

HIGH EFFICIENT

Spring-Applied Brakes

Boeli HighTorque Brakes

Boeli range of electromagnetic spring-applied brakes is being expanded with the new series of HighTorque Brakes.

This series has been specifically developed for direct drives applications. We used unique patent applied system to **minimize length up to 60% and weight up to 75% of the brake**, but enlarge torque at the same time; to be able working as a holding or dynamic brake in many different braking systems.



Features:

- Braking torques from 0.2 – 10.000 Nm
- Tailor-made design
- DC voltage: 12, 24, 36, 48, 103 V
- Patent-applied DSE – Double-Side-Effect
- Different torques in the same frame
- Hand release
- Holding or dynamic brake design
- Chopper–Energy conservation, 10 kHz: 5–90 % U_N
- Protection IP 20 to IP 66 possible
- Brakes are designed for 100% operating time (current applied to the brake)

Application areas:

Direct Drive Motors, In-wheel motors, servo motors, brake motors, cranes, industrial vehicles, escalators, general machinery.

Unique designs are possible.
Call us!



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