

SCHUCK TYPE U BALL VALVE

Shut-of valve in top-entry-design

The Schuck Type U ball valve is easy to maintain and durable. The modular design, as a top-entry ball valve, allows the service in constricted rooms. This is particularly important in high-wear locations for use and for high-maintenance media.

The Schuck Type U ball valve can thus be found exclusively in plants, on platforms and in stations. Especially in the case of contaminated or aggressive media, confident operation is possible in these high-control areas. The 100% maintenance options ensure this.

Using a variety of material combinations, this is possible for many different media – including acid gas. Safe functioning is guaranteed at all times.

In addition to its simple assembly, one of the main advantages of the top entry design is the ease of spare parts delivery. The heaviest item to be transported to the site only accounts for a quarter of the overall weight.

ADDITIONAL PRODUCTS OF THE SCHUCK GROUP

- » Hydraulic, electric and manual actuators
- » Insulating joints & jet control check valves
- » Split body ball valves, Type S, 2" – 56"
- » Fully welded ball valves, Type G, 1/2" – 60"



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We manufacture and distribute components for connecting pipeline systems in more than 50 countries, with 5 international offices and over 40 years of experience.

Do you want to find out more about a specific product?
Give us a call or visit to our website at www.schuck-group.com.

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 SCHUCK GROUP

DESIGN
ENGINEERING
MANUFACTURING
MADE IN GERMANY

 SCHUCK GROUP

SCHUCK TYPE U BALL VALVE

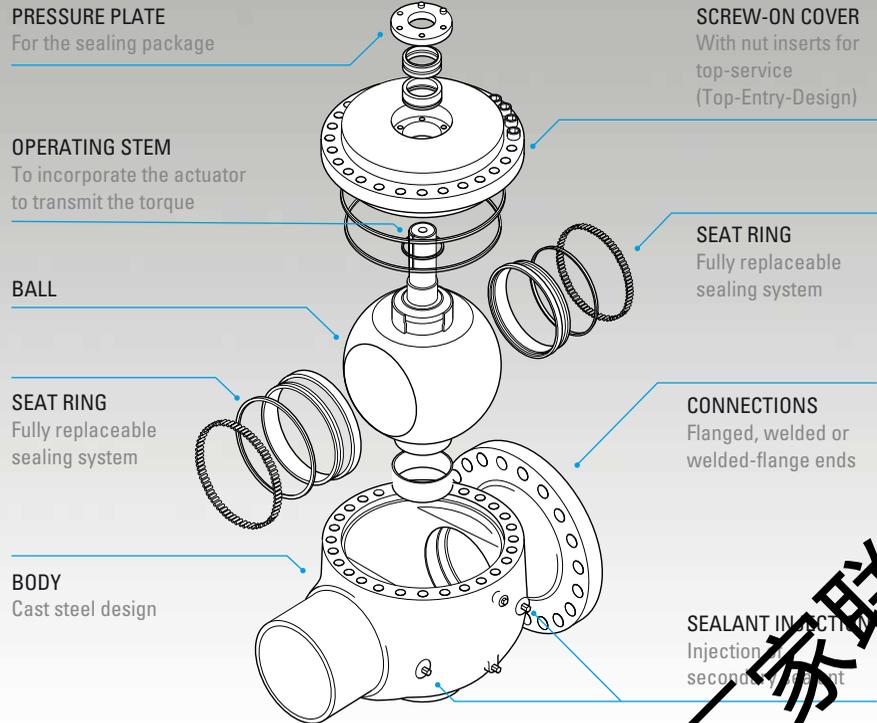
The shut-off-valve in top-entry-design for high-maintenance and demanding media.



SIL
SUITABLE

SCHUCK TYPE U BALL VALVE

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PRODUCT FEATURES

- » Top-entry ball valve
- » Can be used for gases, liquids and water
- » Extensive maintenance options
- » Double-stem seal with fire-safe package
- » Trunnion-mounted
- » Design pressure up to CLASS 2500
- » Anti-static design
- » Piggable
- » With anti-blow-out stem
- » Available as a single or double piston
- » Available in PMSS, SO and MM design
- » Temperature ranges from -60° C to +160° C
- » Appliance for use with secondary sealant

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APPLICATIONS

Shut-off valve for above-ground applications in plants, on stations and platforms, etc.

Min. temp. range -60°C to +80°C

Standard temp. range -29°C to +120°C

Max. temp. range -29°C to +160°C

DESIGN

Suitable for use with the following media: natural and acid gas, oil, oil with sulfur, hot and cold water.

With flanged, welded or welded-flange ends

Available from 6" to 42"

Design pressure up to CL 2500

MANUFACTURING

Manufacturing, testing and design standards EN 12266 -1 API 6D, ISO 14313 / API 6D, AD2000 ASME Sec. VIII Div.1

Leak, functioning and fire safety ISO5208, DIN 3230 T5 PG3 for gas, ISO 10497 / API 607

MATERIALS

Body: ASTM A 350 Gr. LF2, GS-21 Mn5, ASTM A 352 Gr. LCC (mod)

Ball: G-X20Cr14V, ASTM A 217 Gr. CA-15, TSTE 355/nickel-plated, ASTM A 350 Gr. LF2/ENP

Flange/welded connection: TSTE 355, ASTM A 350 GR. LF2

Additional materials possible

Figure at left:
The Schuck Type U ball valve in details

Figure at right:
Sample construction of the Schuck Type U ball valve with gear box and manual actuator