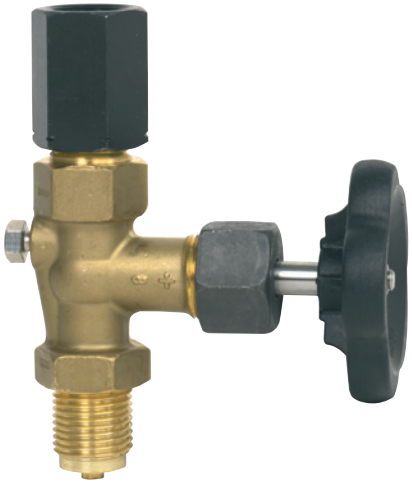
Shut-off valve for pressure measuring instruments Model 910.11, brass, steel or stainless steel

Applications

- Shut-off and throttle valve for pressure measuring instruments, for measuring liquids, gases and vapours
- In stainless steel version for aggressive media, also in aggressive environments
- Process industry: Machine building, general plant construction, chemical/petrochemical, power plants, mining, on- and offshore and environmental technology

Special features

- Shut-off valve without test connection per DIN 16270 (with vent screw)
- Shut-off valve with test connection per DIN 16271 (with vent screw)
- Shut-off valve with separate isolating test connection per DIN 16272
- Nominal pressures to 400 bar



Shut-off valve per DIN 16270, LH-RH adjusting nut / male G ½, PN 250

Shut-off valve with separately isolated test connection per DIN 16272, LH/RH union/male G ½, with test pivot M20 x 1.5, PN 400

Description

Form A version of the shut-off valves is supplied with LH/RH union, and Form B version with shaft for the mounting bracket, with nipple and union nut. Shut-off valves with a test connection are intended for the simultaneous connection of operating pressure measuring instruments and test connection pressure gauges to the pressure pipeline. With shut-off valves per DIN 16271, the test pivot is sealed by a lens-type sealing ring and a screw cap placed on top; with valves per DIN 16272, the test pivot is separately isolated by an additional valve spindle. Shut-off valves are silicone-free.

Data sheets showing similar devices:
Stopcocks for lower pressures; model 910.10; see data sheet AC 09.01

Standard version

Pressure connection
G ½, test connection M20 x 1.5

Valve body
Brass: PN 250, temperature range -10 up to +120 °C
Carbon steel: PN 400, temperature range -10 up to +120 °C
Stainless steel: PN 400, temperature range -20 up to +200 °C

Needle and seating
Corrosion and acid resistant stainless steel

Packing
PTFE

Hand wheel
Heat-resistant plastic

Nominal pressures
See table below

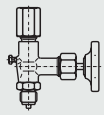
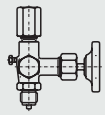
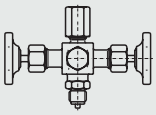
Options

- Free from oil and grease
- Acceptance test certificate per DIN 50049 / EN 10204 3.1
- DVGW version, PN 100, DIN 16270
- Connection M20 x 1.5, ½ NPT
- With bellows sealing up to PN 100
- Design per NACE

Versions for oxygen use

- With PN 100 bar to max. 60 °C
- With PN 160 bar to max. 60 °C
- With PN 250 bar to max. 60 °C
- With PN 230 bar to max. 200 °C (graphite packing)

With steel or stainless steel valve body
- With special packing (pure graphite) up to 250 °C
- Up to PN 640 bar

Design	Connection	PN in bar	Material	Order no.	
				Form A	Form B
DIN 16270 	G ½	250	Ms	9090169	9095098
	G ½	400	St	9090177	9095101
	G ½	400	1.4571	9090967	9095110
DIN 16271  Test connection M20 x 1.5	G ½	250	Ms	9090975	9095128
	G ½	400	St	9090983	9095136
	G ½	400	1.4571	9091157	9095144
DIN 16272  Test connection M20 x 1.5	G ½	250	Ms	9090991	9095152
	G ½	400	St	9091009	9095160
	G ½	400	1.4571	9091017	9095179

Adapter piece for valves with test connection

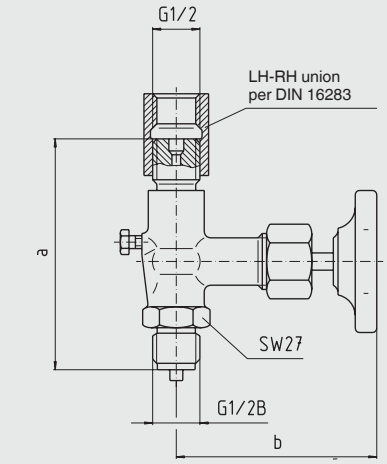
A suitable adapter piece is available for valves with test connection (test female G ½ / female M20 x 1.5).

