



**60**  
YEARS

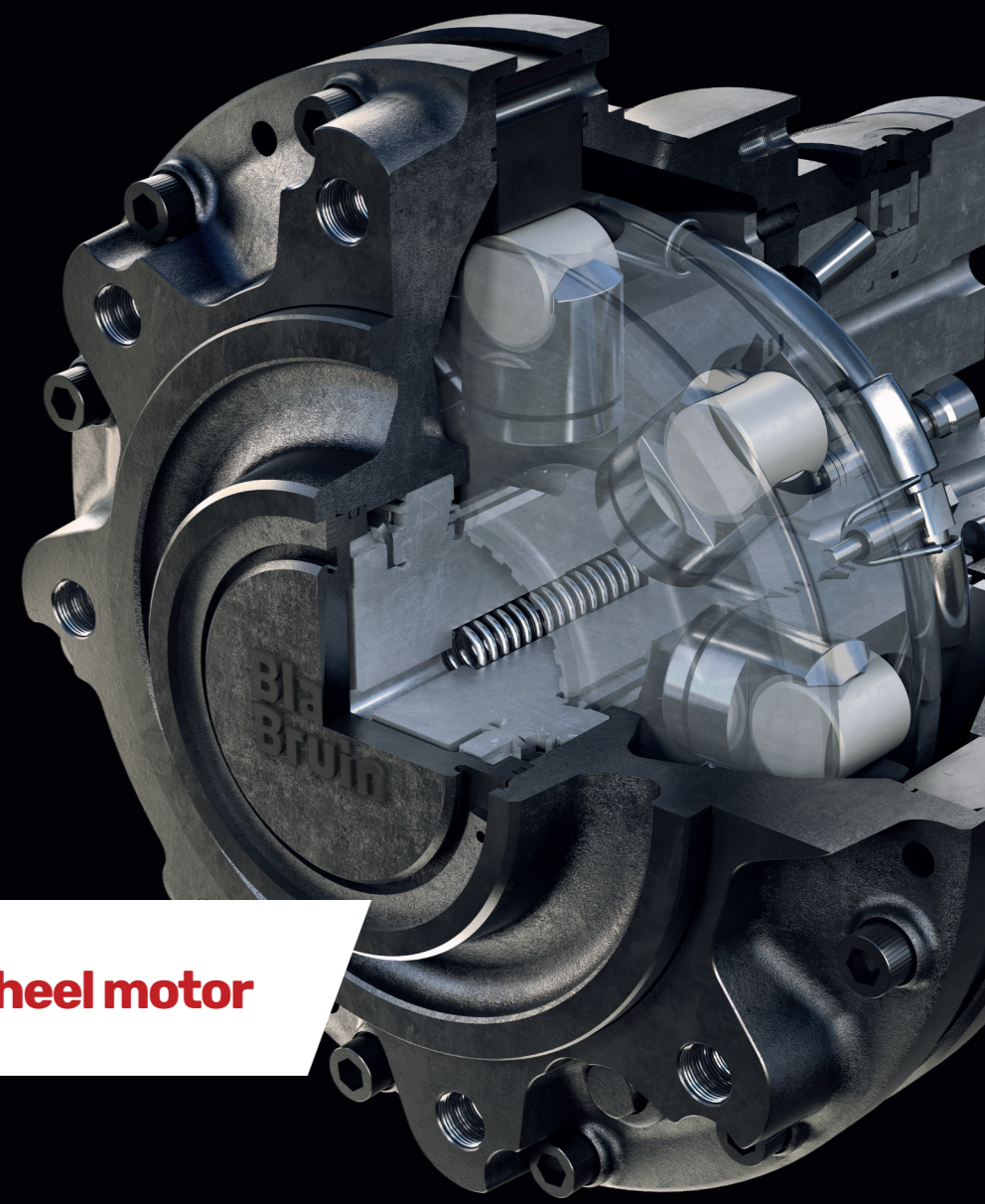
HYDRAULIC MOTOR  
PRODUCTION IN FINLAND

More information and technical details:



