

One stage cylinder pressure regulator brass

model: 1BH

inlet pressure max. 210 bar

adjustable range:

type 1BH-1: 0 - 1,5 bar

type 1BH-2: 0 - 3,5 bar

type 1BH-3: 0 - 7 bar

type 1BH-4: 0 - 15 bar

type 1BH-5: 0 - 30 bar

body: brass, optional: chrome plated

diaphragm: stainless steel

housing seal: Perbunan

seat: PVDF

filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder connection DIN 477 / shut-off/flow control valve with outlet 6 mm

tube fitting / safety relief valve with outlet thread 1/4" NPT M

optional: safety relief valve integrated in body



One stage cylinder pressure regulator brass

model: 1B300

inlet pressure max. 310 bar

adjustable range:

type 1B300-1: 0 - 1,5 bar

type 1B300-2: 0 - 3,5 bar

type 1B300-3: 0 - 7 bar

type 1B300-4: 0 - 15 bar

type 1B300-5: 0 - 30 bar

body: brass, optional: chrome plated

diaphragm: stainless steel

housing seal: Perbunan

seat: KEL-f

filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder connection DIN 477

shut-off/flow control valve with outlet 6 mm tube fitting / safety relief valve with outlet thread 1/4" NPT M

optional: safety relief valve integrated in body



One stage cylinder pressure regulator stainless steel

model: 1SSL

inlet pressure max. 70 bar

model: 1SSH

inlet pressure max. 210 bar

adjustable range:

type 1SSL-1/1SSH-1: 0 - 1,5 bar

type 1SSL-2/1SSH-2: 0 - 3,5 bar

type 1SSL-3/1SSH-3: 0 - 7 bar

type 1SSL-4/1SSH-4: 0 - 15 bar

type 1SSL-5/1SSH-5: 0 - 30 bar

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: PTFE/PVDF

filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder connection DIN 477

shut-off/flow control valve with outlet 6 mm tube fitting / safety relief valve with outlet thread 1/8" NPT F / 1/4" NPT M



One stage cylinder pressure regulator stainless steel

with purge system

model: 1SSL-PS

inlet pressure max. 70 bar

model: 1SSH-PS

inlet pressure max. 210 bar

adjustable range:

type 1SSL-PS-1/1SSH-PS-1: 0 - 1,5 bar

type 1SSL-PS-2/1SSH-PS-2: 0 - 3,5 bar

type 1SSL-PS-3/1SSH-PS-3: 0 - 7 bar

type 1SSL-PS-4/1SSH-PS-4: 0 - 15 bar

type 1SSL-PS-5/1SSH-PS-5: 0 - 30 bar

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: PTFE/PVDF

filter: 50 micron

fitted with:

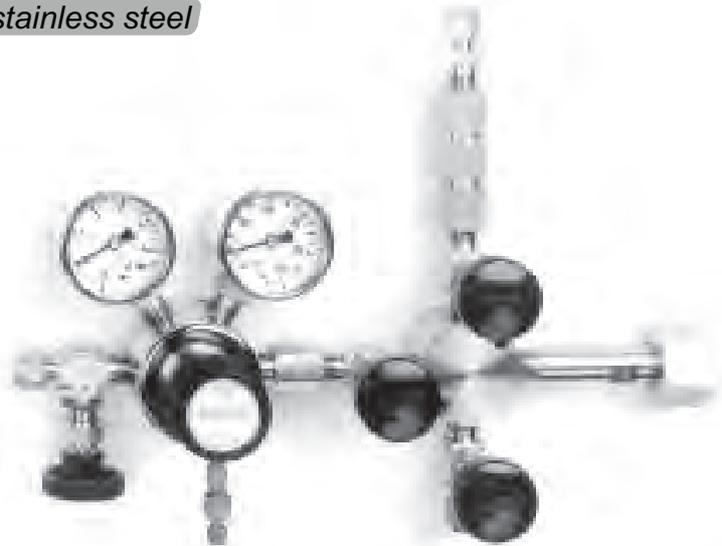
cylinder gauge / outlet gauge / cylinder connection DIN 477

shut-off/flow control valve with outlet 6 mm tube fitting / safety relief valve with outlet thread 6 mm

purge system fitted with:

three shutoff valves / one non-return valve

purge in- and outlet 6 mm tube fitting



One stage cylinder pressure regulator Monel

for high corrosive gases

model: 1ML

inlet pressure max. 70 bar

model: 1MH

inlet pressure max. 210 bar

adjustable range:

type 1ML-1/1MH-1: 0 - 1,5 bar

type 1ML-2/1MH-2: 0 - 3,5 bar

type 1ML-3/1MH-3: 0 - 7 bar

type 1ML-4/1MH-4: 0 - 15 bar

type 1ML-5/1MH-5: 0 - 30 bar

body: Monel

diaphragm: Hastelloy

housing seal: EPDM or Viton

seat: PTFE / PVDF

filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder connection DIN 477

shut-off/flow control valve with outlet 6 mm tube fitting

safety relief valve with outlet thread 1/8" NPT F / 1/4" NPT M



One stage cylinder pressure regulator Monel

for high corrosive gases
with purge system
model: 1ML-PS
inlet pressure max. 70 bar
model: 1MH-PS
inlet pressure max. 210 bar

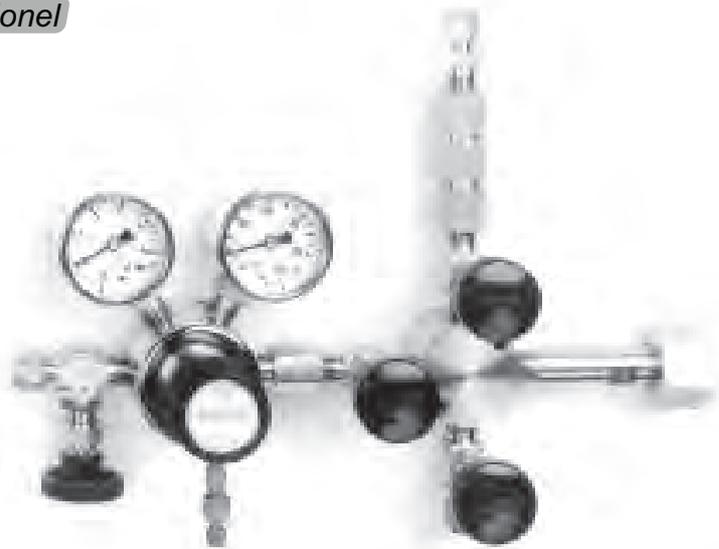
adjustable range:

type 1ML-PS-1/1MH-PS-1: 0 - 1,5 bar
type 1ML-PS-2/1MH-PS-2: 0 - 3,5 bar
type 1ML-PS-3/1MH-PS-3: 0 - 7 bar
type 1ML-PS-4/1MH-PS-4: 0 - 15 bar
type 1ML-PS-5/1MH-PS-5: 0 - 30 bar

body: Monel
diaphragm: Hastelloy
housing seal: EPDM or Viton
seat: PTFE/PVDF; filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder connection DIN 477
shut-off/flow control valve with outlet 6 mm tube fitting / safety relief valve with 6 mm tube fitting
purge system fitted with:
three shut-off valves / one non-return valve
purge in- and outlet 6 mm tube fitting



Two stage cylinder pressure regulator brass

model: 2BH
for constant outlet pressure with decreasing cylinder pressure
inlet pressure max. 210 bar

adjustable range:

type 2BH-1: 0 - 1,5 bar
type 2BH-2: 0 - 3,5 bar
type 2BH-3: 0 - 7 bar
type 2BH-4: 0 - 15 bar
type 2BH-5: 0 - 30 bar

body: brass, optional: chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PVDF/PTFE; filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder connection DIN 477
shut-off/flow control valve with outlet 6 mm tube fitting
two safety relief valves with outlet 1/4" NPT M



Two stage cylinder pressure regulator brass

model: 2B300
for constant outlet pressure with decreasing cylinder pressure
inlet pressure max. 310 bar

adjustable range:

type 2B300-1: 0 - 1,5 bar
type 2B300-2: 0 - 3,5 bar
type 2B300-3: 0 - 7 bar
type 2B300-4: 0 - 15 bar
type 2B300-5: 0 - 30 bar

body: brass, optional: chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: KEL-f/PTFE; filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder high pressure connection DIN 477 / shut-off/flow control valve with outlet 6 mm tube fitting / two safety relief valves with outlet 1/4" NPT M



Two stage cylinder pressure regulator stainless steel

model: 2SSH
for constant outlet pressure with decreasing cylinder pressure
inlet pressure max. 210 bar

adjustable range:

type 2SSH-1: 0 - 1,5 bar

type 2SSH-2: 0 - 3,5 bar

type 2SSH-3: 0 - 7 bar

type 2SSH-4: 0 - 15 bar

type 2SSH-5: 0 - 30 bar

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: PVDF/PTFE

filter: 50 micron

fitted with:

cylinder gauge / outlet gauge / cylinder connection DIN 477

shut-off/flow control valve with outlet 6 mm tube fitting / two safety relief valves with outlet thread 1/8" NPT F / 1/4" NPT M



Compact cylinder pressure regulator aluminium

model: ALPHA

inlet pressure max. 210 bar

fixed outlet pressure:

