Sampo Hydraulics Ltd. has developed a new rotating shaft series of motors to accompany the traditional rotating case Black Bruins. At 500 kW, the robust S SERIES is the most powerful Black Bruin to date. Hollow or solid shaft construction, axial and radial load carrying capacity and shift on the fly multi-speed function makes the S SERIES an excellent choice for various applications.

**FEATURES**
- heavy duty design for continuous high power
- tapered roller bearings to take axial and radial loads
- wide speed range, up to 180 rpm

**BENEFITS**
- multi-speed function with shift on the fly
- modular from single to triple row cylinder block design
- backed by over 50 years experience in the most demanding applications

**APPLICATIONS**
- augers
- drills
- conveyors
- crushers
- winches

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**MAX. OUTPUT POWER**

| 1-row motor | 4400 / 6300 ccm |
| 2-row motor | 8800 / 10000 / 12600 ccm |
| 3-row motor | 15000 / 18900 ccm |

**MAX. THEORETICAL TORQUE**

| 111 300 Nm |

**MAX. ROTATING SPEED**

| 180 rpm |

**MAX. WORKING PRESSURE**

| 450 bar |

**MAX. BRAKE TORQUE**

| 95 000 Nm |

**BRake TYPE**

- Spring-operated wet multi-disc holding brake

**2-SPEED FUNCTION**

- for 2- and 3-row motors

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**SHAFT AND SPLINE TYPES**

- Hollow shaft / Internal splines
- Through shaft / Internal splines
- Through shaft / External splines
- Solid shaft / External splines

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* motor with brake

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No power like it.
Sampo Hydraulics Ltd. is one of the world’s leading suppliers of radial piston hydraulic motors and rotators. Our trade mark Black Bruin offers a high quality solution for agriculture, construction and mining, road building and forestry equipment applications. As an international operator located in Jyväskylä, Central Finland, we employ more than 100 fully trained professionals and have a distribution network which covers over 25 countries.