



SIME brakes

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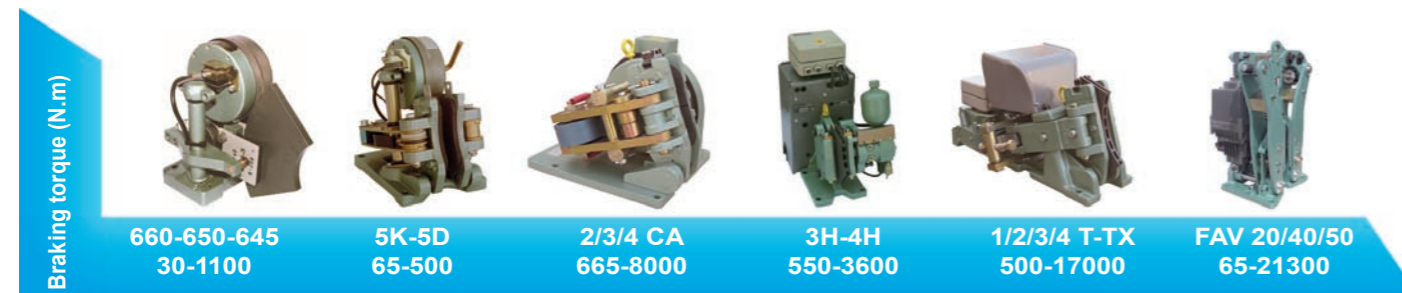
safety in motion

Stromag France, *industrial disc brakes world leader*, has developed, installed and maintained worldwide tens of thousands of safe, performant and complete braking solutions for:

- Port cranes
- Steel works cranes
- Coal and Nuclear power plants
- Pedestrian transport equipments
- Windmills
- Mines, belt conveyors

Stromag France is ISO 9001-V2000 certified

Service disc brakes



Emergency disc brakes



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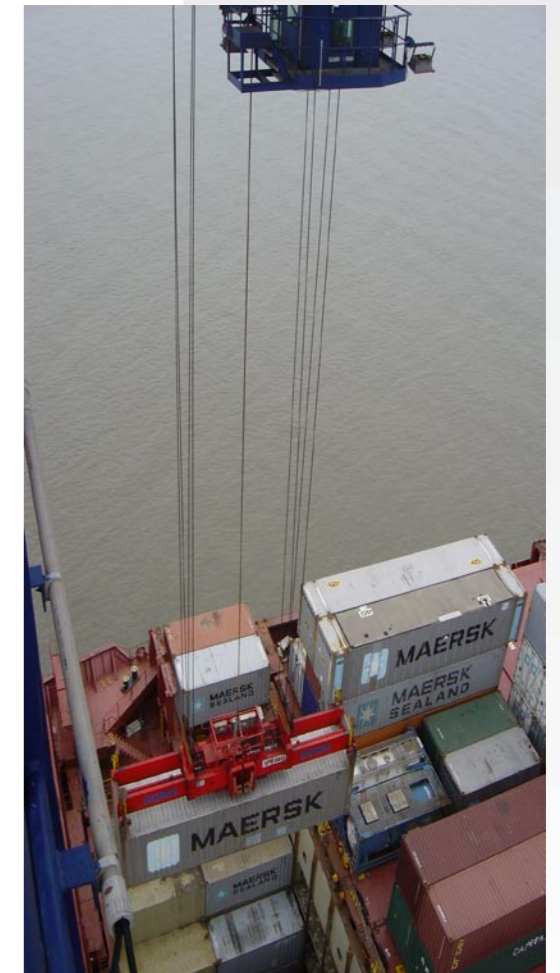
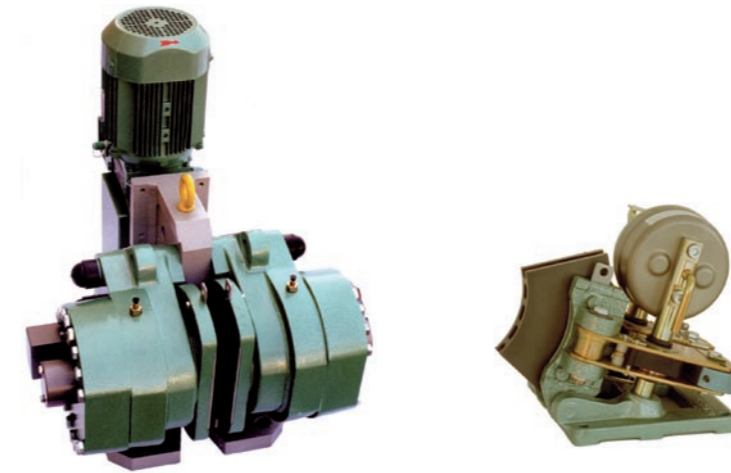
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Disc brakes

for

PORT CRANES

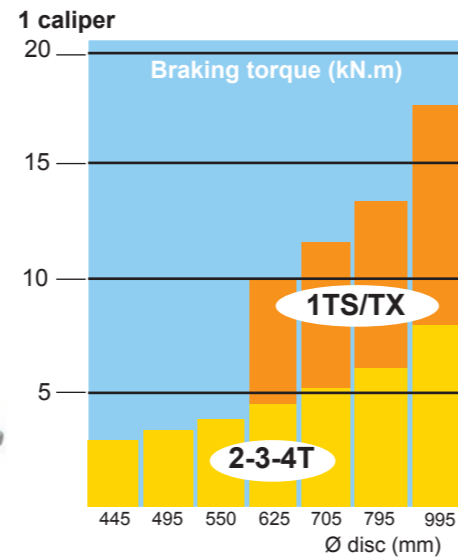


STROMAG BRAKES ...