1, 2 or 3 bar

body: aluminium

body diameter: 30 mm

filter: 100 micron

weight: 295 gramm

fitted with:

cylinder gauge / hand-tight cylinder connection DIN 477

safety relief valve integrated in body / outlet 1/8" NPT F

optional: hose nozzle, tube fitting



One stage compact cylinder pressure regulator brass

type: ZEUS 100

body diameter: 40 mm

material: chrome plated

inlet pressure max. 210 bar

outlet pressure fixed at e.g. 3 bar

optional: flow fixed at e.g. 100 l/h

body: chrome plated

diaphragm: stainless steel

housing seal: Perbunan

seat: PVDF

filter: 50 micron

fitted with:

cylinder gauge diameter 40 mm

hand-tight cylinder connection DIN 477

safety relief valve: integrated in body

outlet: hose nozzle, optional: tube fitting or shut-off/flow control valve



One stage compact pressure regulator stainless steel

type ZEUS 1000
body diameter: 40 mm
material: stainless steel 1.4404
inlet pressure max. 210 bar
outlet pressure fixed at e.g. 3 bar
optional: flow fixed at e.g. 100 l/h
body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat: PVDF
filter: 50 micron

fitted with:

cylinder gauge diameter 40 mm / hand-tight cylinder connection DIN 477
outlet: tube fitting, optional: shut-off/flow control valve or hose nozzle
safety relief valve with outlet 1/8" NPT F



One stage compact pressure regulator brass

type ZEUS 200
body diameter: 40 mm
material: brass chrome plated
inlet pressure max. 210 bar

adjustable range:

type ZEUS 200-3,5: 0 - 3,5 bar
type ZEUS 200-7: 0 - 7 bar

or:

adjustable flow range:

type ZEUS 200-F2: 0 - 2 l/min
type ZEUS 200-F6: 0 - 6 l/min
type ZEUS 200-F12: 0 - 12 l/min

brass chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PVDF
filter: 50 micron

fitted with:

cylinder gauge / outlet gauge -1/+5 or -1/+ 9 bar
or flow gauge with range 0 - 2, 0 - 7 or 0 - 14 l/min
hand-tight cylinder connection DIN 477 / safety relief valve integrated in body
outlet: shut-off/flow control valve, optional: hose nozzle, tube fitting
in case of adjustable flow version: outlet hose nozzle



One stage compact pressure regulator stainless steel

type ZEUS 2000
body diameter: 40 mm
material: stainless steel 1.4404
inlet pressure max. 210 bar

adjustable range:

type 2000-3,5: 0 - 3,5 bar
type 2000-7: 0 - 7 bar

body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat: PVDF
filter: 50 µm

fitted with:

cylinder gauge diameter 40 mm
outlet gauge -1/+5 or -1/+9 bar / hand-tight cylinder connection DIN 477
outlet: shut-off/flow control valve with outlet 1/8" NPT M
safety relief valve with outlet 1/8" NPT F



One stage compact pressure regulator brass

type ZEUS 300
body diameter: 40 mm
material: brass chrome plated
inlet pressure max. 210 bar
outlet pressure fixed
body: brass chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PVDF
filter: 50 micron

fitted with:

cylinder gauge diameter 40 mm
hand-tight cylinder connection DIN 477
outlet: flowmeter with needle valve
0 - 1l/min, optional: 0 - 7 or 0 - 15 l/min
safety relief valve in body integrated
outlet: hose nozzle



One stage compact pressure regulator stainless steel

type ZEUS 3000
body diameter: 40 mm
material: stainless steel 1.4404
inlet pressure max. 210 bar
outlet pressure fixed
body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat PVDF
filter: 50 micron

fitted with:

cylinder gauge diameter 40 mm
hand-tight cylinder connection DIN 477
outlet: flowmeter with needle valve and outlet
6 mm tube fitting or hose nozzle
safety relief valve with outlet thread 1/8" NPT F



Two stage compact pressure regulator brass

type ZEUS 102
for constant outlet pressure with decreasing cylinder pressure
body diameter: 40 mm
material: brass chrome plated
inlet pressure max. 210 bar
outlet pressure fixed at e.g. 3 bar
optional: fixed flow at e.g. 100 l/h
body: brass chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PVDF
filter: 50 micron

fitted with:

cylinder gauge diameter 40 mm / hand-tight cylinder connection DIN 477
outlet: hose nozzle, optional: tube fitting or shut-off/flow control valve
two safety relief valves



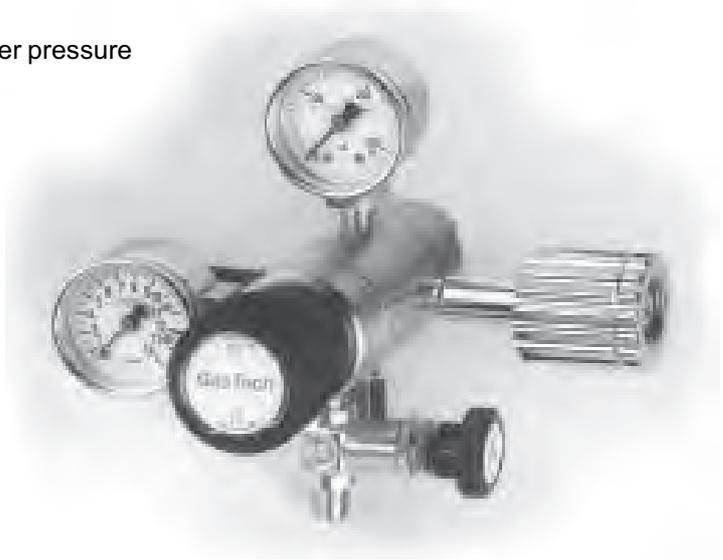
Two stage compact pressure regulator stainless steel

type ZEUS 1002
for constant outlet pressure with decreasing cylinder pressure
body diameter: 40 mm
material: stainless steel 1.4404
inlet pressure max. 210 bar
outlet pressure fixed at e.g. 3 bar
optional: fixed flow at e.g. 100 l/h
body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat: PVDF
filter: 50 micron
fitted with:
cylinder gauge diameter 40 mm / hand-tight cylinder gauge DIN 477
outlet: tube fitting, optional: tube fitting or shut-off/flow control valve
two safety relief valves with outlet 1/8" NPT F



Two stage compact pressure regulator brass

type ZEUS 202
for constant outlet pressure with decreasing cylinder pressure
body diameter: 40 mm
material: brass chrome plated
inlet pressure max. 210 bar
adjustable range:
type 202-3,5: 0 - 3,5 bar
type 202-7: 0 - 7 bar
or adjustable flow:
type 202-F2: 0 - 2 l/min
type 202-F6: 0 - 6 l/min
type 202-F12: 0 - 12 l/min
body: brass chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PVDF/PTFE
filter: 50 micron
fitted with:
cylinder gauge
outlet gauge -1/+5 or -1/+ 9 bar
or liter gauge with range 0 - 2, 0 - 7 or 0 - 14 l/min
hand-tight cylinder connection DIN 477
outlet: shut-off/flow control valve with outlet 1/8" NPT M
in case of adjustable flow version: outlet hose nozzle - two safety relief valves



Two stage compact pressure regulator stainless steel

type ZEUS 2002
for constant outlet pressure with decreasing cylinder pressure
body diameter: 40 mm
material: stainless steel 1.4404
inlet pressure max. 210 bar
adjustable range:
type 2002-3,5: 0 - 3,5 bar
type 2002-7: 0 - 7 bar
body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat: PVDF
filter: 50 micron
fitted with:
cylinder gauge
outlet gauge -1/+5 or -1/+9 bar
hand-tight cylinder connection DIN 477
outlet: shut-off/flow control valve with outlet 1/8" NPT M
two safety relief valves with outlet 1/8" NPT F



Two stage compact pressure regulator brass

type ZEUS 302
for constant outlet pressure with decreasing cylinder pressure
body diameter: 40 mm
material: brass chrome plated
inlet pressure max. 210 bar
outlet pressure fixed
body: brass chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PVDF
filter: 50 micron
fitted with:
cylinder gauge / hand-tight cylinder connection DIN 477
outlet flowmeter with needle valve 0 - 1l/min, optional: 0 - 7 or 0 - 15 l/min
outlet: hose nozzle / two safety relief valves



Two stage compact pressure regulator stainless steel

type ZEUS 3002
for constant outlet pressure with decreasing cylinder pressure
body diameter: 40 mm
material: stainless steel 1.4404
inlet pressure max. 210 bar
outlet pressure fixed
body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat: PVDF / PTFE
filter: 50 micron
fitted with:
cylinder gauge / hand-tight cylinder connection DIN 477
outlet flowmeter with needle valve and outlet 6 mm tube fitting or hose nozzle
two safety relief valves with connecting thread 1/8" NPT F



One stage low pressure regulator stainless steel

type 1SSFDR
inlet pressure max. 15 bar
adjustable range:
type 1SSFDR-1: 1 - 50 mbar
type 1SSFDR-2: 1 - 150 mbar
type 1SSFDR-3: 1 - 300 mbar
type 1SSFDR-4: 50 - 500 mbar
type 1SSFDR-5: 500 - 1000 mbar
body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat: PTFE
filter: 50 micron
fitted with:
cylinder gauge / outlet gauge
cylinder connection DIN 477 / outlet 6 mm tube fitting;
optional: shut-off/flow control valve / safety relief valve with outlet thread 1/4" NPT M
max. flow (Nl/h N₂):

