



NORTH AMERICAN HYDRAULICS



S-Series



**Black
Bruin**

No power like it.

Motors • Pumps • Gearboxes • Valves • Controls • Power Units

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225-751-0500

No power like it.

New S Series from Black Bruin

Sampo Hydraulics Ltd. has developed a **new rotating shaft series of motors** to accompany the traditional rotating house 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.



■ For augers, drills, conveyors, crushers, winches, etc.



Benefits of the Black Bruin® S Series

- Heavy Duty design for continuous high power
- Tapered roller bearings to take axial and radial loads
- Wide speed range, up to 180 rpm

Features of the Black Bruin® S Series

- Multi-speed function with shift on the fly
- Expandable from single row up to triple row cylinder block design
- Backed by over 50 years experience in the most demanding applications

CYLINDER BLOCK	DISPLACEMENT (ccm)	MAX. SPEED (rpm)		MAX. POWER (kW)		MAX. PRESSURE (bar)		MAX. TORQUE (Nm)		WEIGHT (kg)
		Working	1/2 displacement	Working	1/2 displacement	Peak	Intermittent*	Peak	Intermittent*	
Single row	4000	180	180	175	115	450	400	26365	23435	435
	5000							32955	29295	
	6300							41520	36910	
Double row	8000	140	140	350	235	450	400	52725	46865	545
	10000							65910	58585	
	12600							83045	73815	
Triple row	15000	75	75	500	335	450	400	98800	87850	655
	18900							102000	96800	

* Intermittent operation: Permissible values for max. 10% of every minute.

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