wheel-motor-en-rev-a

**Black  
Bruin**



The only true **wheel motor**

## The only true wheel motor

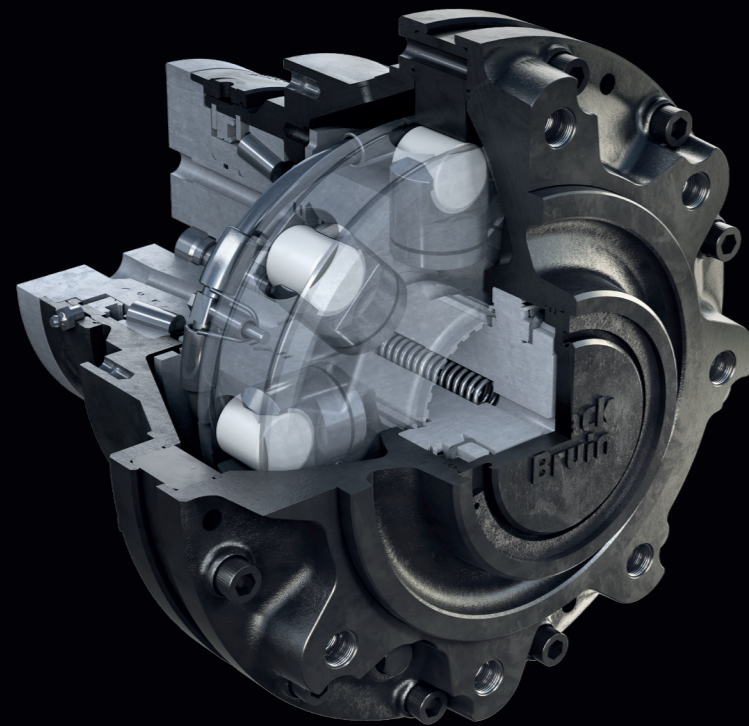
For applications where compactness combined with high efficiency are crucial, the original Black Bruin motor design with rotating case is the optimal choice. Not only you can fit the motors to places you thought were impossible, these strong performing hydraulic direct drives eliminate the need of a gearbox. The bi-directional multi-speed function combined with 4-speed technology is ideal for applications that require high speeds, and the speed range can be changed on the fly without stopping the motor. Black Bruin's motor series are available with a comprehensive selection of service, parking and emergency brakes.

**1** Rotating case instead of a rotating shaft, making unique mechanical freewheeling possible

**2** Easy to install in the application, the motor uses the space in the rim, drum or drive wheel

**3** Protected seals for use in harsh environmental conditions

**4** Freewheeling or 2-speed valve and preparation for tire pressure control can be integrated



## C200-series **NEW**

The new C200-series motors are designed to deliver optimal power and efficiency e.g. for full hydrostatic transmission on mobile machinery. Whether it's agricultural or forestry machinery, construction equipment or heavy-duty mining applications.

C200-series motors transmit between 32 and 90 kW of power and 22.5 kNm of torque. The displacements range from 462 to 3150 ccm with load carrying capacities between 75 and 175 kN.

### OPTIONS

- 1-speed and bidirectional 2- or 4-speed function
- Mechanical freewheeling
- Low-pressure spring applied hydraulic release multi-disc brakes (LP-SAHR), dynamic hydraulic applied spring release multi-disc brakes (HASR) or caliper disc brakes
- Speed sensor



## B200-series

B200-series wheel motors are designed to generate tractive power on tractor-driven trailers and implements. Due to their unique freewheeling technology, the motor can freewheel without active hydraulics and work as a conventional wheel hub.

B200-series motors transmit between 35 and 130 kW of power and up to 45 kNm of torque. Displacements range from 500 to 6300 ccm with load carrying capacity between 50 and 280 kN.

B200-series wheel motors are also available as part of drive axles sold by our partners.

### OPTIONS

- 1- or 2-speed function
- In-built-freewheeling valve, **NEW: also available for B270**
- Certified drum brakes and caliper disc brakes
- **NEW: Speed sensor with direction and motion detection, also in combination with drum and caliper disc brake**

