



Superior Braking Solutions

WIND, MARINE, CRANES, HYDRO TIDAL,
OIL AND GAS, MINING...



SVENDBORG BRAKES™

SUPERIOR BRAKING SOLUTIONS

WAY BEYOND PRODUCTS

Svendborg Brakes, part of Regal Rexnord, is the innovator of **industrial** brake configurations and pioneers within hydraulic **braking** systems, connectivity solutions, **power transmission** and **motion control** products.

Craftsmanship and **innovation** excellence since **1884**.

Hydraulic Brakes

Hydraulic Power Units

Brake Pads

Braking Controls

Rotor Locks

Cooling Systems

Brake Discs

Connectivity

Genuine Parts

Service Tools

Service Support

STANDARD FAIL-SAFE BRAKES

SPRING APPLIED / HYDRAULIC RELEASED

BSFI 100 Mono Spring

Clamping force: 0 to 3.000 N
Brake pad distance (w):=0,046m
Weight: 7kg



Key Markets: Renewable Energy, Cranes

BSFI 200 Dual Spring

Clamping force: 0 to 12.000 N
Brake pad distance (w): = 0,07m
Weight: 19kg



BSFI 200 Mono Spring

Clamping force: 0 to 12.000 N
Brake pad distance (w): = 0,07m
Weight: 19kg



Key Markets: Renewable Energy, Mining & Aggregate, Crane & Hoist, Elevators & People Movers, Power Generation

BSFI 300 Dual Spring E-version

Clamping force: 0 to 60.000 N
Brake pad distance (w): = 0,13m
Weight: 65kg



BSFI 300 Mono Spring E-version

Clamping force: 0 to 60.000 N
Brake pad distance (w): = 0,13m
Weight: 85kg



Key Markets: Renewable Energy, Mining & Aggregate, Oil & Gas, Crane & Hoist, Marine, Metals Market, Elevators & People Movers, Power Generation, Water & Wastewater

BSFI 300 Dual Spring EE-version

Clamping force: 0 to 60.000 N
Brake pad distance (w): = 0,13m
Weight: 70kg



BSFI 300 Mono Spring EE-version

Clamping force: 0 to 60.000 N
Brake pad distance (w): = 0,13m
Weight: 85kg



Key Markets: Renewable Energy, Mining & Aggregate, Oil & Gas, Crane & Hoist, Marine, Metals Market, Elevators & People Movers, Power Generation, Water & Wastewater

BSFI 3000 Dual Spring

Clamping force: 0 to 120.000 N
Brake pad distance (w):= 0,20m
Weight: 150kg



BSFI 3000 Mono Spring

Clamping force: 0 to 120.000 N
Brake pad distance (w):= 0,20m
Weight: 180kg



Key Markets: Renewable Energy, Mining & Aggregate, Oil & Gas, Crane & Hoist, Marine, Metals Market, Elevators & People Movers, Power Generation

BSFG 400 Dual Spring

Clamping force: 0 to 120.000 N
Brake pad distance (w): = 0,22m
Weight: 250k



Available as Dual-Spring only. Mechanically engineered and certified to comply with the strict mine regulations in various locations. Specially designed for mine hoists applications.

Key Markets: Mining & Aggregate

STANDARD FAIL-SAFE BRAKES

SPRING APPLIED / HYDRAULIC RELEASED

BSFH 500 Dual Spring

Clamping force: 0 to 200.000 N
Brake pad distance (w): = 0,22m
Weight: 300kg



BSFH 500 Mono Spring

Clamping force: 0 to 200.000 N
Brake pad distance (w): = 0,22m
Weight: 480kg



Key Markets: Mining & Aggregate, Oil & Gas, Crane & Hoist, Marine, Metals Market, Elevators & People Movers, Power Generation

BSFK 500 Dual Spring

Clamping force: 0 to 350.000 N
Brake pad distance (w): = 0,23m
Weight: 330kg



BSFK 500 Mono Spring

Clamping force: 0 to 350.000 N
Brake pad distance (w): = 0,23m
Weight: 550kg



Key Markets: Mining & Aggregate, Oil & Gas, Crane & Hoist, Marine

BSFB 600 Dual Spring

Clamping force: 0 to 500.000 N
Brake pad distance (w): = 0,30m
Weight: 750kg



BSFB 600 Mono Spring

Clamping force: 0 to 400.000 N
Brake pad distance (w): = 0,30m
Weight: 840kg



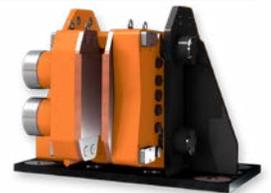
Key Markets: Mining & Aggregate, Oil & Gas, Crane & Hoist, Marine

BSFA 1000 Mono Spring

Clamping force: 0 to 1.100.000 N
Brake pad distance (w): = 0,30m
Weight: 1450kg-1600kg

The BSFA 1000 MS Brake, is specifically designed and engineered for SAG & BALL Mill applications.

