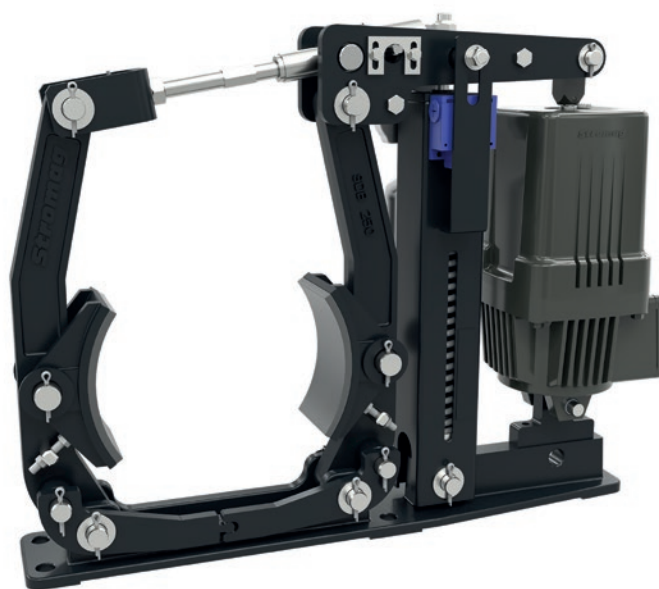




Industrial SDB Brakes



Stromag

**PRODUCT
CATALOG**



DECADES OF EXPERIENCE

Across Industries and Applications



Founded in 1932, Stromag™ has grown to become a globally recognized leader in the development and manufacture of innovative power transmission components for industrial drivetrain applications.

Stromag engineers utilize the latest design technologies and materials to provide creative, energy-efficient solutions that meet their customer's most challenging requirements.

Stromag's extensive product range includes flexible couplings, disc brakes, limit switches, an array of hydraulically, pneumatically, and electrically actuated brakes, and a complete line of electric, hydraulic and pneumatic clutches.

Stromag engineered solutions improve drivetrain performance in a variety of key markets including energy, off-highway, metals, marine, transportation, printing, textiles, and material handling on applications such as wind turbines, conveyor systems, rolling mills, agriculture and construction machinery, municipal vehicles, forklifts, cranes, presses, deck winches, diesel engines, gensets and stage machinery.

VISIT US ON THE WEB AT **STROMAG.COM**



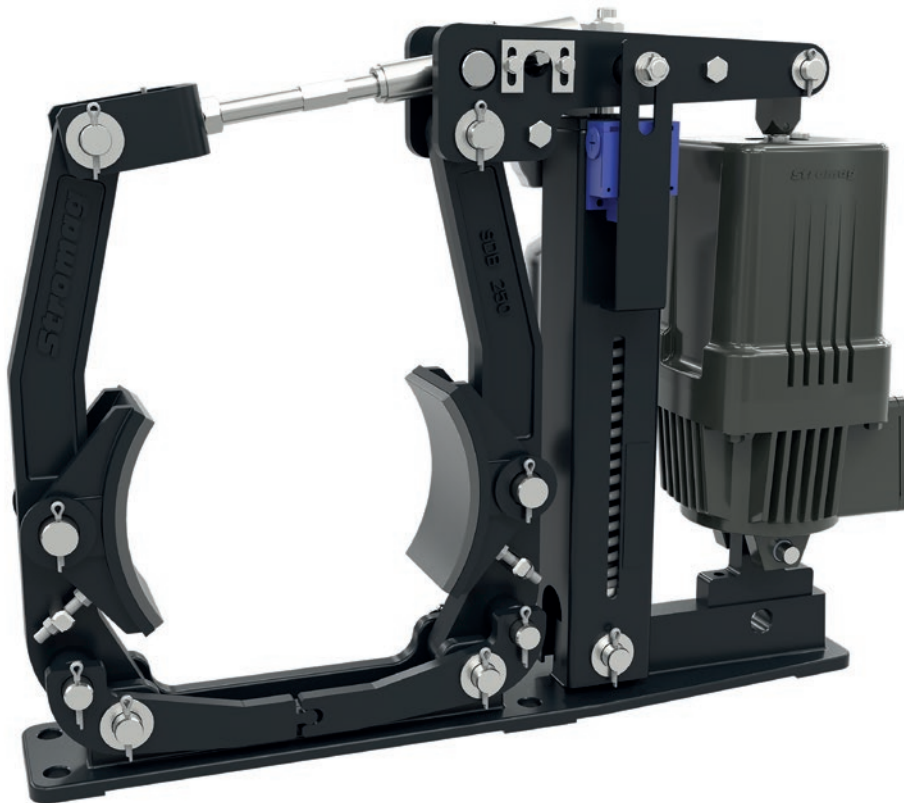
TECHNICAL DATA AND DIMENSIONS

- Standard DIN 15435
- Spring application braking
- Thruster release
- Standard voltage 380/400/415/440 VAC, 50 Hz, 3 Phase
- Protection class C5-H available on demand
- Automatic lining wear compensation
- Brake shoe auto-aligning device

