

ABB AC Drilling Motors

The Better Alternative for AC Drilling Motors

With over 100 years of experience ABB is one of the oldest and the largest manufacturer of electric machines and drives. ABB has successfully delivered thousands of AC Drive Systems since the early 1970's making it the world's most experienced manufacturer.

The breakthrough for AC drilling motors came in 1994 when ABB installed the world's first AC Drilling Drive in the North Sea. This installation quickly revealed the advantages of AC drilling drives and motors.

The ABB designed AC drilling motors are specifically made to meet the drilling industry's tough demands, both mechanically and electrically. ABB's extensive range of drilling motors ranging from 800hp to 2,000hp covers drawworks, mud pump and top drive applications.

As a GCI customer, you have access to ABB's comprehensive research and development program, which offers the latest technological advancements in motors and drives for the drilling industry. ABB Drilling Motors offer responsive, high-accuracy, speed and torque control. They have excellent dynamic characteristics in the entire range from zero to maximum speed.

ABB's extensive experience and global resources combined with GCI's local service and support makes the GCI/ABB Alliance your preferred AC drilling motor supplier.

If you are looking for an AC Machine or a complete VFD solution GCI is simply the Better Alternative. We bring together world class technology with local service and support.



The Better Alternative for AC Drilling Motors

AMA 423M6



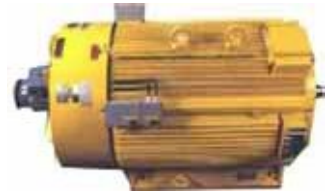
- TEFV, IP56, Insulation class F
- 950 kW [1270HP] @ 810 rpm
- 1400 kW [1870 HP] @ 810 rpm (intermittent)
- Max. speed 2200 rpm
- Noise 78 dB(A)
- Interchangeable with DC drilling motors
- Radial forces up to 27,000lb
- Long life-time shaft and bearings
- EEx e tested and certified acc. to IEC and ATEX
- Available up to 2,000HP (AMA 423L6)



HXR 400LK6



- TEFC, IP56, Insulation class F
- 560 kW [750HP] @ 995 rpm
- 840 kW [1120 HP] @ 996 rpm (intermittent)
- Max. speed 1600 rpm
- Noise 83 dB(A)
- EEx e tested and certified acc. to IEC and ATEX



HXR 450LM8



- TEFC, IP56, Insulation class F
- 820 kW [1100HP] @ 950 rpm
- 1110 kW [1400 HP] @ 820 rpm (intermittent)
- Max. speed 1500 rpm
- Noise 85 dB(A)
- EEx e tested and certified acc. to IEC and ATEX



AMA315L4



- TEFV, IP56, Insulation class F
- 895 kW [1200HP] @ 1750 rpm
- Max. speed 2600 rpm
- Noise ca. 78 dB(A)
- Very slim design, dedicated for top drives
- Vertical mounting
- Accepts high g-forces
- Long life-time shaft and bearings
- EEx e tested and certified acc. to IEC and ATEX



“GCI brings together world class technology with local assembly, service and support.”

GCI (Gulf Coast International) was formed in 2003, through the merger of Gulf Coast Electric and Gulf Coast Brake and Motor. Both companies have successfully served the drilling industry since 1987.

The company is specializing in the supply, upgrade, refurbishment and repair of Drives, Brakes and Control Systems for the drilling industry.

GCI can offer a unique combination of drill rig know-how and Service and Support Capability with an unmatched product offering through our exclusive alliance agreements with ABB, the world's premium supplier of drilling drives and motors.

If you are looking for a New System, Upgrade, Rebuild or Repair, GCI is simply the Better Alternative.

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