<u>10 mbar</u>	<u>20 mbar</u>	<u>30 mbar</u>	<u>350 mbar</u>
500	820	1100	6800



Two stage low pressure regulator brass

type 2BFDR

inlet pressure max. 210 bar

adjustable range:

type 2BFDR-1: 1 - 50 mbar

type 2BFDR-2: 1 - 150 mbar

type 2BFDR-3: 1 - 300 mbar

type 2BFDR-4: 50 - 500 mbar

type 2BFDR-5: 500 - 1000 mbar

body: brass

optional: chrome plated

diaphragm: stainless steel

housing seal: Perbunan

seat: PVDF/PTFE

filter: 50 micron

fitted with:

cylinder gauge / outlet gauge

cylinder connection DIN 477 / outlet 6 mm tube fitting

optional: shut-off/flow control valve or hose nozzle

two safety relief valves with outlet thread 1/4" NPT M

max. flow (NI/h N₂):

<u>10 mbar</u>	<u>20 mbar</u>	<u>30 mbar</u>	<u>350 mbar</u>
420	730	980	6400



Two stage low pressure regulator stainless steel

type 2SSFDR

inlet pressure max. 210 bar

adjustable range:

type 2SSFDR-1: 1 - 50 mbar

type 2SSFDR-2: 1 - 150 mbar

type 2SSFDR-3: 1 - 300 mbar

type 2SSFDR-4: 50 - 500 mbar

type 2SSFDR-5: 500 - 1000 mbar

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: PVDF/PTFE

filter: 50 micron

fitted with:

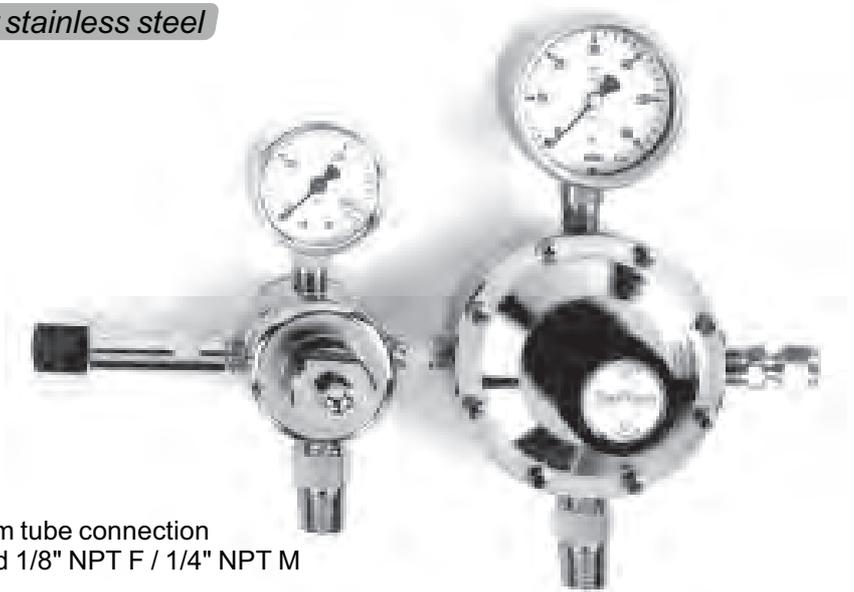
cylinder gauge / outlet gauge

cylinder connection DIN 477 / outlet 6 mm tube connection

two safety relief valves with outlet thread 1/8" NPT F / 1/4" NPT M

max. flow (NI/h N₂):

<u>10 mbar</u>	<u>20 mbar</u>	<u>30 mbar</u>	<u>350 mbar</u>
420	730	980	6400



Cylinder flow control valve

type SSFEV for material stainless steel
type BFEV for material brass
max. pressure 210 bar

fitted with:

flow regulating valve with hand-tight cylinder connection DIN 477
cylinder gauge
outlet 6 mm tube connection
optional: 1/4" / 1/8" tube connection



Heatable pressure regulator electric

type: HCE

material: stainless steel 316L
inlet pressure max. 248 bar
power: 150 Watt
voltage: 240 V
Ex-approval: EEx d II T3, T2 or T1

adjustable range:

type HCE-1: 0 bis 0,7 bar fixed
type HCE-2: 0 bis 1,7 bar fixed
type HCE-3: 0 bis 3,5 bar fixed
type HCE-4: 0 bis 7 bar fixed
type HCE-5: 0 bis 34 bar fixed

available range of temperature in degrees C:
12 - 29 / 24 - 79 / 54 - 149 / 126 - 193

seat: Teflon / Tefzel

fitted with:

inlet 1/8" NPT F at the bottom or lateral 1/4" NPT F
two outlets 1/4" NPT F lateral
optional: outlet pressure gauge



Heatable pressure regulator superheated steam

type: HCST
inlet pressure max. 70 bar
gas temperatur max. 230 Grad C

adjustable range:

type HCST-1: max. 1,5 bar fixed
type HCST-2: max. 3,5 bar fixed
type HCST-3: max. 7 bar fixed
type HCST-4: max. 15 bar fixed
type HCST-5: max. 30 bar fixed

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: PTFE

filter: 50 micron

fitted with:

inlet 1/8" NPT at the bottom / two outlets 1/4" NPT F lateral
stainless steel tube 12x1 mm for charging with superheated steam
optional: outlet gauge



One stage pressure regulator stainless steel

model: 1SS400

for inlet pressure max. 400 bar

adjustable range:

type 1SS400-1: 0 - 1,5 bar

type 1SS400-2: 0 - 3,5 bar

type 1SS400-3: 0 - 7 bar

type 1SS400-4: 0 - 15 bar

type 1SS400-5: 0 - 30 bar

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: KEL-F

filter: 50 micron

fitted with:

inlet gauge / outlet gauge / in- and outlet thread 1/4" NPT

safety relief valve with outlet thread 1/8" NPT F / 1/4" NPT M

optional: cylinder connection 300 bar DIN 477 / low pressure shut-off valve / two stage version available



One stage line pressure regulator brass

model: 1BLL

for inlet pressure max. 70 bar

model: 1BLH

for inlet pressure max. 210 bar; material: brass

adjustable range:

type 1BLL-1/1BLH-1: 0 - 1,5 bar

type 1BLL-2/1BLH-2: 0 - 3,5 bar

type 1BLL-3/1BLH-3: 0 - 7 bar

type 1BLL-4/1BLH-4: 0 - 15 bar

type 1BLL-5/1BLH-5: 0 - 30 bar

body: brass, optional: chrome plated

diaphragm: stainless steel

housing seal: Perbunan

seat: PTFE/PVDF

filter: 50 micron

fitted with:

outlet gauge / in- and outlet 1/4" NPT F

safety relief valve with with outlet thread 1/4" NPT M



One stage line pressure regulator stainless steel

model: 1SSL

for inlet pressure max. 70 bar

model: 1SSLH

for inlet pressure max. 210 bar; material: stainless steel 1.4404

adjustable range:

type 1SSL-1/1SSLH-1: 0 - 1,5 bar

type 1SSL-2/1SSLH-2: 0 - 3,5 bar

type 1SSL-3/1SSLH-3: 0 - 7 bar

type 1SSL-4/1SSLH-4: 0 - 15 bar

type 1SSL-5/1SSLH-5: 0 - 30 bar

body: stainless steel

diaphragm: stainless steel

housing seal: EPDM

seat: PTFE/PVDF

filter: 50 micron

fitted with:

outlet gauge / in- and outlet 1/4" NPT F

safety relief valve with outlet thread 1/8" NPT F / 1/4" NPT M



Low pressure line regulator brass

model: 1BLFDR

material: brass

inlet pressure max. 15 bar

adjustable range:

type 1BLFDR-1: 1 - 50 mbar

type 1BLFDR-2: 1 - 150 mbar

type 1BLFDR-3: 1 - 300 mbar

type 1BLFDR-4: 50 - 500 mbar

type 1BLFDR-5: 500 - 1000 mbar

body: brass, optional: chrome plated

diaphragm: stainless steel

housing seal: Perbunan

seat: PTFE

filter: 50 micron

fitted with:

outlet gauge / in- and outlet 1/4" NPT F

safety relief valve with outlet thread 1/4" NPT M

max. flow (NI/h N₂):

<u>10 mbar</u>	<u>20 mbar</u>	<u>30 mbar</u>	<u>350 mbar</u>
500	820	1100	6800



Low pressure line regulator stainless steel

model: 1SSLFDR

material: stainless steel

inlet pressure max. 15 bar

adjustable range:

type 1SSLFDR-1: 1 - 50 mbar

type 1SSLFDR-2: 1 - 150 mbar

type 1SSLFDR-3: 1 - 300 mbar

type 1SSLFDR-4: 50 - 500 mbar

type 1SSLFDR-5: 500 - 1000 mbar

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: PTFE

filter: 50 micron

fitted with:

outlet gauge / in- and outlet 1/4" NPT F

safety relief valve with outlet thread 1/4" NPT M

max. flow (NI/h N₂):

