

# Black Bruin



## **B100-series**

Hydraulic direct drives for shredding systems



## COMPACT HYDRAULIC DIRECT DRIVES WITH ROTATING CASE

For shredding systems where compactness combined to high efficiency are the key factors, the Black Bruin motor design with rotating case is the most efficient choice, offering process reliability and high uptime in these applications.

The design offers the following advantages over the competition:

- ✓ Fits neatly into the structure, e.g. into the drum – Easy installation and design freedom
- ✓ Long distance between the main bearings – High load capacity with extended bearing life
- ✓ Well-sealed structure – No harmful particles into the system

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. With bi-directional multi-speed function these motors offer optimum torque in applications demanding constant direction changes and variable loading.

Technical data	B150	B160	B170
Displacement [ccm]	1000 / 1250 / 1600	2000 / 2500 / 3150	4000 / 5000 / 6300
Max. torque [Nm]	5570 / 6960 / 8910	14300 / 17900 / 22600	28600 / 35800 / 45100
Max. operating power [kW]	50	90	130
Max. working pressure [bar]	350	450	450