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ECOLINE GT 40 – Steel Gate Valve

New: Butt weld end design available



ECOLINE GT 40

Applications:

For water, steam, gas and other non-aggressive fluids

- Industrial plants and process engineering
- Building services and water engineering
- Shipbuilding

More information:

www.ksb.com/products



ECOLINE GT 40
Butt weld end design



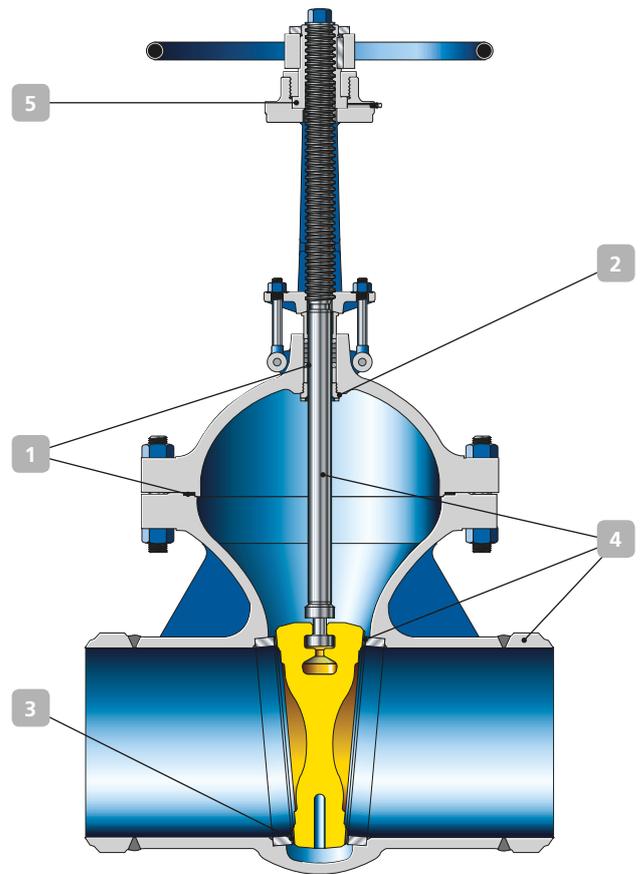
STAAL 40 AKKS
Weldend swing check valve



STAAL 40 AKK
Flanged swing check valve

ECOLINE GT 40 – Steel Gate Valve

- 1 Additional features ensure safe sealing to atmosphere**
 - Fully confined bonnet gasket which prevents creeping of the gasket (PN 40).
 - Graphite gland packing with packing end rings.
- 2 Additional safety and blow-out protection**
 - Screwed back seat as a standard.
- 3 Reliable, tight shut-off**
 - With larger seat/disc interface. This makes for tight shut-off at the seat/disc interface when the seat was re-worked.
- 4 Long service life and high functional reliability**
 - Of the gland packing due to non-rotating stem with burnished shank.
 - Hard-faced seat/disc interface made of wear-resistant and corrosion-proof materials. Stellite seat as a standard.
 - Butt weld end design: high-grade design with connection branch extensions made of forged steel.
- 5 For numerous applications**
 - Threaded bush free from non-ferrous materials.



Technical data

Pressure	Up to 40 bar
Temperature	Up to 400 °C

Standard variants

Stem protecting tube
Stem protecting tube with position indicator
Stem protecting tube with position switch
TA-Luft-compliant
Bypass
Actuator installation kit
Electric actuators
Spur or bevel gear
Seat/disc interface made of wear-resistant and corrosion-proof stellite
Other flange designs
Other butt weld end designs

Pressure/temperature ratings

Permissible operating pressures in bar at a temperature of °C (to EN 1092-1)¹⁾

Nominal pressure	Material	RT ²⁾	100	150	200	250	300	350	400
10	GP 240 GH	10.0	9.2	8.8	8.3	7.6	6.9	6.4	5.9
16		16.0	14.8	14.0	13.3	12.1	11.0	10.2	9.5
25		25.0	23.2	22.0	20.8	19.0	17.2	16.0	14.8
40		40.0	37.1	35.2	33.3	30.4	27.6	25.7	23.8

Materials

Flange and butt weld end designs: DN 50-600 cast steel GP 240 GH (1.0619)³⁾

Additional type series

Gate valve made of forged steel and/or boiler plate: STAAL 40 AKD/AKDS
 Swing check valve made of boiler plate: STAAL 40 AKK/AKKS

¹⁾ Operating pressures to DIN 2401 are also permissible.

²⁾ RT: room temperature (-10 °C to +50 °C)

³⁾ DN 700-800 on request



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