<u>10 mbar</u>	<u>20 mbar</u>	<u>30 mbar</u>	<u>350 mbar</u>
500	820	1100	6800



Back pressure regulator

type BPC

opens when reaching an adjusted pressure

adjustable range:

type BPC-1: 0,8 - 1,5 bar

type BPC-2: 1,5 - 3,5 bar

type BPC-3: 1,5 - 7 bar

type BPC-4: 7 - 15 bar

type BPC-5: 7 - 30 bar

body: stainless steel 1.4404

diaphragm: stainless steel

housing seal: EPDM

seat: stainless steel / EPDM / optional: Viton

filter: 50 micron

in- and outlet 1/4" NPT F

optional: gauge

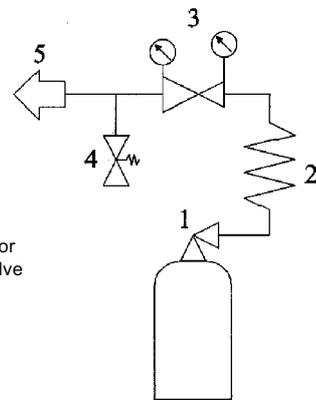


Pressure control station for one gas cylinder

type DRS 1/1
 order no. 1100 for material brass
 order no. 1200 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube connection
- pigtail with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 200 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3m cable for low pressure alarm
- optional: chrome plated brass regulator body



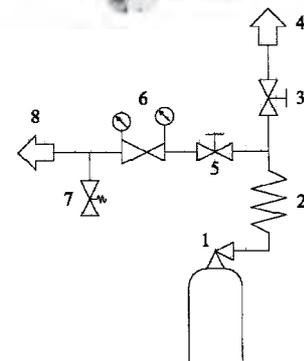
- 1 cylinder valve
- 2 pigtail
- 3 pressure regulator
- 4 safety relief valve
- 5 gas outlet

Pressure control station for one gas cylinder

type DRS 1/1
 with purge system
 order no. 1110 for material brass
 order no. 1210 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube connection
- two shut-off valves for purge system
- pigtail with filter 50 micron and cylinder connection DIN 477
- outlet 6 mm tube fitting
- mounted on a stainless steel panel 300 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm
- optional: chrome plated brass regulator body



- 1 cylinder valve
- 2 pigtail
- 3 purge gas valve
- 4 purge gas outlet
- 5 shut-off valve
- 6 pressure regulator
- 7 safety relief valve
- 8 gas outlet

Pressure control station for one gas cylinder

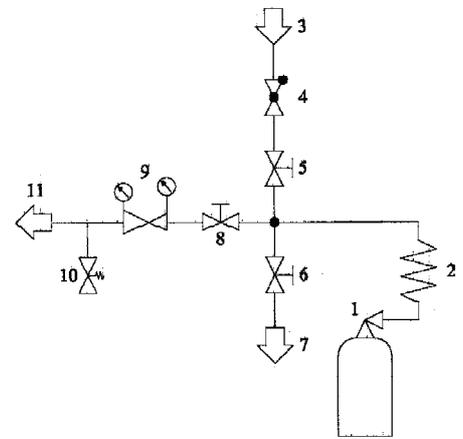
type DRS 1/1
 with purge system for special purge gas like nitrogen
 order no. 1201 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge and outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- three shut-off valves and one non-return valve for purge system
- pig tail with filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 300 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm



- 1 cylinder valve
- 2 pigtail
- 3 purge gas inlet
- 4 non-return valve
- 5 purge gas inlet valve
- 6 purge gas outlet valve
- 7 purge gas outlet
- 8 shut-off valve
- 9 pressure regulator
- 10 safety relief valve
- 11 gas outlet



Pressure control station for two gas cylinders

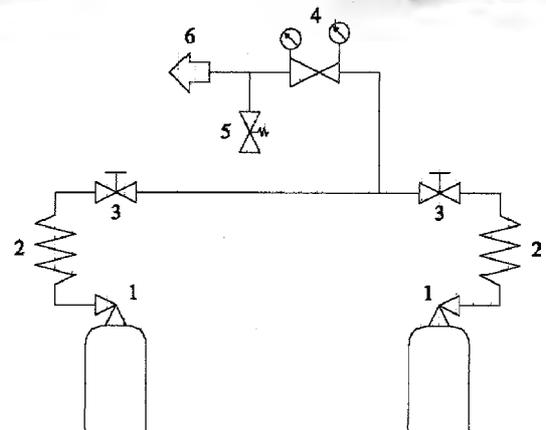
type DRS 2/1
 with manual change-over
 order no. 2100 for material brass
 order no. 2200 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- two high pressure shut-off valves
- two pigtails with filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm
- optional: chrome plated brass regulator body



- 1 cylinder valve
- 2 pigtail
- 3 shut-off valve
- 4 pressure regulator
- 5 safety relief valve
- 6 gas outlet



Pressure control station for two gas cylinders

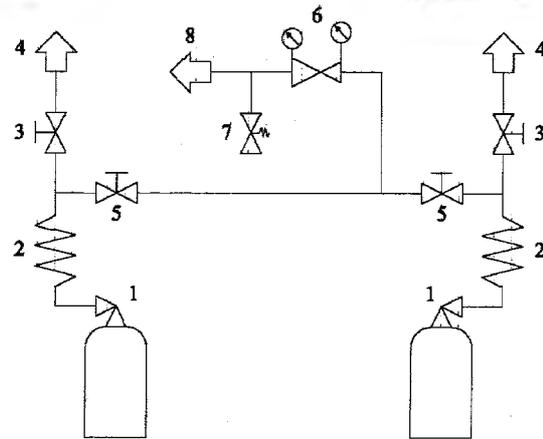
type DRS 2/1
 with manual change-over
 and purge system
 order no. 2110 for material brass
 order no. 2210 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- four high pressure shut-off valves
- purge outlets with 6 mm or 1/4" tube fitting
- two pigtails with filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm
- optional: chrome plated brass regulator body



- 1 cylinder valve
- 2 pigtail
- 3 purge gas outlet valve
- 4 purge gas outlet
- 5 shut-off valve
- 6 pressure regulator
- 7 safety relief valve
- 8 gas outlet

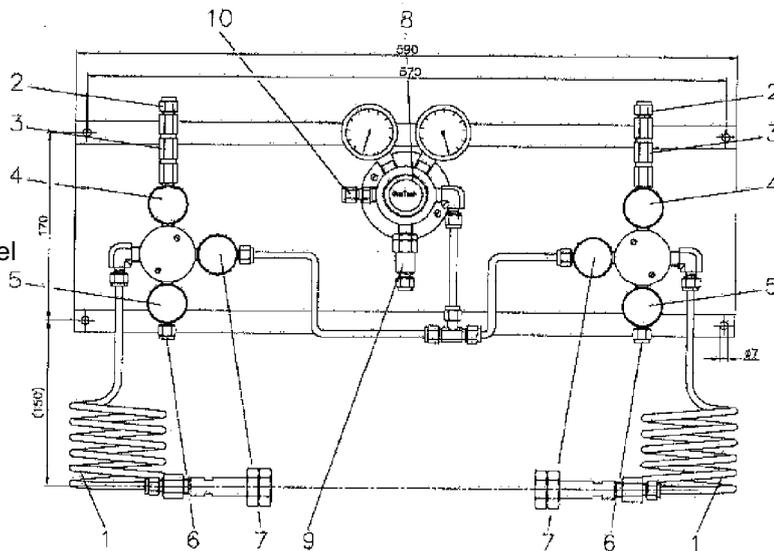


Pressure control station for two gas cylinders

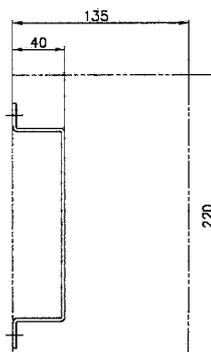
type DRS 2/1
 with manual change-over and
 purge system for each cylinder side
 order no. 2201 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- six high pressure shut-off valves
- two non-return valves
- purge in- and outlets 6 mm or 1/4" tube fitting
- two pigtails with filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm



- 1 pigtail with cylinder connection
- 2 purge gas inlet
- 3 non-return valve
- 4 purge gas inlet valve
- 5 purge gas outlet valve
- 6 purge gas outlet
- 7 shut-off valve
- 8 pressure regulator
- 9 safety relief valve
- 10 gas outlet



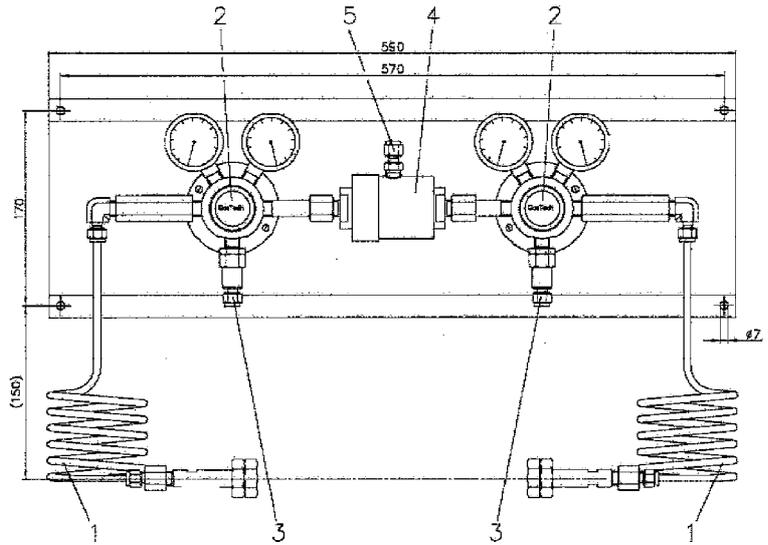
maximum dimensions of the station (plus dimensions of the pigtails !)

