

# FAV SERVICE BRAKES



## THRUSTER DISC BRAKES

Service brakes are installed on the high-speed line of the gearbox. These brakes follow motor ratings and is delivered in 4 different sizes, that match market standard. They are designed for heavy actuations and long lifetime, additional benefits is easy installation, adjustment and maintenance.

Thruster brakes are designed for high-braking torque applications such as ports, iron and steel or mining. Delivered in Right or Left oriented version. Standard equipped with most essential functions. The automatic wear compensation ensures a constant torque whatever the wear of the lining pads. The brakes can be equipped with several options.

- Hydraulic brakes offer an incomparable braking torque stability.
- Thruster brakes are designed for high-braking torque applications such as ports, iron and steel or mining.
- Drum brakes are used when the mechanical constraints are not an overriding factor.

## APPLICATIONS

- Designed for all applications in a crane (gantry, boom, slewing, hoist)
- Port cranes
- Ship loader / unloader
- Stacker / Reclaimer
- Steel works
- Material handling
- Bucket wheel
- Mining
- Workshop cranes
- Tower cranes.

## CHARACTERISTICS

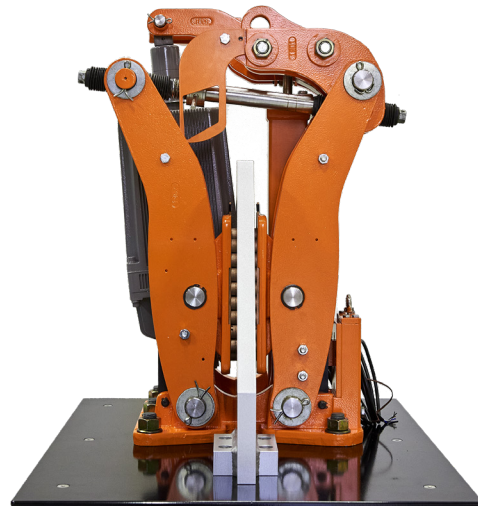
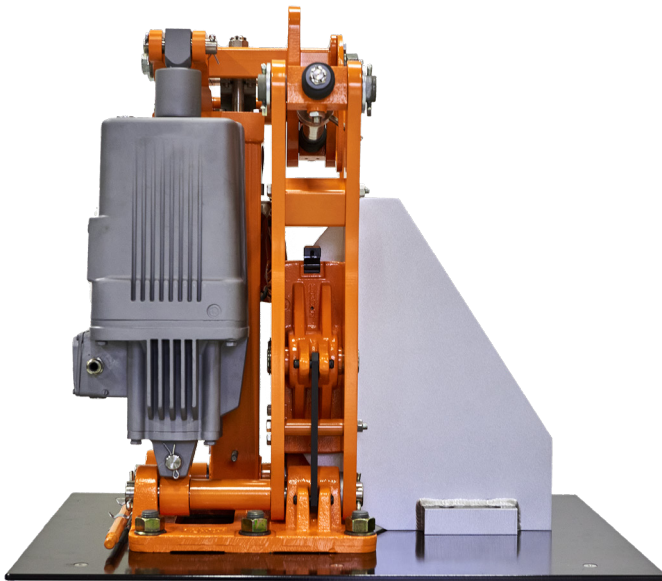
- Fail Safe Brakes
- Spring Applied, Closed Spring cartridge
- Electrohydraulic Thruster Released
- Adjustable torque 100-70%
- Automatic lining wear compensation
- Parallel opening of brake shoes
- Self-centering system, ensure equal airgap on both linings
- Sensor for "brake open/closed", reserve stroke
- Manual release system
- Marine corrosion protection

## OPTIONS

- Inductive sensors
- Sensor for pad wear
- Special executions for low and high ambient temperature
- Thruster special voltage
- Brake linings in organic material or sinter metal
- Brake linings with worn wire

## TECHNICAL DATA FAV RANGE

	FAV 10/15	FAV 21	FAV 40	FAV 50
Brake torque	250 – 920Nm	650 – 4050Nm	2700 – 16800Nm	12700 – 21800Nm
Center height	160mm	230mm	280mm	280mm
Disc.	220-550mm	355-710mm	450-1000mm	630-1000mm
Weight	44 kg	130 kg	222 kg	224 kg



## Regal Rexnord

[www.regalrexnord.com](http://www.regalrexnord.com) | [www.svendborg-brakes.com](http://www.svendborg-brakes.com)

### Svendborg Brakes

Jernbanevej 9  
5882 Vejstrup, Denmark  
+45 63 255 255

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>.

"Regal Rexnord" is not indicative of legal entity. Refer to product purchase documentation for the applicable legal entity. Regal Rexnord and Svendborg Brakes are trademarks of Regal Rexnord Corporation or one of its affiliated companies. © 05/24 Regal Rexnord Corporation, All Rights Reserved. MCF-#P-9058-SV-SVB-A4-06/24

**RegalRexnord**