

**Pressure gauge cock**

Pressure gauge cocks are intended to isolate the gauges from the medium in order to enable inspection or replacement of the gauge where the pressure is continually pulsating. These cocks are suitable up to 25 bar and a temperature span from -20°C to +50°C. For higher pressure and temperature, valves have to be used.

**Design**

Per DIN 16 261 and 16 262.

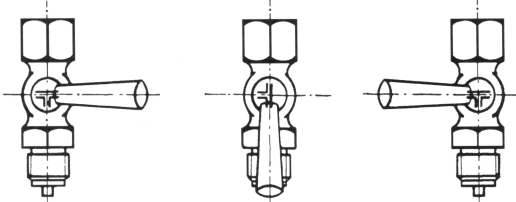
**Connection**

G 1/2 according to DIN 16 288 both sides

**Body and cone**

Material: brass

Operation, indicated by symbol on top of handle:



1. Isolate and vent pressure gauge into the atmosphere
2. Operate pressure gauge (standard position)
3. Isolate pressure gauge and vent pressure system into the atmosphere

**Pressure gauge cock with test connector**

The test connector enables simultaneous connection of a test gauge to test performance of the gauge in service.

**Design**

Per DIN 16 263

**Pressure connection**

G 1/2 according to DIN 16 288 both sides

**Test connector**

Male thread M 20 x 1.5  
or test flange 60 x 25 x 10 mm or Ø 40 x 5 mm

**Body and cone**

Material: brass

The handle features a fourth position in addition to the 3 standard positions. In the fourth position both pressure gauge and test gauge are connected to the medium.

**Pressure rating**

25 bar

**Optional extras**

Materials: chromed brass; carbon steel; stainless steel AISI 316 Ti; thread other than G 1/2 degreased for oxygen

**Pressure gauge valve**

Pressure gauge valves are intended to isolate the gauge from the medium or to provide a means of throttling and damping pressure pulses.

**Design**

Plain valves DIN 16 270

Valves with test connector DIN 16271

Valves with test connector and extra shut-off device DIN 16272

Valves with test connector enable simultaneous connection of a test gauge to test performance of the pressure gauge in service. The test connector is normally closed by a sealing cap (DIN 16271) or by an extra shut-off device (DIN 16272).

**Connection**

G 1/2 according to DIN 16 288 both sides

**Hand wheel**

Thermoset plastic

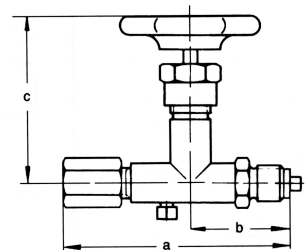
**Body**

Material	Brass	Steel	AISI 316 Ti
Max. pressure PN in bar	250	400	400
Max. temperature in °C	120	200	200

**Needle and seating**

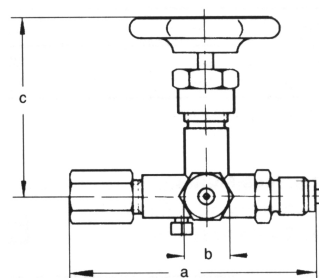
Corrosion resistant stainless steel

Valve per DIN 16 270  
LH/RH -union - male thread

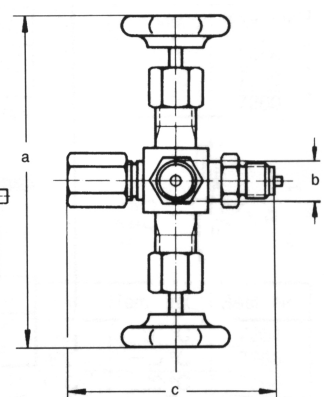


**Dimensions and weight**

Design	According to DIN 16 288	Dimensions in [ mm ]			Weight in [ kg ] ca.		
		a	b	c	Brass	Steel	316 Ti
Plain valve	G 1/2	114	50	87	0,55	0,50	0,53



Valve per DIN 16271  
LH/RH union - male thread  
with test connector M 20 x 1.5



Valve per DIN 16272  
LH/RH union - male thread  
with test connector M 20 x 1.5  
and extra shut-off device

Design	Dimensions in [ mm ]			Weight in [ kg ] ca.		
	a	b	c	Brass	Steel	316 Ti
Valve per DIN 16 271 with test connector M 20 x 1,5	114	M 20 x 1,5	90	0,67	0,65	0,65
Valve per DIN 16 272 with test connector M 20 x 1,5 and extra shut-off device	190	M 20 x 1,5	105	0,92	0,92	0,94