Pressure control station for two gas cylinders

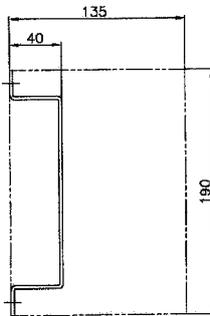
type DRS/A
 with automatic change-over by
 low pressure piston change-over
 order no. 3100 for material brass
 inlet pressure max. 210 bar
 outlet pressure 2 - 15 bar
 or 4 - 30 bar adjustable

fitted with:

- two pressure regulators with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- one low pressure piston change-over
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm
- optional: chrome plated regulator bodies



- 1 pigtail with cylinder connection
- 2 pressure regulator
- 3 safety relief valve
- 4 piston change-over
- 5 gas outlet



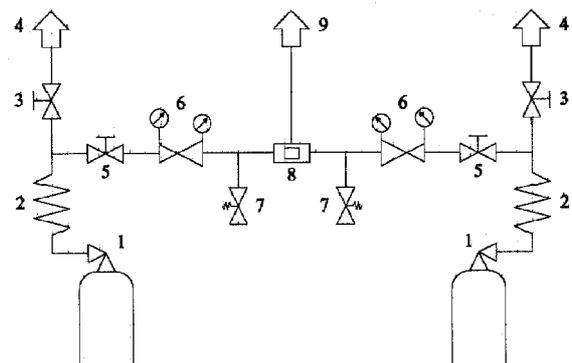
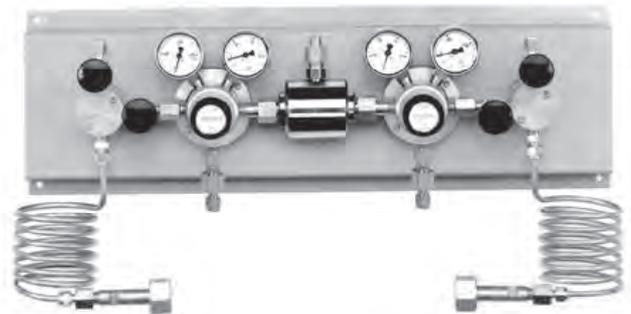
maximum dimensions of the station
 (plus dimensions of the pigtails !)

Pressure control station for two gas cylinders

type DRS/A
 with automatic change-over by low pressure
 piston change-over with purge system
 order no. 3110 for material brass
 inlet pressure max. 210 bar
 outlet pressure 2 - 15 bar or 4 - 30 bar adjustable

fitted with:

- two pressure regulators with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- low pressure piston change-over
- four high pressure shut-off valves
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm
- optional: chrome plated regulator bodies



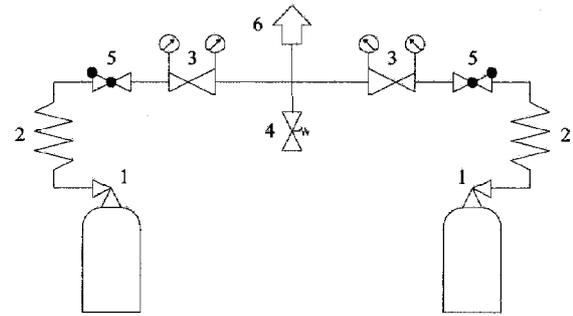
- 1 cylinder gauge
- 2 pigtail
- 3 purge gas outlet valve
- 4 purge gas outlet
- 5 shut-off valve
- 6 pressure regulator
- 7 safety relief valve
- 8 piston change-over
- 9 gas outlet

Pressure control station for two gas cylinders

type DRS/A/H
 with automatical change-over by difference of outlet pressure
 order no. 31001 for material brass
 order no. 32001 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure fixed at 8 - 12 bar
 optional: higher outlet pressure e.g. 30 bar

fitted with:

- indicator for cylinder in use
- two high pressure regulators with cylinder gauge and outlet gauge
- one safety relief valve with outlet 6 mm or 1/4" tube fitting
- two non return valves
- two pigtails with filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm
- optional: chrome plated brass regulator bodies



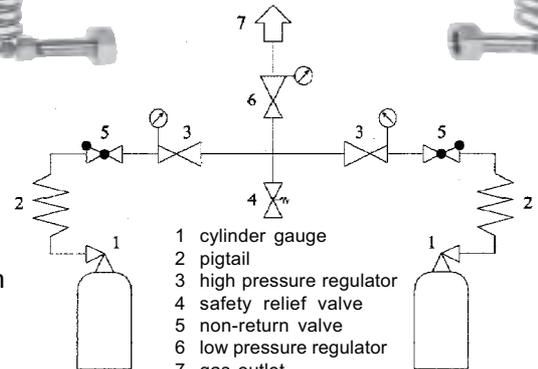
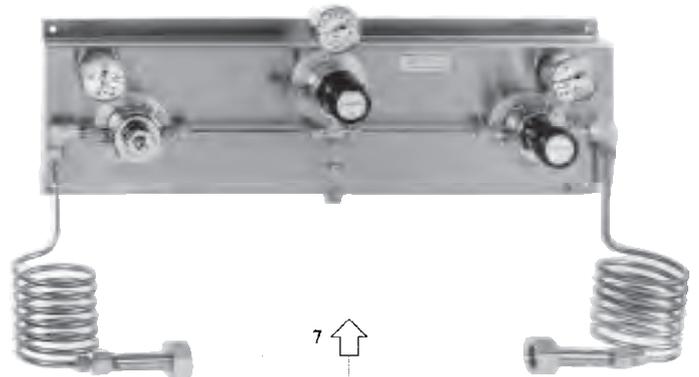
- 1 cylinder valve
- 2 pigtail
- 3 high pressure regulator
- 4 safety relief valve
- 5 check valve
- 6 gas outlet

Pressure control station for two gas cylinders

type DRS/A/H
 with automatical change-over by difference of outlet pressure
 two stage version for constant outlet pressure
 order no. 31002 for material brass
 order no. 32002 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0,1 - 8 bar adjustable

fitted with:

- indicator for cylinder in use
- two high pressure regulators with cylinder gauge
- one safety relief valve with outlet 6 mm or 1/4" tube fitting
- one low pressure regulator with outlet gauge
- two non-return valves
- two pigtails with filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm
- optional: chrome plated brass regulator bodies

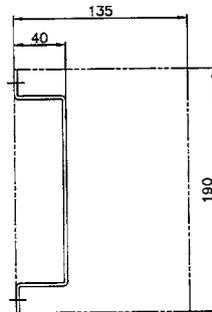
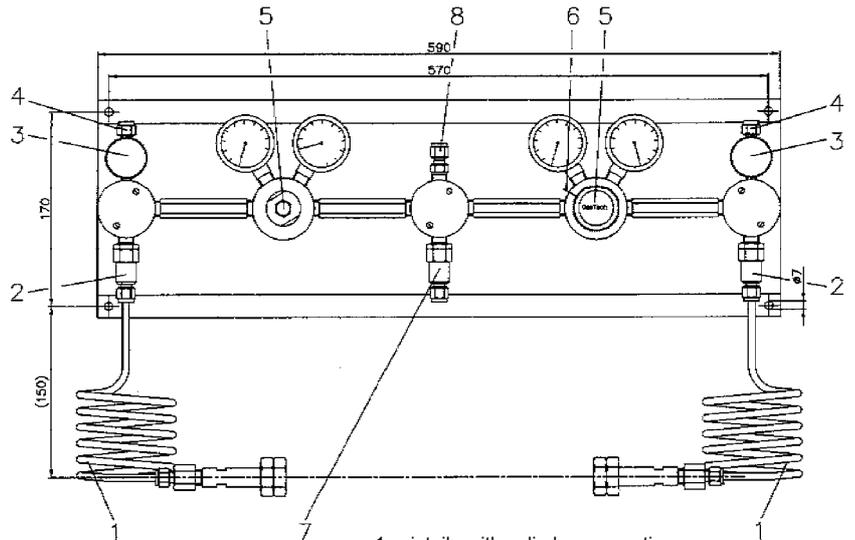


- 1 cylinder gauge
- 2 pigtail
- 3 high pressure regulator
- 4 safety relief valve
- 5 non-return valve
- 6 low pressure regulator
- 7 gas outlet

Pressure control station for two gas cylinders

type DRS/A/H
 with automatic change-over by
 difference of outlet pressure
 with purge system
 one stage version
 order no. 31101 for material brass
 order no. 32101 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure fixed at 8 - 12 bar
 fitted with:

- indicator for cylinder in use
- two high pressure regulators with cylinder gauge and outlet gauge
- one safety relief valve with outlet 6 mm or 1/4" tube fitting
- two purge gas valves
- two non-return valves
- purge outlets with 6 mm or 1/4" tube fitting
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm
- optional: chrome plated brass regulator bodies



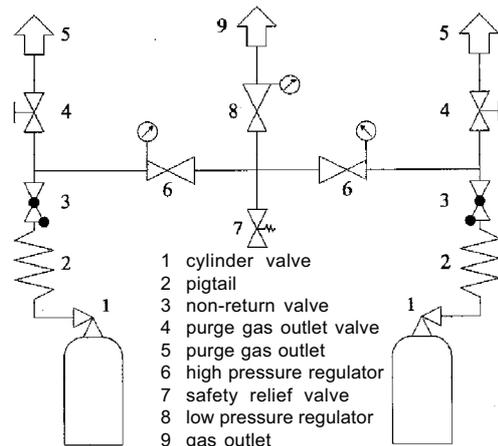
- 1 pigtails with cylinder connection
- 2 non-return valve
- 3 purge gas outlet valve
- 4 purge gas outlet
- 5 high pressure regulator
- 6 indicator for „right or left cylinder“ in use
- 7 safety relief valve
- 8 gas outlet

maximum dimensions of the station (plus dimensions of the pigtails !)

