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## Low speed, high torque hydraulic motors and accessories

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### Press Release

New Product

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## White Hydraulics, Inc. Introduces the New SB Series Brake!



Hopkinsville, KY — White Hydraulics, Inc. is pleased to announce the release of its new SB Series Brake. Following successful completion of Beta-site and in-house qualification testing, the SB Series brake is now available for production to the global market.

Unlike conventional brakes offered today, the package size of the SB Series is extremely compact. With an overall diameter of less than 137mm [5.4 in] the SB Series performs with a load-holding capacity in excess of 620 Nm [5500 lb-in]. Pound for pound, the SB Series is the highest performing package in its class. The SB is performance-matched to fit small frame SAE A mount LSHT motors including the White RS Series, as well as, a substantial portion of the White RE and HB motor range.

The SB Series is a spring-applied / pressure-release (SAPR) wet multiple-disc brake. It is designed for applications requiring static load-holding capability. The brake interface accepts 2-bolt SAE A size motor inputs, as well as, metric mounts with a wide-variety of input and output shaft options. Input shaft options include 25mm keyed and 1" 6B spline. Both 2-bolt and 4-bolt output mounting options are available and output shaft options include 1" keyed, 25mm keyed, 32mm keyed, and 1" 6B spline.

Typical applications include truck-mounted cranes, winches, aerial boom lifts, marine winches, recycling equipment, drill-rigs, and specialty attachments.

## FEATURES

- **All wear components are fully immersed in fluid (wet multi-disc design)**
- **Performance-matched to fit small-frame motors with SAE A mount**
- **Release pressure independent of motor pressure**
- **Maximum release pressure up to 3,625 PSI (250 bar)**
- **Brake directly coupled to the output shaft**
- **Wide-variety of input and output shaft options**
- **Environmentally sealed / factory prefilled with oil**

## BENEFITS

- **Proven, Quiet, Trouble-Free Operation**
- **Compact, Cost-Effective Package**
- **Simplifies System Circuits - Eliminates Need for Pressure-Reducing Valve**
- **Series Operating Capability**
- **Reliable Performance - Fewer Critical Components**
- **Design Flexibility**
- **Global Interchangeability**
- **Suited for "Stand Alone" Brake Applications**
- **Ease of Installation**

### **About White Hydraulics, Inc.**

Founded in 1977, White Hydraulics is the world's largest independent manufacturer of low speed high torque hydraulics motors. Complimentary products include brakes, flow dividers, variable displacement piston pumps and accessories. Product, service and support are available worldwide through our facilities located in North America, Europe and Asia and our global network of over 170 distributors.

For information on this and other products visit our website at [www.whitehydraulics.com](http://www.whitehydraulics.com)

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