

SICCA – High pressure gate valve made of cast steel to ASME / ANSI standards



SICCA 900-2500 GTC Gate valve

Applications:

For main steam, feed water, gas and other non-aggressive fluids in:

- Fossil-fuelled power stations
- Nuclear power stations
- Industrial plants

More information:

www.ksb.com/products



SICCA 900-2500 SCC
Swing check valve

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1 Robust and high-strength cast steel body

- Ideal for very high pressures and temperatures.
- Large range of cast materials.

2 Reliable sealing to atmosphere

- Compact pressure seal bonnet with pure graphite gasket.
- Graphite gland packing with packing end rings.

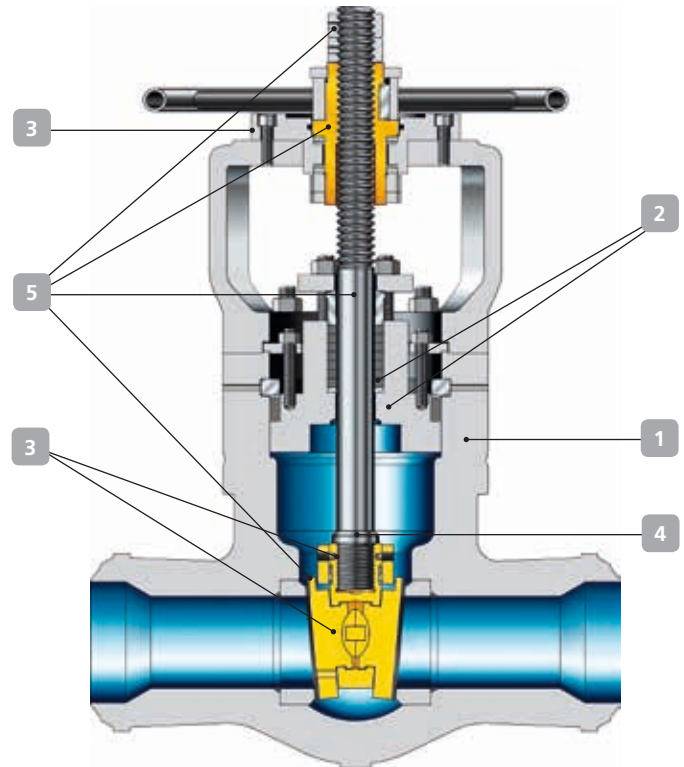
3 Reliable, tight shut-off and service-friendly design

- Wedge holder with flexibly mounted split wedge. Precise alignment of wedge halves with body seat; wedge halves are easy to replace.
- Actuating moments are absorbed by the wedge holder and guide ribs in the body.
- Straightforward actuator mounting with ISO flange at the yoke head. No need to dismantle pressure-retaining components.

4 Additional safety and blow-out protection by standard back seat

5 Long service life and high functional reliability

- Standard stop nut limits wedge action, thus preventing jamming in the closed position. Reliable opening even in the event of temperature transients.
- of the gland packing due stem with burnished shank.
- Threaded bush runs in ball bearings for smooth actuation.
- Hard-faced seat / disc interface made of stellite.



Materials*

| | |
|-----------------|------------------------|
| ASTM A 216 WCB | up to 425 °C / 800 °F |
| ASTM A 217 WC6 | up to 593 °C / 1100 °F |
| ASTM A 217 WC9 | up to 593 °C / 1100 °F |
| ASTM A 217 C12A | up to 650 °C / 1200 °F |

*Other materials on request.

Technical data*

| | |
|--------------|---------------------------|
| Nominal size | DN 50 – 600 / 2" – 24" |
| Pressure | up to 430 bar / 6,250 psi |
| Temperature | up to 650 °C / 1,200 °F |

*Higher ratings on request