Pressure control station for two gas cylinders

type DRS/A/H
 with automatic change-over by
 difference of outlet pressure
 with purge system
 two stage version for constant outlet pressure
 order no. 31102 for material brass
 order no. 32102 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0,1 - 8 bar adjustable

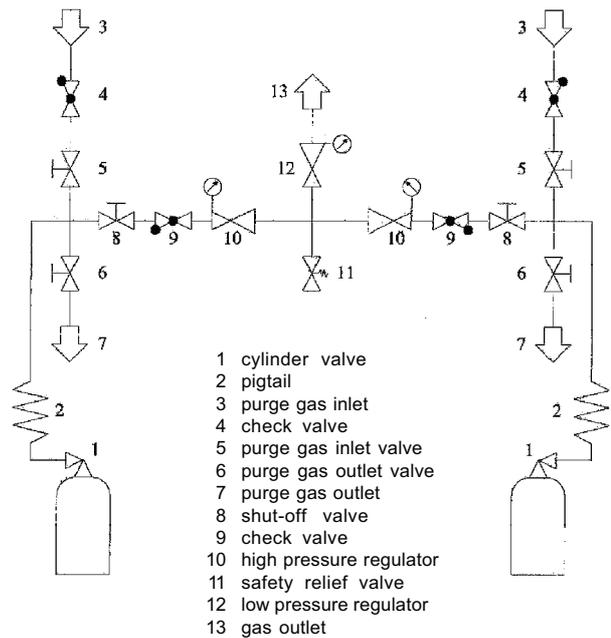
- fitted with:
- indicator for cylinder in use
 - two high pressure regulators with cylinders gauges
 - one safety relief valve with outlet 6 mm or 1/4" tube fitting
 - one low pressure regulator with outlet gauge
 - two purge gas outlet valves
 - two non-return valves
 - purge gas outlets with 6 mm or 1/4" tube fitting
 - two pigtails with inlet filter 50 micron and cylinder connection DIN 477
 - outlet 6 mm or 1/4" tube fitting
 - mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
 - optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm
 - optional: chrome plated brass regulator bodies



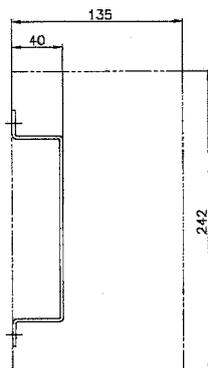
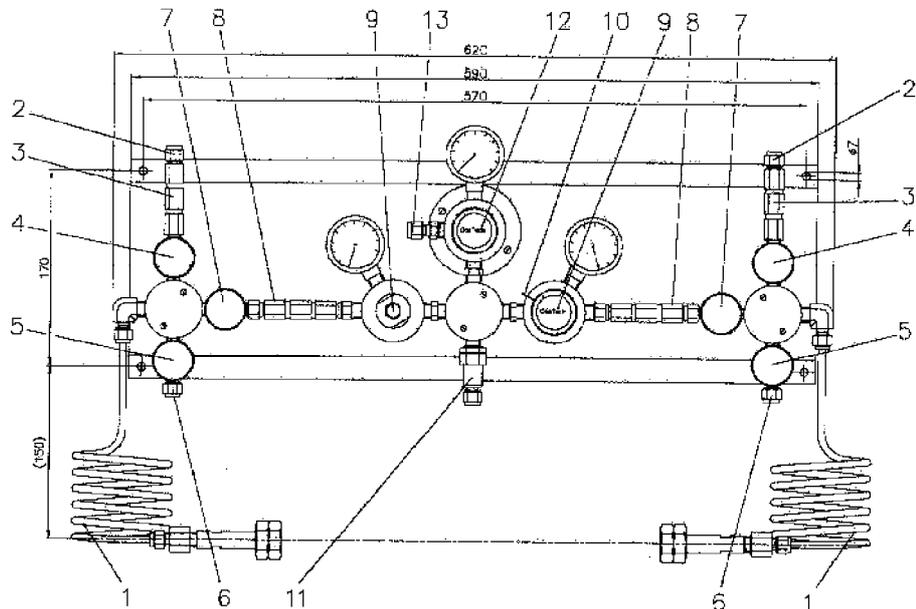
Pressure control station for two gas cylinders

type DRS/A/H
 with automatic change-over by
 difference of outlet pressure
 with purge system on both sides
 two stage version for constant outlet pressure
 order no. 32012 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure about 0,1 - 8 bar adjustable
 fitted with:

- indicator for cylinder in use
- two high pressure regulators
- with cylinder gauge
- one safety relief valve
- with outlet 6 mm or 1/4" tube fitting
- one low pressure regulator with outlet gauge
- six high pressure shut-off valves
- four non-return valves
- purge in- and outlets with 6 mm or 1/4" tube fitting
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm
- optional: with order no. 32011 in one stage version without low pressure regulator
- outlet pressure fixed at 8 - 12 bar



- 1 pigtail with cylinder connection
- 2 purge gas inlet
- 3 non-return valve
- 4 purge gas inlet valve
- 5 purge gas outlet valve
- 6 purge gas outlet
- 7 shut-off valve
- 8 non-return valve
- 9 high pressure regulator
- 10 indicator for „right or left cylinder“ in use
- 11 safety relief valve
- 12 low pressure reducer
- 13 gas outlet



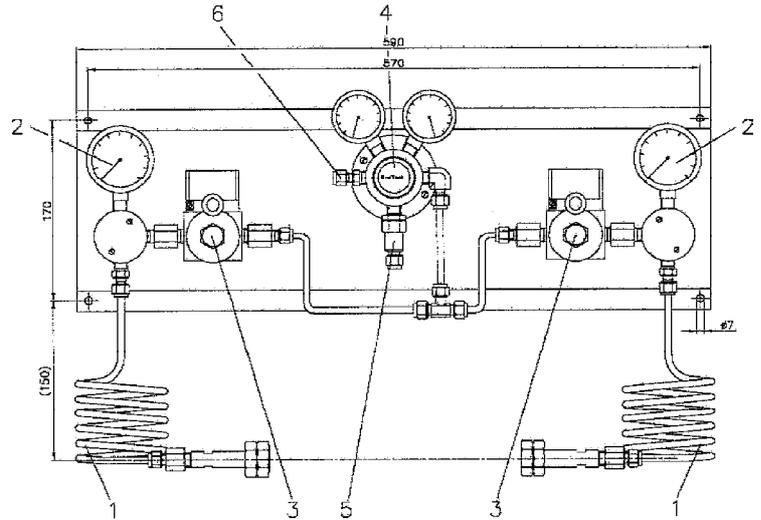
maximum dimensions of the station (plus dimensions of the pigtails !)

Pressure control station for two gas cylinders

type DRS/A/MV
 with automatical change-over
 by solenoid valves
 order no. 4100 for material brass
 order no. 4200 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- two adjustable Reed contact gauges 250 bar, with 3 m cable, contact opens with falling pressure
- two high pressure solenoid valves two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: signal- und controlbox for indicating gas deficiency and controlling the solenoid valves
- optional: chrome plated brass regulator bodies



- 1 pigtail with cylinder connection
- 2 Reed contact gauge
- 3 solenoid valve
- 4 pressure regulator
- 5 safety relief valve
- 6 gas outlet

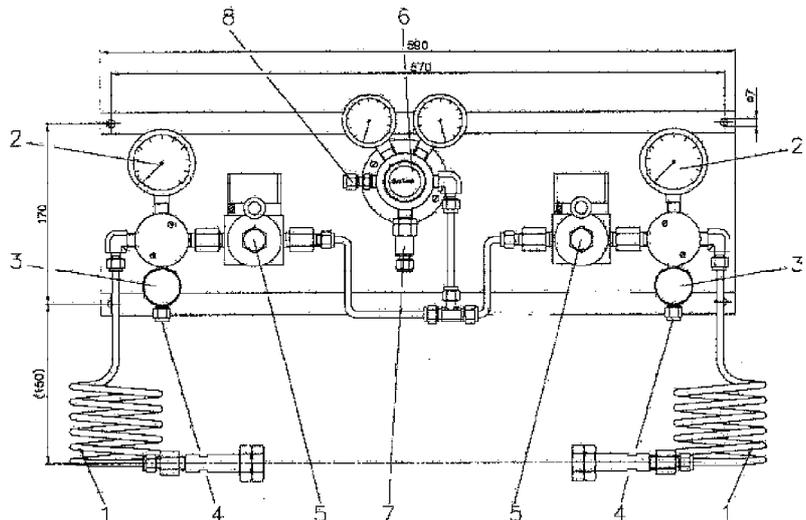
maximum dimensions of the station (plus dimensions of the pigtails !)