Design	Material	Order no.
Adapter piece 	Ms	9091700
Test female G ½ / female M20 x 1.5	1.4571	9091726

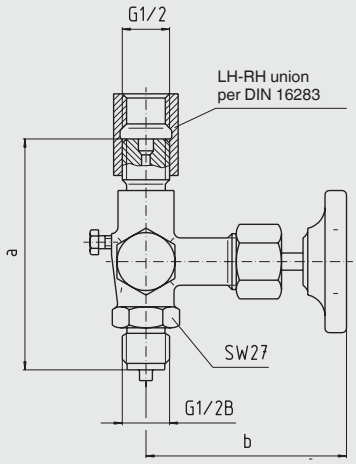
Dimensions in mm

Form A, LH/RH union / male

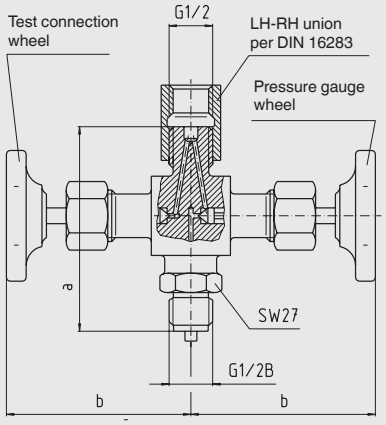
DIN 16270



DIN 16271

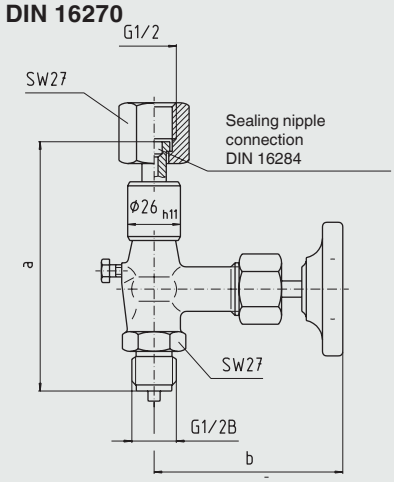


DIN 16272

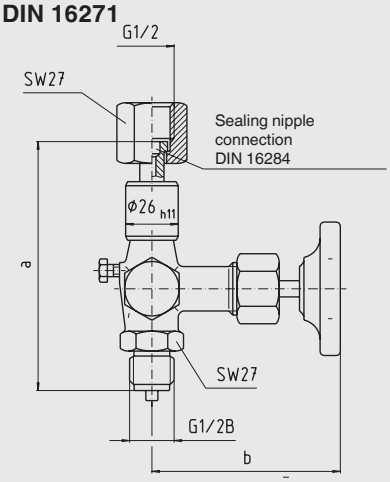


Form B, nipple and union nut / male, with shaft for mounting bracket

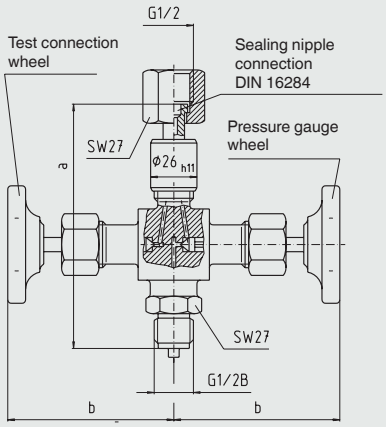
DIN 16270



DIN 16271



DIN 16272



Design	Dimensions in mm		Weight in kg		
	a	b ±5	Ms	St	1.4571
DIN 16270					
Form A	100 ±1	85	0.54	0.52	0.52
Form B	120 ±5	85	0.61	0.56	0.56
DIN 16271					
Form A	100 ±1	85	0.67	0.65	0.65
Form B	120 ±5	85	0.79	0.74	0.74
DIN 16272					
Form A	100 ±1	85	0.95	0.95	0.95
Form B	120 ±5	85	1.00	1.00	1.00

Ordering information

To order, the 7-digit order number is sufficient. Other options require additional specification.

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