

Pressure Gauge Cocks

Model 910.10

Accessories, Mechanical

Service intended

Pressure gauge cocks are intended to isolate the pressure gauge from the pressure medium in order to enable inspection or replacement of the gauge and also to extend the service life of the pressure gauge where the pressure is continually pulsating. Pressure gauge cocks are suitable up to 16 bar pressure rating (PN 16) and a temperature $T \leq 50^\circ\text{C}$. Higher pressure and temperature can be handled by pressure gauge valves (see data sheet AM 09.02).

Design

Per DIN 16 261 to 16 262

Standard features

Pressure connection and pressure rating

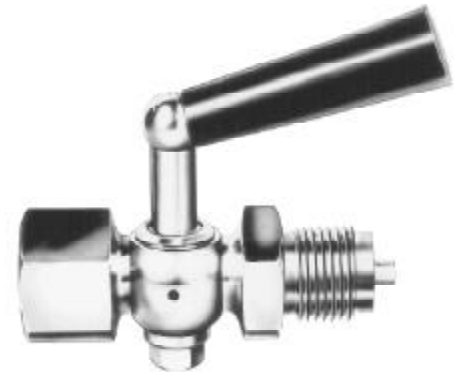
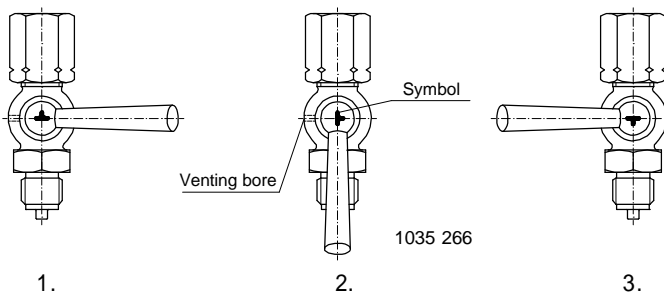
See table overleaf

Body and cone

Material: brass and stainless steel 1.4571 bright
Cone installed with silicon free grease

Operation indicated by symbol on top of handle:

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



Brass pressure gauge cock
Female/Male G $\frac{1}{2}$, PN 16



Brass pressure gauge cock
Female/Union nut G $\frac{1}{2}$, PN 16

Optional extras

- Materials: chromed brass
carbon steel
stainless steel 1.4571
- Cone with gland packing (without venting bore)
- Cock with press button (not according per DIN)

Pressure gauge cocks with test connection

The test connection enables simultaneous connection of a test gauge to test performance of the pressure gauge in service. Design per DIN 16 263.

Pressure connection

G $\frac{1}{2}$ female, EN 837-1 both sides

Test connection

Male thread M 20 x 1.5 or test flange \varnothing 40 x 5 mm or 60 x 25 x 10 m

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 with the pressure medium.




Pressure rating

25 bar

Optional extras

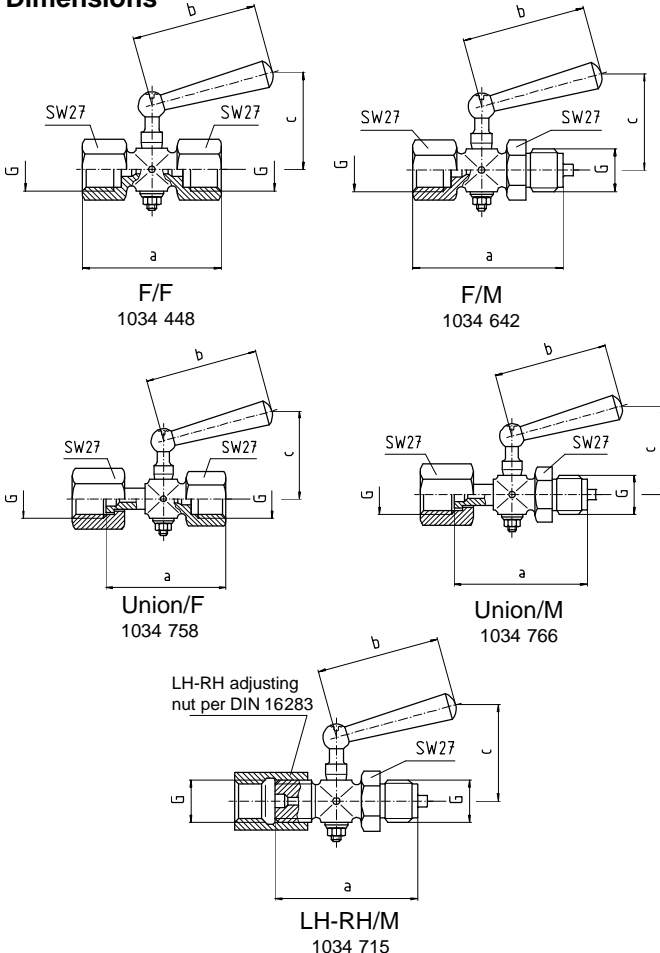
- Materials: chromed brass
carbon steel
stainless steel 1.4571
- Thread other than G $\frac{1}{2}$

Design	Entry	PN [bar]	Material	Product no.
Female/Female (F/F) 	G ¼	6	brass	9090029
	G ⅜	16	brass	9091807
	G ½	16	brass	9090045
with test flange Ø 40 x 5 mm	G ½	16	brass	9091777
w. test flange 60 x 40 x 5 mm	G ½	16	brass	9090053
w. gland packing max. 80 °C ¹⁾	G ½	16	brass	9090061
Female/Male (F/M) 	G ¼	6	brass	9090070
	G ⅜	16	brass	9091815
	G ½	16	brass	9090096
with test flange Ø 40 x 5 mm	G ½	16	brass	9091785
w. test flange 60 x 40 x 5 mm	G ½	16	brass	9090100
w. gland packing max. 80 °C ¹⁾	G ½	16	brass	9090118

Design	Entry	PN [bar]	Material	Product no.
Union nut/Female (Union/F) 	G ½	16	brass	9090126
	w. test flange 60 x 25 x 10 mm	G ½	16	brass
Union nut/Male (Union/M) 	G ½	16	brass	9090142
	w. test flange 60 x 25 x 10 mm	G ½	16	brass
LH-RH adjusting nut Male (LH-RH/M) 	G ¼	6	brass	9095080
	G ½	16	1.4571	9090959
	with test connection M 20 x 1.5	G ½	16	brass
	G ½	16	1.4571	9091149

1) Without venting bore

Dimensions



Design	Entry per DIN 16 261	Dimensions [mm]			Weight [kg]
		a ± 3	b ± 3	c ± 3	
F/F	G ¼	44	30	35	0.06
F/M	G ¼	51	30	35	0.06
F/F	G ½	70	65	60	0.25
F/M	G ½	80	65	60	0.28
Union/F	G ½	75	65	60	0.32
Union/M	G ½	83	65	60	0.33
LH-RH/M	G ½	80	65	60	0.40
F/F	G ⅜	62	43	36	0.14
F/M	G ⅜	57	43	36	0.12
LH-RH/M	G ¼	55	30	36	0.07

Ordering information

To order the described products the 7-digit product number is sufficient / Optional extras required



INGENIEROS ASOCIADOS DE CONTROL S.L.
Telf.: 913831390
comercial@ac-sl.es