Pressure control station for two gas cylinders

type DRS/A/MV
 with automatical change-over
 by solenoid valves
 with purge system
 order no. 4110 for material brass
 order no. 4210 for material stainless steel
 inlet pressure max. 210 bar
 outlet pressure 0 - 15 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- two adjustable Reed contact gauges 250 bar, with 3 m cable, contact opens with falling pressure
- two high pressure solenoid valves
- purge gas outlets 6 mm or 1/4" tube fitting
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: signal- and controlbox for indicating gas deficiency and controlling the solenoid valves
- optional: chrome plated brass regulator bodies



- 1 pigtail with cylinder connection
- 2 Reed contact gauge
- 3 purge gas outlet valve
- 4 purge gas outlet
- 5 solenoid valve
- 6 pressure regulator
- 7 safety relief valve
- 8 gas outlet

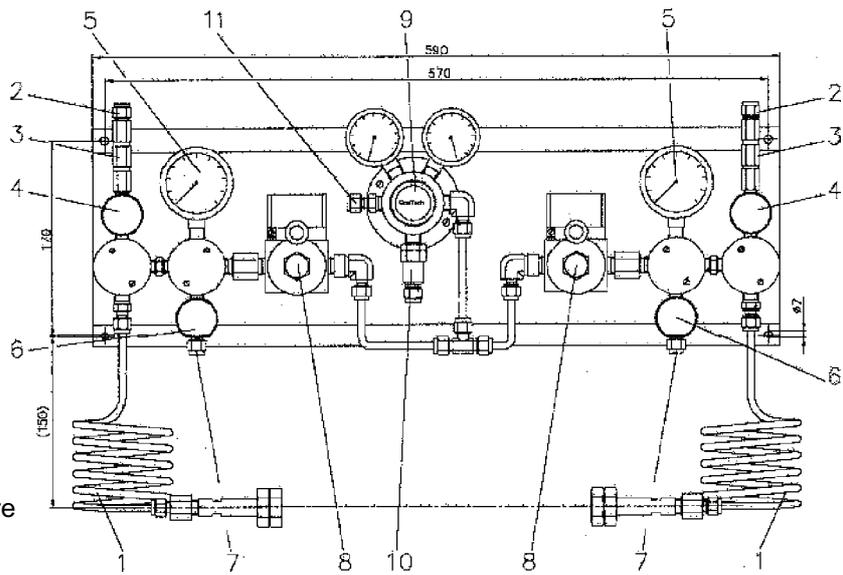
maximum dimensions of the station (plus dimensions of the pigtails !)

Pressure control station for two gas cylinders

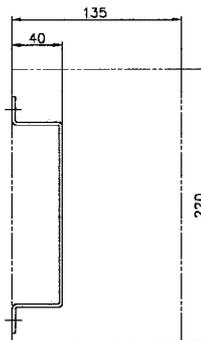
type DRS/A/MV
with automatical change-over
by solenoid valves
with purge system
order no. 4201
for material stainless steel
inlet pressure max. 210 bar
outlet pressure 0 - 15 bar
adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve with outlet 6 mm or 1/4" tube fitting
- two adjustable Reed contact gauges 250 bar, with 3 m cable contact opens with falling pressure
- two high pressure solenoid valves
- four high pressure shut-off valves
- two non-return valves
- purge in- and outlet with 6 mm or 1/4" tube fitting
- two pigtailed with inlet filter 50 micron and cylinder connection DIN 477
- outlet 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: signal- and controlbox for indicating gas deficiency and controlling the solenoid valves



- 1 pigtail with cylinder connection
- 2 purge gas inlet
- 3 non-return valve
- 4 purge gas inlet valve
- 5 Reed contact gauge
- 6 purge gas outlet valve
- 7 purge gas outlet
- 8 solenoid valve
- 9 pressure regulator
- 10 safety relief valve
- 11 gas outlet



maximum dimensions of the station (plus dimensions of the pigtailed !)

Point of use regulator

type ENS
order no. 120
for inlet pressure max. 35 bar
material: brass, chrome plated

adjustable range:

0,1 - 3,5 bar or 0,1 - 8 bar

body: brass, chrome plated

diaphragm: stainless steel

housing seal: Perbunan

seat: PTFE

filter: 50 micron

fitted with:

- outlet gauge and inlet filter 50 micron
- inlet shut-off valve with connection 6 mm or 1/4" tube fitting
- outlet tube fitting 1/8", optional: 1/4" or 6 mm
- wall mounting disk



Point of use regulator

type ENS
order no. 220
for inlet pressure max. 35 bar
material: stainless steel

adjustable range:
0,1 - 3,5 bar or 0,1 - 8 bar

body: stainless steel 1.4404
diaphragm: stainless steel
housing seal: EPDM
seat: PTFE
filter: 50 micron

fitted with:

- outlet gauge and inlet filter 50 micron
- inlet shut-off valve with connection 6 mm or 1/4" tube fitting
- outlet tube fitting 1/8", optional: 1/4" oder 6 mm
- wall mounting disk



Point of use regulator

type Vario
order no. 320
body diameter 40 mm
for inlet pressure max. 35 bar
material: brass, chrome plated

adjustable range:
0,1 - 3,5 bar or 0,1 - 8 bar

body: brass, chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PTFE
filter: 50 micron

fitted with:

- wall flange with inlet shut-off valve, 6 mm or 1/4" tube fitting and 2 wall mounting holes, pressure reducer with outlet gauge and inlet filter 50 micron
- outlet tube fitting 1/8", 1/4" or 6 mm.
- This system allows an easy removing of the regulator with no need of removing the shut-off valve.



Point of use regulator

type Vario
order no. 420
body diameter 40 mm
for inlet pressure max. 35 bar
material: stainless steel

adjustable range:
0,1 - 3,5 bar or 0,1 - 8 bar

body: stainless steel
diaphragm: stainless steel
housing seal: EPDM
seat: PTFE
filter: 50 micron

fitted with:

- wall flange with inlet shut-off valve, 6 mm or 1/4" tube fitting and 2 wall mounting holes, pressure reducer with outlet gauge and inlet filter 50 micron
- outlet tube fitting 1/8", 1/4" or 6 mm.
- This system allows an easy removing of the regulator with no need of removing the shut-off valve.



4 fold point of use regulator

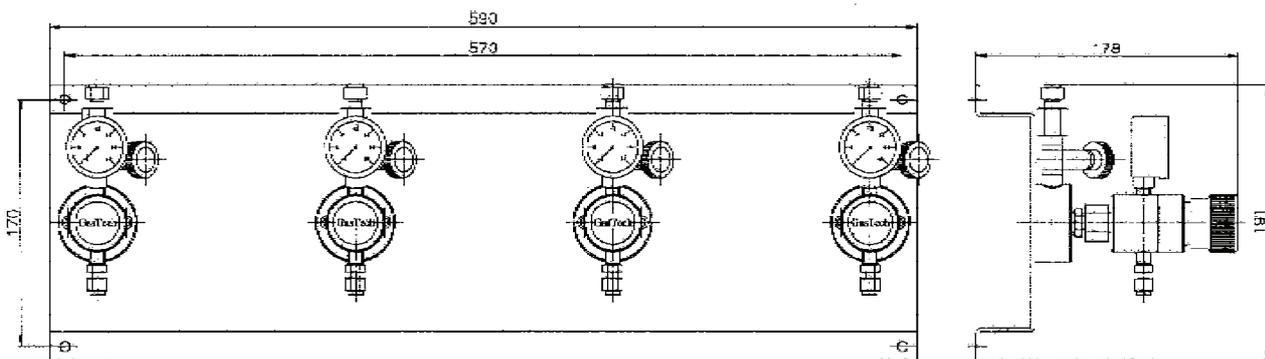
type Vario
order no. 320/4
body diameter 40 mm
4 point of use regulators mounted on a stainless steel panel
for inlet pressure max. 35 bar
material: brass, chrome plated

adjustable range:
0,1 - 3,5 bar or 0,1 - 8

body: brass, chrome plated
diaphragm: stainless steel
housing seal: Perbunan
seat: PTFE
filter: 50 micron

fitted with:

- mounting flanges with inlet shut-off valve, 6 mm or 1/4" tube fitting and 2 mounting holes,
- pressure regulators with outlet gauge and inlet filter 50 micron / outlet tube fitting 1/8", 1/4" or 6 mm
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes
- This system allows an easy removing of the regulator with no need of removing the shut-off valve.
- optional: 2, 3 or 5 point of use regulators mounted on a stainless steel panel
- optional: outlet upside



