

MINExpo 2016

Booth C-8271 highlights

1 Crusher Duty motors

This line of Baldor•Reliance® motors provides industry-leading locked rotor and breakdown torques as well as cast iron designs to minimize vibration and bearing temperatures.

2 Services

In order to minimize downtime, extend equipment life and optimize process performance, we've created a range of service solutions including rapid response, lifecycle management, operational efficiency and performance improvement.

3 Passport

This selection program for Baldor•Dodge® mechanical power transmission products quickly guides users through product selection using real time availability and add-to-order capability, increasing user productivity and operational efficiency.

4 MagnaGear XTR®

These Baldor•Dodge reducers, which provide maximum reliability in tough applications, are available in both parallel and right angle configurations with torque ratings from 100,000 to 2,100,000 lb.-in. They are designed to meet or exceed AGMA and international standards for global use.

5 HES880 drive

With high vibration tolerance, HES880 drives offer rugged, reliable performance while controlling electric motors in the heavy, hybrid electric vehicles found in mining applications. Key features include protection class IP67, wide ambient temperature range, and liquid cooling.

6 ACS880 industrial drive

Enabling uncompromised productivity for your business, our all-compatible ACS880 industrial drives are designed to tackle any motor-driven application in any industry. This NEMA 3R rated unit protects against falling rain, sleet, snow and external ice formation.

7 Flameproof IEC motors

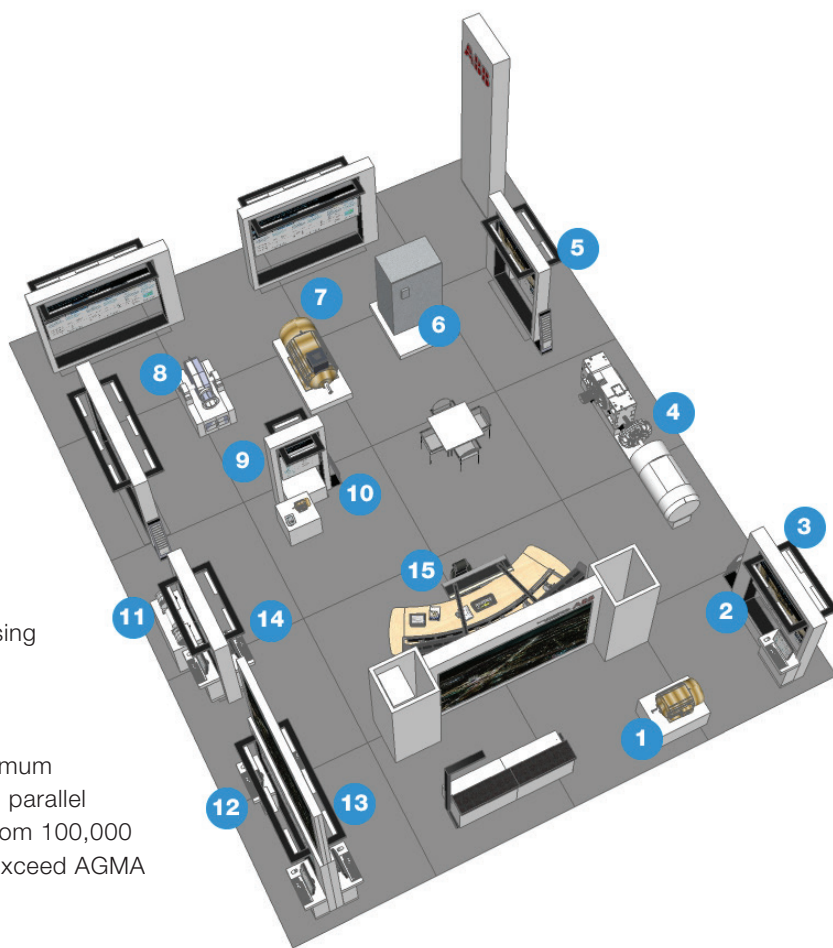
ABB offers a full range of highly efficient IECEx/ATEX certified low voltage flameproof motors. Flameproof motors are designed to be used in locations susceptible for presence of flammable gases. They can withstand the pressure caused by an internal explosion of the flammable gas and also prevent flame propagation outside of the motor.

8 Motorized Torque-Arm II reducers

This line of Baldor•Dodge reducers, available in ratings from 3 hp to 100 hp, features rugged, high efficiency case carburized helical/bevel gearing, premium oil, and tapered roller bearings on all shafts. The heavy duty AGMA-rated design offers reduced installation time, guarding costs and maintenance, resulting in improved operator efficiency and productivity.

9 Mounted bearings

We are pleased to offer a wide range of Baldor•Dodge mounted bearings that are uniquely engineered to provide reliable performance in the harshest environments. Our bearings offer innovative designs and a variety of shaft attachment methods, rolling elements, housings and seal choices.



MINExpo 2016

Booth C-8271 highlights

10 Smart Sensor for low voltage motors

This new condition monitoring technology transforms simple motors into intelligent machines that tell users when they need servicing through operating and condition parameters such as vibration and temperature.

11 Gearless conveyor drive

This new permanent magnet solution, designed specifically for medium powered conveyors, provides high torque, reduced mechanical stress and fewer restarts.

12 Open-pit and underground mining solutions

We offer integrated automation and electrification solutions for both open-pit and underground mining including systems and products proven to withstand extreme conditions and delivering top productivity, safety and reliability.

13 Grinding technology and Integration expertise

In order to take you to the next level of mining, we offer grinding technology for highest availability, reliability and maximum productivity as well as integrated plant solutions that cover the complete value-chain, from your mine to the product you market.

14 SmartVentilation and Mine Location Intelligence™

Safety, productivity and energy efficiency in underground mines is improved with software that tells you where your people are at all times and provides them with a healthy working environment.

15 Extended Operator Workstation

ABB's Extended Operator Workplace (EOW) facilitates faster decision-making and generates measurable improvements in productivity, safety, and job satisfaction by addressing the user ergonomic needs. Visitors will be familiarized with the EOW environment, including ABB's leading DCS 800xA, customized with mining applications depicting its power as leading IT/OT integration platform. The system shows seamlessly integrated workflows in the areas of minerals processing and material tracking, asset monitoring and asset maintenance, integrated mine operations and mine location intelligence, among others. Systems on display include **MineScape**, a suite of integrated solutions for geologic modeling and mine design functionality, and **MineMarket**, a single solution which maximizes commercial outcomes by optimizing logistics, charting the impact of sales and tracking and identifying operational bottlenecks