- Scale for torque adjustment
- Brake lever synchronization
- Aluminum shoes with non-asbestos linings
- Self-lubricated bush at main hinge points
- All exposed steel parts are with Zinc Al Flake coating

Operation conditions

- Ambient temperature: -20°C to 70°C
- Max permissible relative humidity 90%
- IP rating: IP66

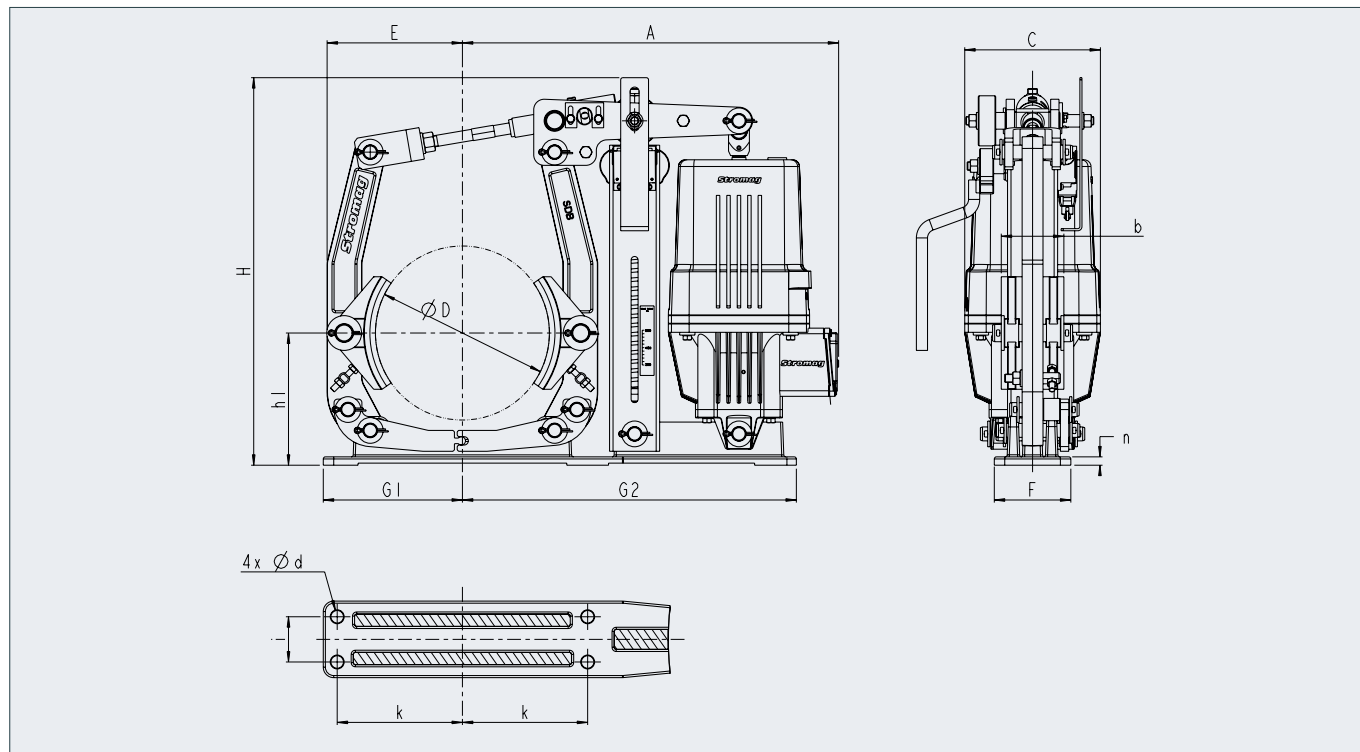


Options	
AV-DV Thruster	Thruster delay: Ascent valve or descent valve
BELS	Brake engaging Limit Switch
BRLS	Brake release Limit Switch
HRL	Hand release lever
HRLM	Limit Switch for hand release monitoring
LWI	Full lining wear indicators
SPA	Paint according to customer specification
SV	Special voltage
PC	Port crane: Corrosion class C5-H
SW	Steel works (High temperature +10°C to +90°C)
LT	Low temperature (-20°C to +40°C)

