

Spring-engaged Brakes



Benefits

Nexen provides a variety of power-off brakes to meet your requirements in the range of 50 to 165,000 In. Lbs. These brakes engage when power is off and disengage when air pressure is applied.

- Long life
- Easy to maintain and rebuild
- Economical to operate
- Easy to install
- Controlled stopping
- High torque capacity
- Suited for e-stop applications
- Variety of mounting configurations

Applications

Nexen spring engaged brakes have a presence in a variety of industries. Typical applications include stopping, holding and E-stop functions on a variety of machinery and equipment including:

- Robotics
- Palletizers
- Hoists
- Lifts
- Packaging machines
- Commercial laundry equipment
- Sawmills, log handling equipment
- Press applications (die stamping and metal forming)
- Assembly lines
- Conveyor drives
- Centrifuges
- Wind generators

Nexen Spring-engaged Brakes



MOUNT CONFIGURATION

MODEL

TORQUE RANGE

Caliper/Disc

BC

1,596 - 5,300 in. lbs.

Caliper/Disc

BD

2,500 - 25,000 in. lbs.

Caliper/Disc

SPC

10,000 - 50,000 in. lbs.



Flange mounted, NEMA
Shaft mounted

SE

100 - 1,150 in. lbs.

Shaft mounted

TSE

240 - 3,700 in. lbs.

Shaft mounted

DFB & QFB

6,100 - 164,800 in. lbs.



Flange mounted, NEMA,
IEC and metric

Eclipse Servo
Motor Brake

20 - 400 in. lbs.

Flange mounted, NEMA

FMBES

200 - 900 in. lbs.

SIZING AND SELECTING:

More information on these and other Nexen products can be found in the Nexen Air Champ® catalog and on the Internet at www.nexengroup.com. If you have a specific application for a spring-engaged brake, please consult your Nexen Sales Representative or contact a Nexen Technical Representative at 800-843-7445.

nexen

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