Bajolock® Data Sheet

Ultimate Safety

Smith Flow Control’s Bajolock® is designed and manufactured from high quality 316L Stainless Steel and incorporates market leading gaskets, suitable for wide ranging applications to include tank and transfer systems in the oil, gas and petrochemical industry, shipping, pipe, bulk and road transportation and the food and beverage industry. The patented safety system ensures that operator incidents are eliminated while opening the coupler under pressure. SFC’s Bajolock® couplers are designed and manufactured according to the Pressure Equipment Directive and bear the CE mark. SFC’s Bajolock® couplers are interchangeable with existing, similar quick couplers enabling instant integration at plant.

Ultimate Protection

In demanding industrial environments, conventional couplings can be very dangerous as it is common for pipes or whole systems to be under pressure when couplings are opened. When opening Smith Flow Control’s patented Bajolock® quick coupler on a system that is pressurised, pressure is caught and automatically equalised. Any potential harmful rest material is discharged away from the operator, after which the Bajolock® can be easily and safely uncoupled with a simple twist.
**Bajolock® Type D Specification**
Female with female taper thread

- Material: 316L Stainless Steel
- Thread: BSP
- Available Sizes: 1”, 2” and 3”
- Pressure: -0.8 to 10 bar (-11 psi to 145 psi)
- Temperature: -20 to 65°C (-4 to 149°F)
- Other specifications, materials and sizes available on request.
- Can be used in combination with Bajolock® Type DP to form a safe end connection.
**Bajolock® Type DC Specification**

Dust Cap

- Material: 316L Stainless Steel
- Available Sizes: 1”, 2” and 3”
- Pressure: -0.8 to 10 bar (-11 psi to 145 psi)
- Temperature: -20 to 65°C (-4 to 149°F)
- Other specifications, materials and sizes available on request.
- Can be used in combination with Bajolock® Type A to form a safe end connection.
Bajolock® Type A Specification
Male with female taper thread

- Material: 316L Stainless Steel
- Thread: BSP
- Available Sizes: 1”, 2” and 3”
- Pressure: -0.8 to 10 bar (-11 psi to 145 psi)
- Temperature: -20 to 65°C (-4 to 149°F)
- Other specifications, materials and sizes available on request.
- Can be used in combination with Bajolock® Type D and Type DC to form a safe end connection.
Bajolock® Type DP Specification
Dust Plug

- Material: 316L Stainless Steel
- Thread: BSP
- Available Sizes: 1”, 2” and 3”
- Pressure: -0.8 to 10 bar (-11 psi to 145 psi)
- Temperature: -20 to 65°C (-4 to 149°F)
- Other specifications, materials and sizes available on request.
- Can be used in combination with Bajolock® Type D to form a safe end connection.
Safety is Paramount

In the oil, gas and petrochemical industry, conventional couplings can be very dangerous as pipes or whole systems are often still under pressure when couplings are opened. As it is often impossible to determine (residual) pressure in the system, fatal accidents may occur. Bajolock® prevents this by releasing any pressurised product in a controlled way, discharging away from the operator.

Industry Applications

Smith Flow Control’s Bajolock® coupler is designed for use in transfer systems for pressures up to 10 bar. It is ideal for a wide range of applications including oil & gas, petrochemical, shipping, pipe, bulk, medical and the food and beverage industry, in addition to road transportation applications.

Patented Invention

After a lengthy period of development and testing, we are proud to announce the launch of Bajolock® - The new safety standard in the oil, gas and petrochemical industry.

Contact:

Smith Flow Control,
6 Waterside Business Park,
Eastways Industrial Estate,
Witham, Essex,
CM8 3YQ, United Kingdom

Phone:
+44 (0)1376 517901

E-mail:
bajolock@smithflowcontrol.com

Website:
www.smithflowcontrol.com/process-safety/bajolock/