



9004/M

Stopcocks

Female / female

9002 to 9003
9004/M to 9004/ES
9005/60 to 9005/40

G 1/4 to G 1/2
PN 6 to 25

Characteristics

Type	Thread G	PN [bar]	Material	Order No.
Female / female 	1/4	6	Brass	9002
	3/8	16	Brass	9003
	1/2	25	Brass	9004/M
	1/2	25	Stainless steel	9004/ES
With test flange 60 x 25 x 10 mm	1/2	25	Brass	9005/60
With test flange Ø40 x 5	1/2	25	Brass	9005/40
Stuffing box (on request)	1/2	25	Brass	9006

Applications

It is advisable to fit a stopcock as a shut-off element between the pressure gauge and the pipe.

Stopcocks can be used for pressure gauges with a maximum rated pressure of PN 25 at medium temperatures from -10 to +50°C to measure **non-toxic, non-flammable** liquids, gases or steam. When the hand lever is set to the "blow out" position, the medium is discharged into the atmosphere.

Shut-off valves should be used at higher pressures!

Types

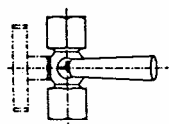
Standard type	Stopcocks with test port
DIN 16261 (G1/2)	
Connection on both sides acc. to table Three possible lever positions: - Vent - Service - Blow out	Connection on both sides acc. to table Four possible lever positions: - Vent - Service - Blow out - Testing

Stopcocks with a test port allow operating and test pressure gauges to be simultaneously connected to the pipe. The third outlet, which normally discharges into the atmosphere, is used in this case for the test pressure gauge.

The operating and test pressure gauges can be simultaneously connected to the pipe using a **fourth plug position**. They are otherwise used in the same way as standard stopcocks.

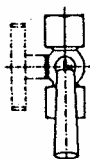
Operating principle

The plug of the cock has two bores arranged in a tee. The following functions are possible depending on the plug position:



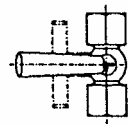
Vent

Supply line closed,
pressure gauge not
in service



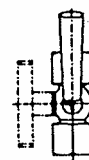
Service

Supply line open,
pressure gauge
under pressure



Blow out

Supply line open,
pressure gauge not
in service



Testing

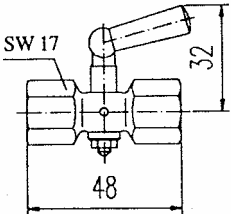
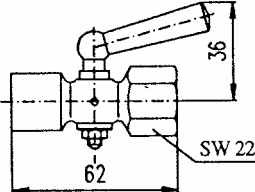
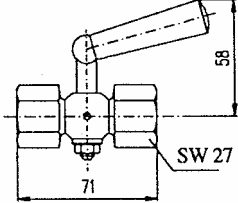
(cock with test
port only)

The service positions are engraved on the plug:

Materials

Part	Order No.	
	9002 to 9005/40	9004/ES
Housing	Brass	Stainless steel 1.4571
Plug	Brass	Stainless steel 1.4571
Hand lever	Heat-resistant plastic	Heat-resistant plastic

Dimensions [mm]

Order No.	9002	9003	9004/M 9004/ES
Dimensions			
Order No.	9005/60	9005/40	9006 (on request)
Dimensions	