T Range

Service brakes for hoists and trolleys

«T» fail safe disc brakes are operated by the HYDROSPRING® system and electro-hydraulically released by the integral hydraulic power unit.
«T» brakes stand intensive and powerful brakings, making them perfect service brakes; they are available in a wide range of sizes.



Main characteristics:

- Compact design
- Few moving parts
- Integral electric and hydraulic connections
- Torque constant over lining life
- Automatic wear compensation of linings
- Caliper protected from dust and marine environment
- Large and symmetrical clearance between disc and lining
- Option: Progressive torque application up to 15 seconds

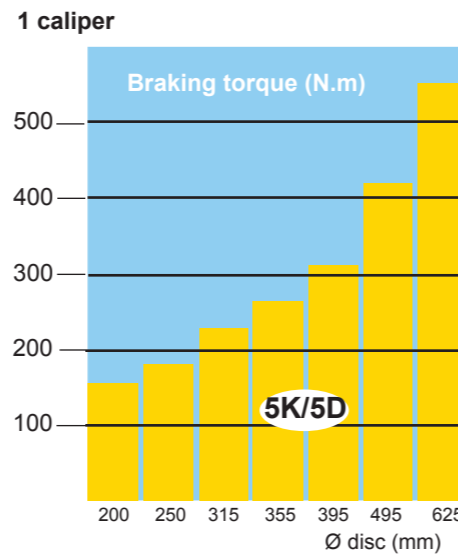
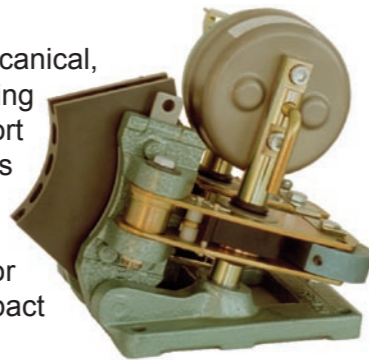
Advantages:

- Easy to install
- High reliability
- Installation fast and simple
- Braking safety
- No setting
- Longer life span
- No lining wear brake released
- Equipments protection

5K/5D Caliper

Travelling control brake

The 5D fail safe SIME brake is an electromechanical, heavy duty equipment, adapted to travelling control of container, jib or bulk handling port cranes, either Rail Mounted Gantry Cranes (RMGC) or Rubber Tyred Gantry Cranes (RTGC) type.
5D caliper may be installed vertically or horizontally, and positioning the new compact '12016' power supply is easy.



Main characteristics:

- Electromagnetic caliper
- Compact and symmetrical design
- Open design
- Few moving parts
- Large and symmetrical clearance between disc and lining
- Automatic wear compensation of linings
- Steady torque over lining life
- DC coil (controlled by AC/DC supply unit)
- Caliper protected from dust and marine environment

Advantages:

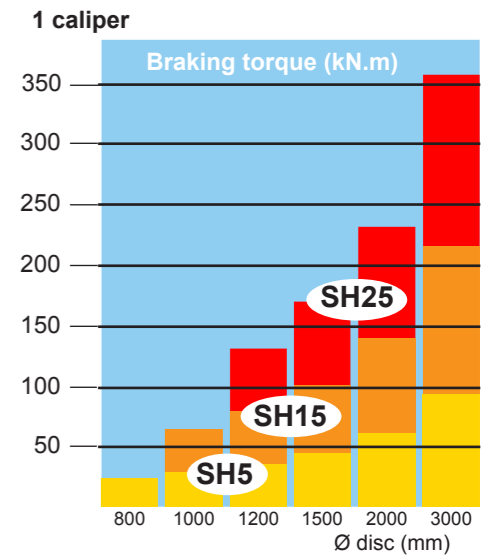
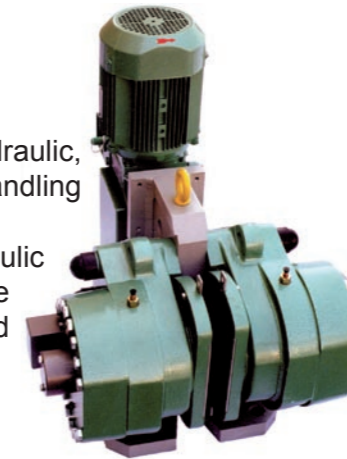
- Low maintenance
- Easy to install
- Easy visual inspection
- Reliable assembly
- No lining wear when brake is released
- No setting
- Braking safety - no «run-away» -
- No coil burning
- Longer life span

... A COMPLETE SOLUTION FOR PORT CRANES

SH/SHC Range

Emergency brakes for hoists

The SHC spring applied calipers are hydraulic, emergency duty disc brake, adapted to handling equipments operating in severe conditions. SHC caliper design combines integral hydraulic power pack and caliper base plate in one set to reduce customer engineering and installation costs.



Main characteristics:

- Hydraulic caliper
- Direct acting caliper / few components
- Pivoting shoes / Constant braking radius
- Direct acting opening proving switch
- Independent stroke setting for each half caliper
- Low force loss per additional air gap mm.
- Caliper protected from dust and marine environment
- Integral hydraulic power pack

Advantages:

- Powerful braking
- Reliability / low maintenance costs
- Linings wear evenly
- No on-site setting
- Easier matching and on-site setting
- Safer operation
- Longer life span
- Cost and time saving installation

Applications:

- Service brakes for hoists
- Emergency brakes for hoists

- Boom luffing brakes
- Travelling control