INDUSTRIAL BRAKES

SDB brakes

TECHNICAL DATA AND DIMENSIONS



Brake type	Thruster	Braking Torque (Nm)		Weight (kg)	Dimensions (mm)													
		min.	max.		A	b	C	D	d	E	F	G1	G2	H	h1	i	k	n
SDB 160	PT 230/5	80	180	35	430	65	160	160	14	145	85	145	355	418	160	55	130	8
SDB 200	PT 230/5	110	260	44	475	70	160	200	14	175	90	165	415	490	160	55	145	10
	PT 300/5	140	380	48														
SDB 250	PT 230/5	140	300	58	533	90	160	250	18	205	110	200	480	583	190	65	180	12
	PT 300/5	180	410	60														
	PT 500/6	300	850	70														
SDB 315	PT 230/5	180	350	81	660	110	160	315	18	255	115	245	535	600	230	80	220	14
	PT 300/5	250	500	85														
	PT 500/6	315	970	92														
	PT 800/6	630	1600	95														
SDB 400	PT 500/6	400	1050	138	720	140	195	400	22	310	160	310	615	775	280	100	270	14
	PT 800/6	630	1700	140														
	PT 1200/6	1000	2650	155														
SDB 500	PT 800/6	800	2060	176	900	180	195	500	22	380	180	365	752	880	340	130	325	21
	PT 1200/6	1250	3270	201														
	PT 2000/6	2000	5150	201														
SDB 630	PT 1200/6	1800	3780	335	1150	225	240	630	27	465	220	480	870	1100	420	170	400	20
	PT 2000/6	2500	6000	335														
	PT 3000/6	4000	8500	340														
SDB 710	PT 2000/6	3150	6000	435	1150	255	240	710	27	520	240	500	870	1140	470	190	450	25
	PT 3000/6	5000	9600	441														

FEATURES

- **AUTO WEAR COMPENSATOR**

Automatically compensates for liner wear ensuring repeatability in break performance.

- **HRL (Optional)**

Facilitates maintenance by manual brake release lever that can be operated in bi-directional orientation and also can be flipped as per site conditions.

- **BELS/BRLS (Optional)**

Contact type sensor to monitor brake engage / release condition.

