

26 FEBRUARY 2018

## STAINLESS STEEL BRAKES FOR THE OIL & GAS INDUSTRY

The production of oil and gas is taking place in ever more remote regions of the world and is moving towards the most extreme environments.

M.W.M. has been engaged by a global oil and gas company to provide advice, engineer and supply an emergency brake that can withstand the hostile environment that causes corrosion and eventual failure of standard items.

That's why M.W.M. designed and manufactured a special FAIL-SAFE BRAKE FOL-N008C-BF (Spring applied / hydraulically released Brake) made **in full stainless-steel material** (body, piston, springs).

Four brakes are used as a parking brake/fail safe brake in order to hold or stop a drilling equipment.

When the hydraulic pressure drops the brake is engaged and provide for emergency stopping.

Power on condition: BRAKE RELEASED

Hydraulic pressure: 6 bar → the springs are under compression and don't engage the brake.

Power off condition: BRAKE ENGAGED

Hydraulic pressure falls to 0 bar → the internal springs engages the brake

### FEATURES:

- Braking Force: 1.200 Nm
- Max Speed: 1.800 RPM
- External Diameter: 188 mm
  
- Fail Safe Brake
- Corrosion resistant
- Long life performance
- High torque security
- Compact design
- Maintenance free
- Large permitted shaft diameter

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*The picture shows some SPECIAL FAIL-SAFE BRAKES – MOD. FOL-N008C-BF in Stainless Steel Material (AISI 316L).*

