

5GEB28 & 29

AC Drilling Motor

1500 HP (1120kW)



Performance ratings

The 5GEB28 & 29 AC drilling motor with 3900 SCFM airflow and temperature rise of 110°C at 45°C ambient.



	Continuous Rating	Drawworks Duty Cycle
Volts (ac)	600	600
Current	1360	1740
HP (kW)	1500 (1120)	1830 (1365)
Speed @ rated power	900 – 1200	800 – 1200 RPM
Torque – lb _r -ft (Nm)	8750 (11865)	12000 (16270)
Speed @ rated torque	0 to 900	0 to 800
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

- 5GEB28 – special bearing design for axial loads
- 5GEB29 – oversized roller bearing and shaft for radial loads
- 6-pole stator with FORM WOUND windings
- Copper chromium alloy rotor bars
- Class H insulation, robotically taped, Mica-Kapton system
- 4340 alloy shaft
- 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
- Winding RTDs, 100 ohm platinum; 2 per phase
- Pressure sensor to verify ventilation
- 20 HP (15 kW) blower assembly providing 3900 scfm
- Intake louvers to protect from water ingress
- Space heater - 400 watts (200 watts per each end of motor)
- IP44 assembly rating
- Same footprint as GE752

Optional features:

- ATEX certified Ex e II T3,  II 2 G c T3
-  Mark
- ABS certification
- ABS certified shaft
- Encoder
- Sound attenuation
- Bearing RTDs
- Totally Enclosed Water to Air cooling (IP56)
- SS connection box

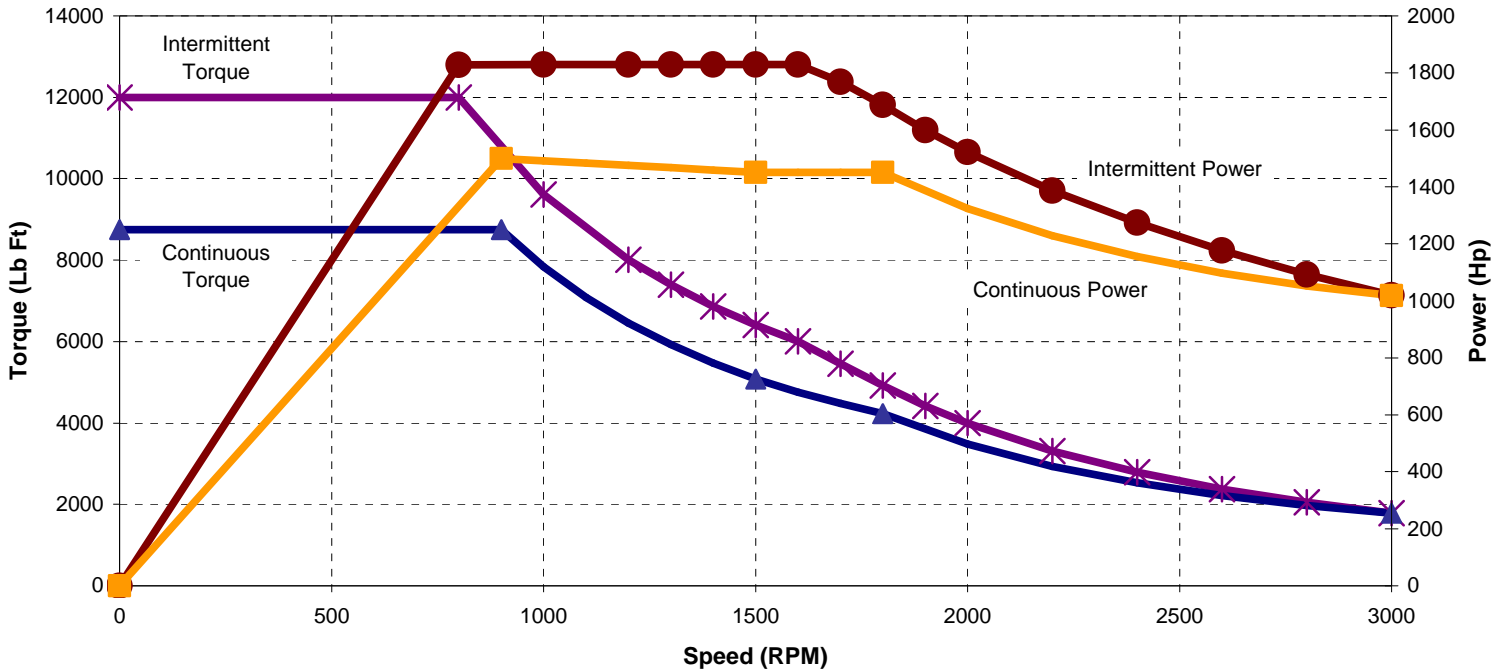


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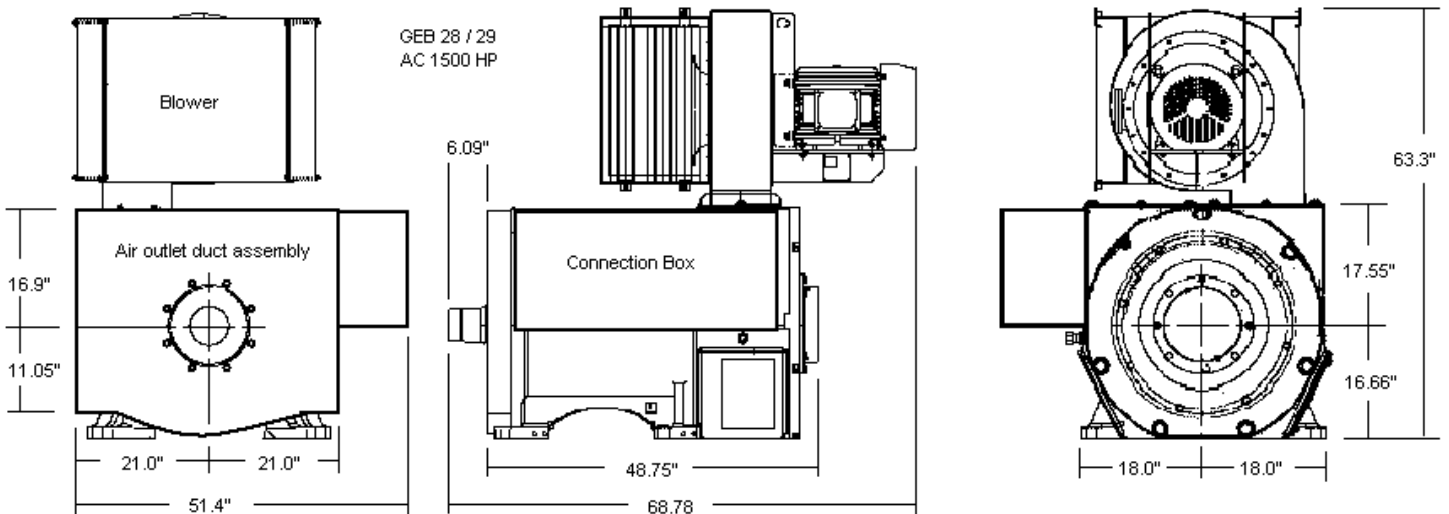


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GEB28 & GEB29 1500 HP (1120 kW) performance curves



Approximate weight: 8550 lbs. (3878 kg.)



Dimensions are approximate. Not to be used for construction.



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To find out more, fax inquiries to 832-295-7600 or visit us online at www.gettransportation.com