

Product Information

March 2017

AS-Schneider has developed high-pressure valves for up to 15,000 psi:

Maximum safety for plant operators

Nordheim - March 2017 - AS-Schneider has expanded its product portfolio: The specialist for industrial valves has developed a high-pressure series which is applicable for use under pressures up to 15,000 psi (1,034 bar). Plant operators benefit from a safe, reliable and leak-free shut-off even under extreme conditions. AS-Schneider can provide these valves with different functionalities to meet the requirements of several applications.

AS-Schneider's high pressure valves are designed for use in measurement and control technology in various industries: They can be used in chemical and petrochemical plants or the oil and gas industry. Pressures of several thousand psi or several hundred bar are frequently found here and the media can be aggressive and harmful to humans and the environment. Most valves under these conditions quickly reach their limits - the innovation from AS-Schneider now offers a reliable and robust solution for such cases.

The stem seal (packing) consists of the versatile plastic PTFE. In addition, the high pressure valves have a metallic back seat, which represents an additional seal to the outside relieving the packing. This result not only less wear and tear, but also an increase in reliability - because the valves are thus blow-out safe. AS-Schneider supplies the valves in stainless steel 316 in its standard model. They are thus also suitable for use with sour gas according to NACE MR0175/MR0103 and ISO 15156. Other materials are, however, available for special requirements. Customers can also choose between valves with NPT threads and connections for cone fittings. The latter have the advantage that they can be easily mounted and dismantled many times.

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A high-strength stem thread with hard coating ensures safe and wear-free operation. The T-handle in ergonomic design is positively locked to the stem by a square and positioned by a set screw. The non-rotating tip allows smooth operation and minimum wear of sealing elements. A special thrust bearing at the connection between the stem and tip absorbs highest stem forces. The valve head unit (bonnet) is additionally equipped with a locking plate. It prevents the unauthorised removal of the bonnet. To protect the stem thread, AS-Schneider offers dust caps - on request in various colours - to clearly distinguish the valves.

Scope: 2,773 characters including spaces

Meta title: AS-Schneider has developed high-pressure valves for up to 15,000 psi:

Meta Description: The valves specialist AS-Schneider presents a series of high-pressure valves which are suitable for pressures up to 15,000 psi (1,034 bar).

Keywords: AS Schneider valves industrial valves valves high pressure blow-out secure seal stem seal packing metallic PTFE

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Caption:



Safe even under high pressure: The new valve series by AS-Schneider withstands operating pressures of up to 15,000 psi (1,034 bar).

Photo: Armaturenfabrik Franz Schneider GmbH + Co. KG

About AS-Schneider



The family-run company, AS-Schneider, was founded in 1875 and with over 350 employees, is one of the leading manufacturers of industrial valves and manifolds for measurement and control technology worldwide. In the market segment for large diesel engine valves such as those used in marine propulsion and the generation of electricity, AS-Schneider is even the world market leader. With our own subsidiaries in Romania, Singapore, Dubai (UAE) and Houston (USA) and professional partners in more than 20 countries worldwide, we are located everywhere our customers need our support.

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