- **LWI**

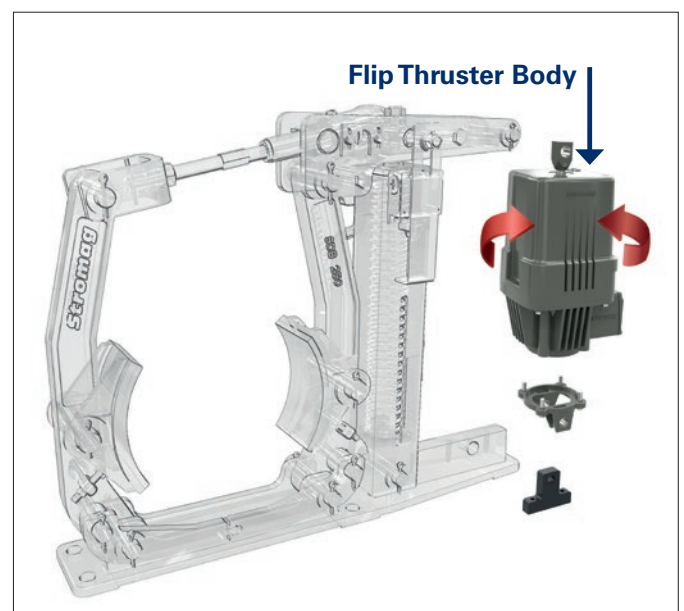
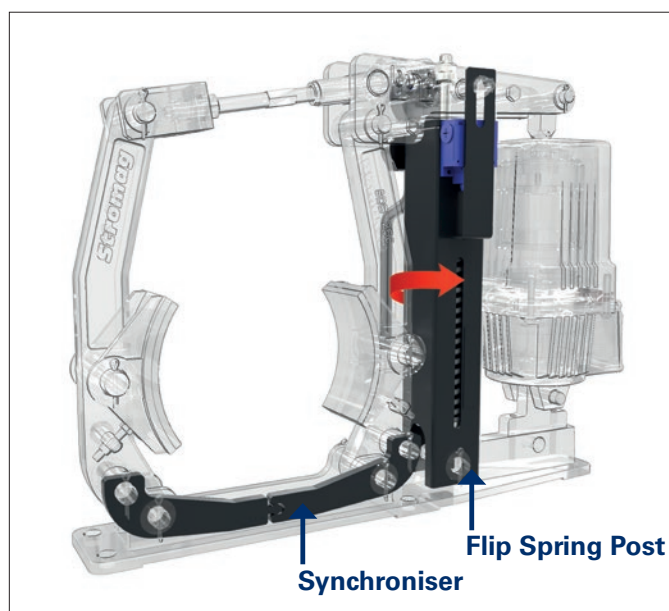
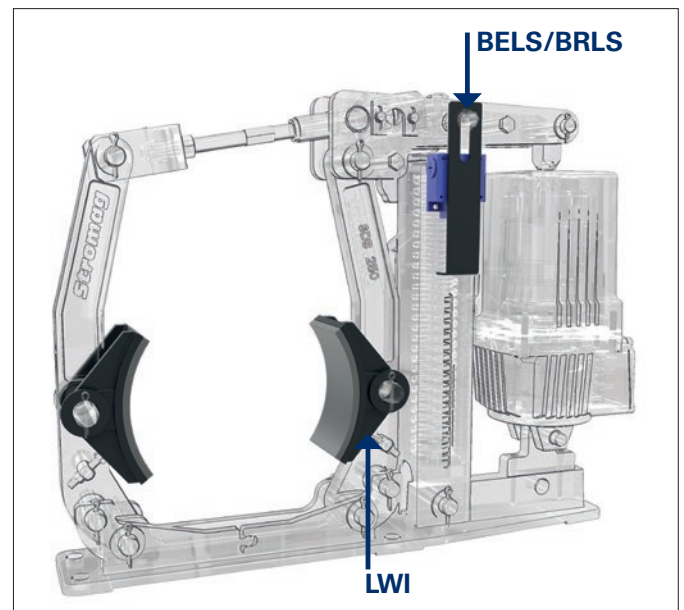
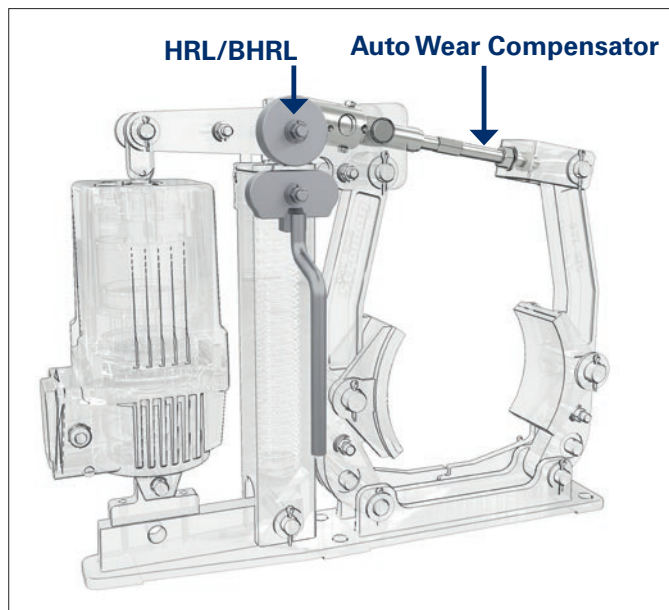
Liner with wear indicator (LWI) to monitor friction material conditions.

- **FLIP SPRING POST**

Flipping of spring post orientation with attached HRL and limit switch arrangement.

- **FLIP THRUSTER BODY**

Thruster body can be oriented $\pm 90^\circ$ with respect to pivot.
Options available above PT 500 Thrusters.



- **SYNCHRONISER**

Precisely synchronises left and right arm with symmetry

- Facilitates easy installation
- Improves brake performance

INDUSTRIAL BRAKES

Notes

[illegible]



Stop seeing individual parts. Start seeing unlimited possibilities.

Regardless of your objectives or the challenges with your application, Powertrain Solutions can help you achieve your unique goals. No matter what your application looks like, it relies on many components, all working together. But not all components are made to work together reliably and efficiently. Powertrain Solutions has the insight, experience and expertise to engineer your collection of components into a fully optimized system — giving you solutions that boost efficiency, improve reliability and performance, lower costs and simplify ordering and logistics.

WHERE OTHERS SEE PARTS, WE SEE A SYSTEM



Bearings



Belt & Chain
Drives



Clutches &
Brakes



Conveying



Disc & Gear
Couplings



Motors



Speed Reducers
& Gearboxes



Monitoring &
Diagnostics

It's time to see the bigger picture.

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