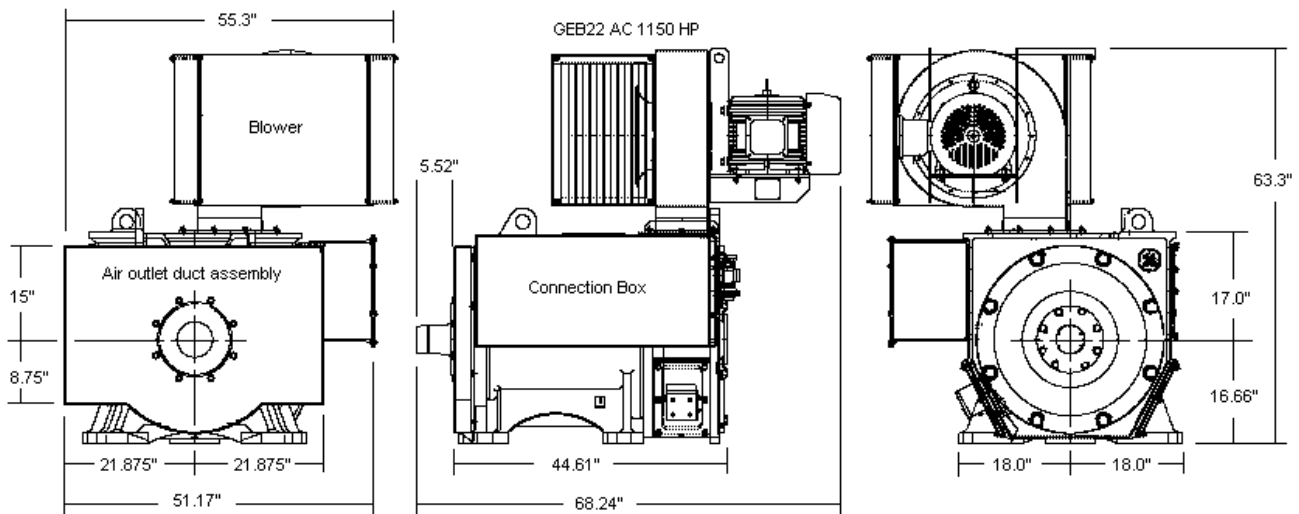


Calculated by
GEMCM

GEB20/22 Performance Curves
Rated & 150% Overload (Intermittent Short-Time Capability)



Approximate Weight: 6500 lbs., 2948 kg.



Dimensions are approximate. Not to be used for construction.



imagination at work

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