Key Markets: Mining & Aggregate



BSFI D300 Double Piston Dual Spring

Clamping force: 0 to 120.000 N
Brake pad distance (w): = 0,12m
Weight: 250kg



BSFI D300 Double Piston Mono Spring

Clamping force: 0 to 120.000 N
Brake pad distance (w): = 0,12m
Weight: 300kg-340kg



Key Markets: Oil & Gas, Crane & Hoist, Marine

BSFH D500 Double Piston Dual Spring

Clamping force: 0 to 400.000 N
Brake pad distance (w): = 0,207m
Weight: 780kg



BSFH D500 Double Piston Mono Spring

Clamping force: 0 to 400.000 N
Brake pad distance (w): = 0,207m
Weight: 910kg-1000kg



Key Markets: Oil & Gas, Crane & Hoist, Marine

STANDARD ACTIVE BRAKES

HYDRAULIC APPLIED / SPRING RELEASED

BSAB 50 Dual-Action

Rear + Side Mounted
Brake pad distance (w): 0,056m
Weight: 11kg

Rear Mounted: Clamping force: 0 to 32.400 N
Side mounted: Clamping force: 0 to 24.500 N



Key Markets: Renewable Energy, Oil & Gas

Multi-piston Dual-Action brakes with removable or fixed pad holders. Typical applications for the BSAB brake range: yawing systems (wind turbines), slewing systems (cranes), shaft brakes (vessels), and top drive brakes (drilling rigs).

BSAB 75 Dual-Action

Clamping force: 0 to 141.000 N
Brake pad distance (w): 0,102m
Weight: 53kg



BSAB 90 Dual-Action

Clamping force: 0 to 235.000 N
Brake pad distance (w): 0,102m
Weight: 55kg



BSAB/C 120 Dual-Action

Clamping force: 0 to 628.000 N
Brake pad distance (w): 0,136m
Weight: 170kg-198kg



BSAB 120



BSAC 120 DD

Key Markets: Renewable Energy, Marine

BSAK 300 Dual-Action

Clamping force: 0 to 55.000 N
Brake pad distance (w): 0,13m
Weight: 48kg



BSAK 300 Mono-Action

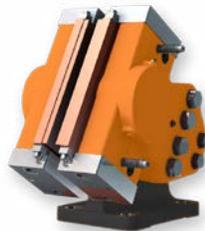
Clamping force: 0 to 55.000 N
Brake pad distance (w): 0,13m
Weight: 73kg



Key Markets: Renewable Energy, Metals Market, Power Generation

BSAK 3000 Dual-Action

Clamping force: 0 to 130.000 N*
Brake pad distance (w): 0,20m
Weight: 130kg



BSAK 3000 Mono-Action

Clamping force: 0 to 130.000 N*
Brake pad distance (w): 0,20m
Weight: 160kg



*Available with higher clamping force using double- and quad piston designs

BSAH 500 Dual-Action + Mono-Action

Clamping force: 0 to 200.000 N*
Brake pad distance (w): 0,22m
Weight: 780kg - 1000kg

*Available with higher clamping force using double- and quad piston designs



Key Markets: Metals Market, Marine

POWER UNITS, CONNECTIVITY & MORE

POWER UNITS

Thousands of installations around the world testify the reliability of our hydraulic power units.

For direct drive and conventional wind turbines | Certified pressure control valve to ensure pressure relief in case of control failures | Operational in cold and hot climate environment |



GENUINE SPARE PARTS

Supported by our 24/7 service support, we deliver OEM approved genuine spare parts.

- Brake pads
- Service/maintenance kits
- Indicators
- Supported by Authentication App



SOFT BRAKING CONTROLS

Industrial-grade embedded PC | Built-in MODBUS TCP/IP interface | Custom optimized IP67 communications module | EtherCat-based internal network | Full BUS monitoring | Optional cable redundancy | Fast hydraulic operation | Optional manual operation |



SERVICE TOOLS & SERVICE SOLUTIONS

Exclusive and innovative service/maintenance tools and service solutions specifically developed to improve safety, extend lifespan while minimizing downtime.

- Lifting & installation tool
- Yaw disc refurbishment service
- Yaw noise reduction groove tool



CONNECTIVITY

New software and artificial intelligence enables a more integrated and predictive process which optimizes uptime throughout the whole value chain.

