



Product

BSFH 500 Series Brakes

Application

Offshore Oil Rig Drawworks

Highlights

- BSFH 500 Series dual-spring brakes
- 193,827 ft.lbs. (262,856 Nm) max static brake torque holding capacity
- Operating range between -20°C to +70°C (-4°F to +158°F)
- API 7K certified
- Hydraulic power unit

A major drilling OEM needed a braking solution for an AC drawworks used on an offshore oil rig. The drawworks is the rig's main hoist that raises and lowers the drill's traveling block along with lengths of drill string pipe that can have a combined weight of several hundred thousand pounds. The brakes act on a disc positioned on the drawworks cable drum to provide standard parking and emergency stopping functionality.

To meet the challenging application requirements, Svendborg Brakes supplied a braking system consisting of BSFH 500 Series dual-spring, hydraulically released caliper disc brakes and a hydraulic power unit.

BSFH 500 Series brakes have an operating range between -20°C to +70°C (-4°F to +158°F). Models are available with a clamping force of up to 44,962 lb. (200,000 N).

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