PRESSURE GAUGE COCK and PRESSURE GAUGE VALVE

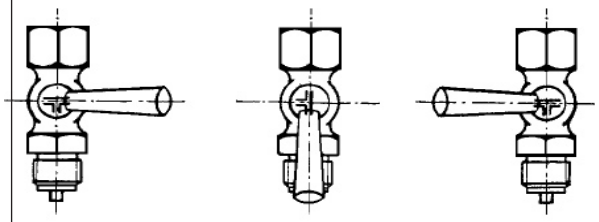
Pressure gauge cock

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

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 1.4571; 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).

Conncection
G 1/2 according to DIN 16 288 both sides

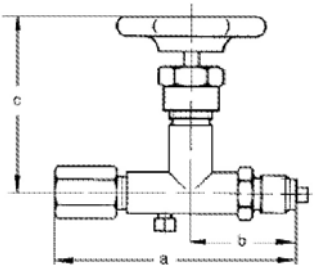
Hand wheel
Thermoset plastic

Body

Material	Brass	Steel	1.4571
Max. pressure PN in bar	250	400	400
Max. temperature in °C	120	400	200

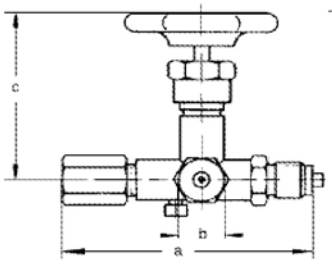
Needle and seating
Corrosion resistant stainless steel

Dimensions and weight

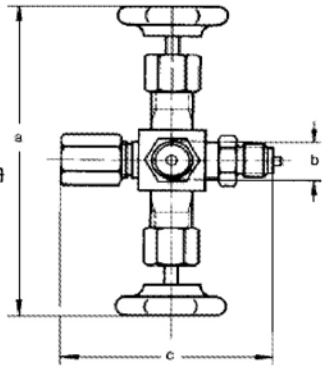


Valve per DIN 16270
LH/RH union - male thread

Design	According to DIN 16 288	Dimensions in mm			Weight in kg ca.		
		a	b	c	Brass	1.4571	Steel
Plain valve	G 1/2	114	50	87	0.55	0.53	0.5



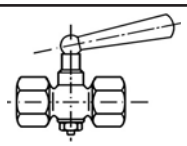
Valve per DIN 16271
LH/RH union - male thread
with test connector M 20 x 1.5



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

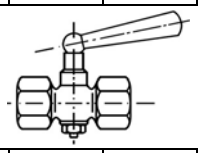
Design	Dimensions in mm			Weight in kg ca.		
	a	b	c	Brass	1.4571	Steel
Valve per DIN 16 271 with test connector M 20 x 1.5	114	M 20 x 1.5	90	0.67	0.65	0.65
Valve per DIN 16 271 with test connector M 20 x 1.5 and extra shut off device	190	M 20 x 1.5	105	0.92	0.94	0,92

Female / female



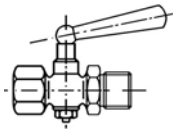
Thread	Material	PN	Max. temp.	Art. no.
G 1/4	Brass	6	50°C	7200
G 1/2	Brass	10	50°C	7202

Female / female



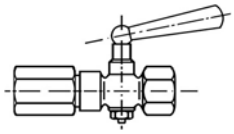
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7212
G 1/2	1.4571	25	50°C	7216

Male / female



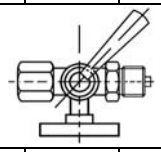
Thread	Material	PN	Max. temp.	Art. no.
G 1/4	Brass	6	50°C	7208
G 1/2	Brass	10	50°C	7210

Female / union nut L/H



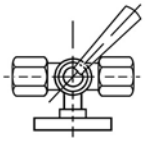
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7230

Male / female
With test flange 60 x 25 mm



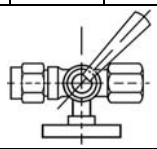
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7241

Female / female
With test flange 60 x 25 mm



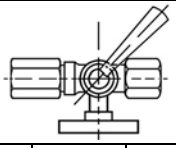
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7248

Female / union nut
With test flange 60 x 25 mm
With stuffing box



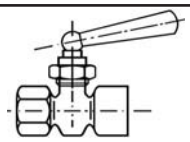
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	80°C	7253

Female / union nut L/H
With test flange 60 x 25 mm



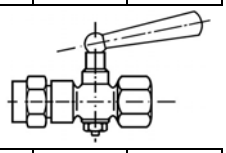
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7254

Female / female
With stuffing box



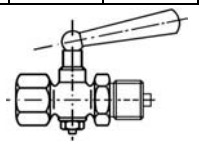
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	10	80°C	7207

Female / union nut



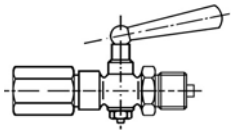
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	10	50°C	7214