Gateway | Universal Control | Monitoring



SERVICE TEAMS

Our certified service teams work independently or with other service technicians during global service/maintenance campaigns.

- Job-specific training
- On-site training
- Training academy courses
- 24/7 Service support



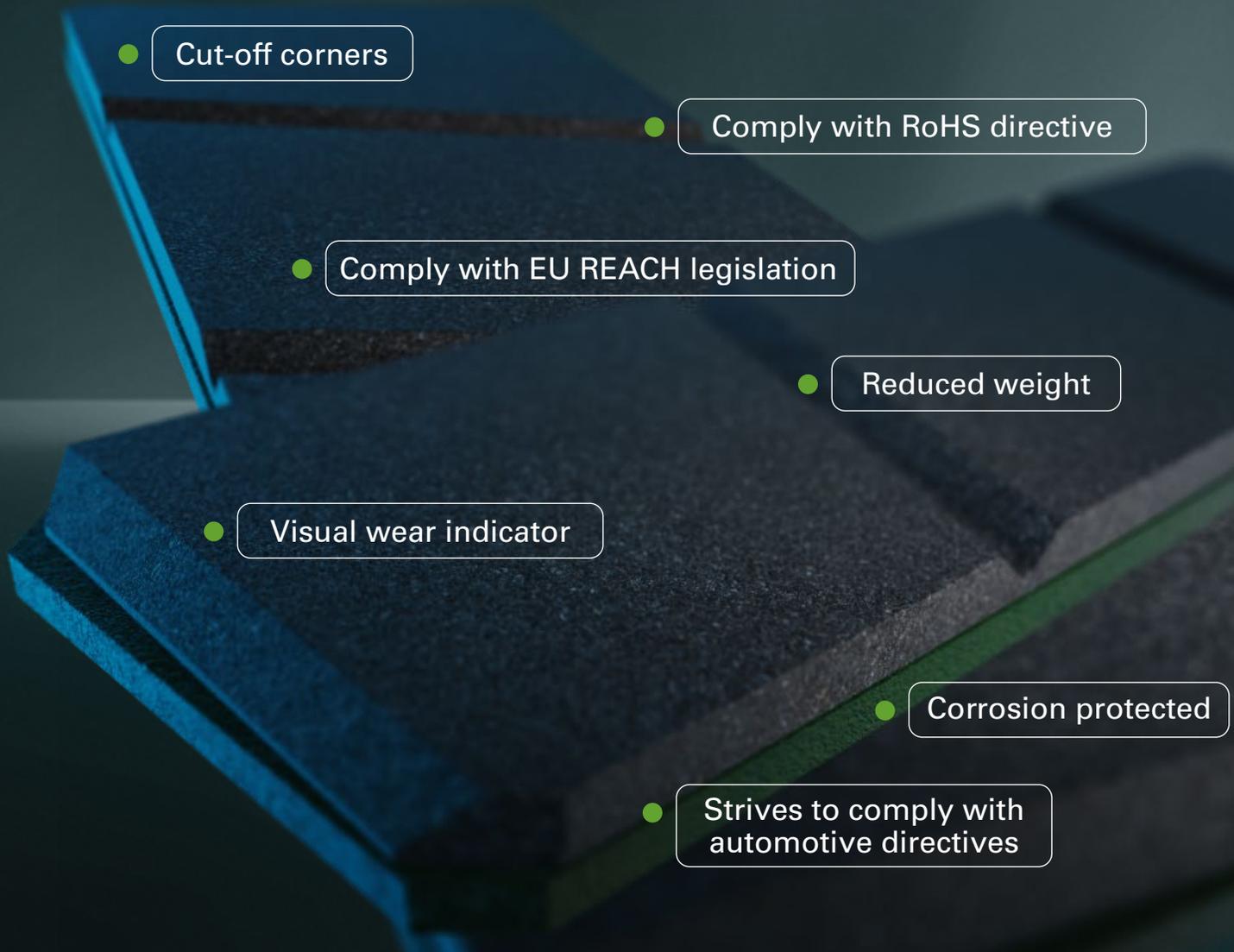
THE GREEN ALTERNATIVE

by SVENDBORG BRAKES

To address environmental and health concerns, we have developed a series of friction materials that comply with REACH legislation.

Available for all OEM and aftermarket applications.

- Asbestos free
- Less than 0.1% Mercury
- Less than 0.1% Chromium 6+
- Less than 0.1% Lead
- Less than 0.01% Cadmium





SVENDBORG BRAKES™

Regal Rexnord™

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The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>. To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>.

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