Male / female



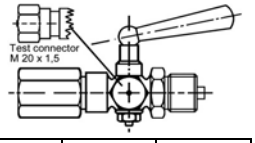
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7219
G 1/2	1.4571	25	50°C	7223

Male / union nut L/H



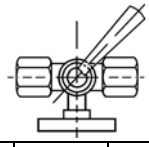
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7233
G 1/2	1.4571	25	50°C	7237

Male / union nut L/H
With test connector
M 20 x 1,5



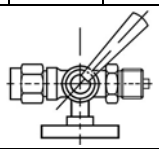
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7235

Female / female
With test flange 60 x 25 mm
With stuffing box



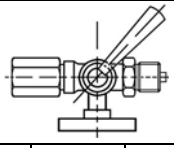
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	80°C	7249

Male / union nut
With test flange 60 x 25 mm
With stuffing box



Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	80°C	7251

Male / union nut L/H
With test flange 60 x 25 mm



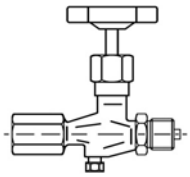
Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	25	50°C	7255
G 1/2	1.4571	25	50°C	7247

Special designed types will be surcharged:

Oxygen, oil and grease-free
Test flange not 60 x 25 mm but round Ø 40 x 5 mm.

PRESSURE GAUGE VALVE with and without test connector
PUSH-BUTTON STOPCOCK

DIN 16270
Form A
Male / union nut L/H

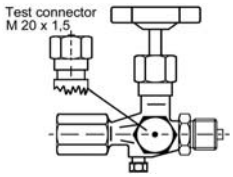


Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7258
G 1/2	Steel	400	400°C	7259
G 1/2	1.4571	400	200°C	7260

DIN 16270
Form B with adapter for instrument holder
Male / union nut

Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7273
G 1/2	Steel	400	400°C	7274
G 1/2	1.4571	400	200°C	7275

DIN 16271
Form A
Male / union nut L/H
With test connector
M 20 x 1,5

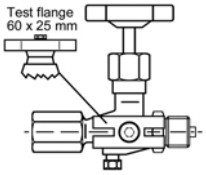


Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7261
G 1/2	Steel	400	400°C	7262
G 1/2	1.4571	400	200°C	7263

DIN 16271
Form B with adapter for instrument holder
Male / union nut
With test connector
M 20 x 1,5

Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7276
G 1/2	Steel	400	400°C	7277
G 1/2	1.4571	400	200°C	7278

DIN 16271
Form A
Male / union nut L/H
With test flange
60 x 25 mm

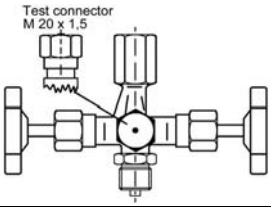


Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7264
G 1/2	Steel	400	400°C	7265
G 1/2	1.4571	400	200°C	7266

DIN 16271
Form B with adapter for instrument holder
Male / union nut
With test flange
60 x 25 mm

Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7279
G 1/2	Steel	400	400°C	7280
G 1/2	1.4571	400	200°C	7281

Double valve
DIN 16272
Form A
Male / union nut L/H
With test connector
M 20 x 1,5

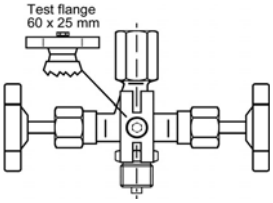


Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7267
G 1/2	Steel	400	400°C	7268
G 1/2	1.4571	400	200°C	7269

Double valve
DIN 16272
Form B with adapter for instrument holder
Male / union nut
With test connector
M 20 x 1,5

Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7282
G 1/2	Steel	400	400°C	7283
G 1/2	1.4571	400	200°C	7284

Double valve
DIN 16272
Form A
Male / union nut L/H
With test flange
60 x 25 mm



Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7270
G 1/2	Steel	400	400°C	7271
G 1/2	1.4571	400	200°C	7272

Double valve
DIN 16272
Form B with adapter for instrument holder
Male / union nut
With test flange
60 x 25 mm

Thread	Material	PN	Max. temp.	Art. no.
G 1/2	Brass	250	120°C	7285
G 1/2	Steel	400	400°C	7286
G 1/2	1.4571	400	200°C	7287

Special designed types will be surcharged:

Oxygen, oil and grease-free
Test flange not 60 x 25 mm but round Ø 40 x 5 mm.

PUSH-BUTTON STOPCOCK made of brass nickel-plated

For media:	Mineral oil, fats, natural gas	Hot water	Aggressive media
Article number:	7242	7256	7257
Thread:	G 1/2	G 1/2	G 1/2
Washer:	NBR	EPDM	VITON
PN:	4	10	10
Max. temperature:	-5+60°C	-5+100°C	-5+150°C