4 fold point of use regulator type Vario, order no. 320/4 and 420/4

4 fold point of use regulator

type Vario
order no. 420/4
body diameter 40 mm
4 point of use regulators mounted on a stainless steel panel
for inlet pressure max. 35 bar
material: stainless steel

adjustable range:
0,1 - 3,5 bar or 0,1 - 8 bar

body: stainless steel
diaphragm: stainless steel
housing seal: EPDM
seat: PTFE
filter: stainless steel

fitted with:

- mounting flanges with inlet shut-off valve, 6 mm or 1/4 tube fitting und 2 mounting holes,
- pressure regulators with outlet gauge and inlet filter 50 micron / outlet tube connection 1/8", 1/4" or 6 mm
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes.
- This system allows an easy removing of the regulator with no need of removing the shut-off valve.
- optional: 2, 3 or 5 point of use regulators mounted on a stainless steel panel
- optional: outlet upside

Point of use valve

type NE

for gas supply without

pressure reducing

order no. 100 for material brass

order no. 200 for material stainless steel

pressure max. 200 bar

construction:

shut-off/flow control valve with mounting angel

connections:

inlet 6 mm or 1/4" tube fitting

outlet 6 mm or 1/4" tube fitting

optional: other connections



Pressure regulators for medical gases

Cylinder pressure regulator for medical Oxygen

type MedO-1

material: brass, chrome plated

inlet pressure max. 210 bar

flow set at 5 l/min

fitted with:

- cylinder gauge
- cylinder connection DIN 477, no. 9
- outlet: hose nozzle



Cylinder pressure regulator for medical Oxygen

type MedO-2

material: brass, chrome plated

inlet pressure max. 210 bar

flow 0 - 15 l/min adjustable by hand wheel

optional: 0 - 5 l min

fitted with:

- cylinder gauge
- flow output readable at hand wheel
- cylinder connection DIN 477, no. 9
- outlet moisture connection thread and hose nozzle



Pressure control station for one gas cylinder

type MGS 1/1

order no. 6000

inlet pressure max. 210 bar

outlet pressure 0 - 10 bar adjustable

fitted with:

- chrome plated brass pressure regulator with cylinder gauge, outlet gauge and safety relief valve
- one pigtail with inlet filter 50 micron and cylinder connection DIN 477
- optional: cylinder connection hose (see photo)
- outlet: hose nozzle or G 1/4" r.h. or G 3/8" l.h.
- mounted on a stainless steel panel 200 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm



Pressure control station for two gas cylinders

type MGS 2/1

with manual change-over

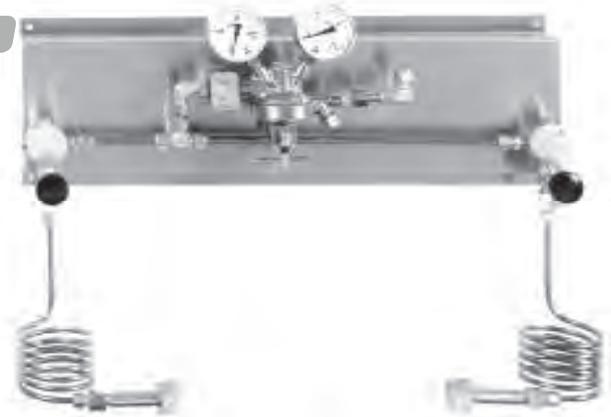
order no. 6100

inlet pressure max 210 bar

outlet pressure 0 - 10 bar adjustable

fitted with:

- chrome plated pressure regulator with cylinder gauge, outlet gauge and safety relief valve
- two high pressure shut-off valves
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet: hose nozzle or G 1/4" r.h. or G 3/8" l.h.
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm

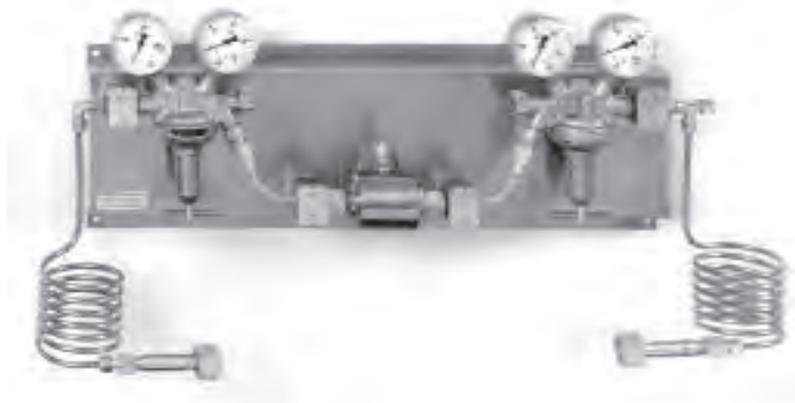


Pressure control station for two gas cylinders

type MGS/A
with automatic change-over by
low pressure piston change-over
order no. 6200
material: brass
inlet pressure max. 210 bar
outlet pressure about 2 - 15 bar or
4 - 30 bar adjustable

fitted with:

- two chrome plated pressure regulators with cylinder gauge, outlet gauge and safety relief valve
- one low pressure piston change-over
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet: 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm



Pressure control station for two gas cylinders

type MGS/A/H
with automatic change-over
by difference of outlet pressure
order no. 6300
material: brass
inlet pressure max. 210 bar
outlet pressure fixed at 8 - 12 bar

fitted with:

- two chrome plated high pressure regulators with cylinder gauge, outlet gauge and safety relief valve
- two non-return valves
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- outlet: 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm



*Pressure regulators
for industrial gases*

One stage pressure regulator brass

type HD 150

inlet pressure max. 210 bar

adjustable range 0 - 150 bar

flow: max. 150 Nm³/h N₂

body: brass

diaphragm: EPDM

fitted with:

- cylinder gauge
- outlet gauge
- cylinder connection DIN 477
- outlet shut-off valve with soldering connection diameter 16 mm



One stage pressure regulator brass

type HD 200

inlet pressure max. 210 bar

adjustable range 0 - 200 bar

flow: max. 180 Nm³/h N₂

body: brass

diaphragm: EPDM

fitted with:

- cylinder gauge
- outlet gauge
- cylinder connection DIN 477
- outlet shut-off valve with soldering connection diameter 16 mm



One stage pressure regulator brass

type Hercules

inlet pressure max. 210 bar

adjustable range 0 - 10 bar

optional: other adjustable ranges

flow: max 54 Nm³/h N₂

body: brass

diaphragm: Perbunan

housing seal: Perbunan

filter: 100 micron

fitted with:

- cylinder gauge
- outlet gauge
- optional: with flow meter with range 1-16 l/min
- cylinder connection DIN 477
- shut-off/flow control valve with hose nozzle, optional with tube fitting
- safety relief valve



Two stage pressure regulator brass

type Hercules/2
for constant outlet pressure while decreasing cylinder pressure
inlet pressure max. 210 bar
adjustable range 0 - 10 bar
flow: max. 54 Nm³/h N₂
optional: other adjustable ranges
body: brass
diaphragm: Perbunan
housing seal: Perbunan
filter: 100 micron

fitted with:

- cylinder gauge
- outlet gauge
- optional with flow meter with range 1 - 16 l/min
- cylinder connection DIN 477
- shut-off/flow control valve with tube fitting
- safety relief valve



Pressure control station for one gas cylinder

type TGS 1/1
order no. 5000
material: brass
inlet pressure max. 210 bar
outlet pressure 0 - 10 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve
- one pigtail with inlet filter 50 micron and cylinder connection DIN 477
- optional: cylinder pattern hose (see photo)
- outlet: hose nozzle or G 1/4" r.h. or G 3/8" l.h.
- mounted on a stainless steel panel 200 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm

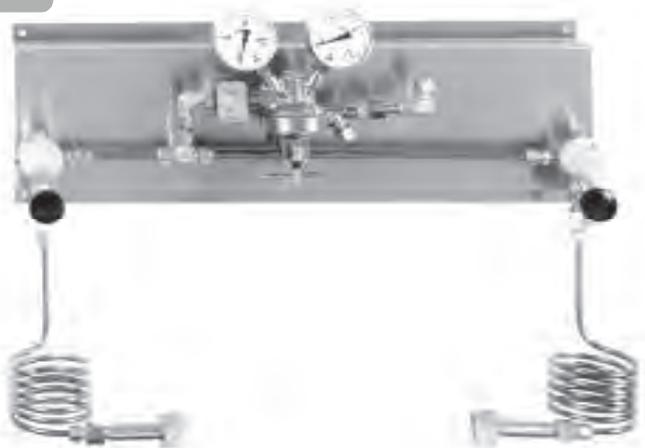


Pressure control station for two gas cylinders

type TGS 2/1
with manual change-over
order no. 5100
material: brass
inlet pressure max. 210 bar
outlet pressure 0 - 10 bar adjustable
optional: 0 - 30 bar or 50 bar adjustable

fitted with:

- pressure regulator with cylinder gauge, outlet gauge and safety relief valve
- two high pressure shut-off valves
- two pigtails with filter 50 micron and cylinder connection DIN 477
- optional: cylinder pattern hose
- outlet: hose nozzle or G 1/4" r.h. or G 3/8" l.h.
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauge with 3 m cable for low pressure alarm

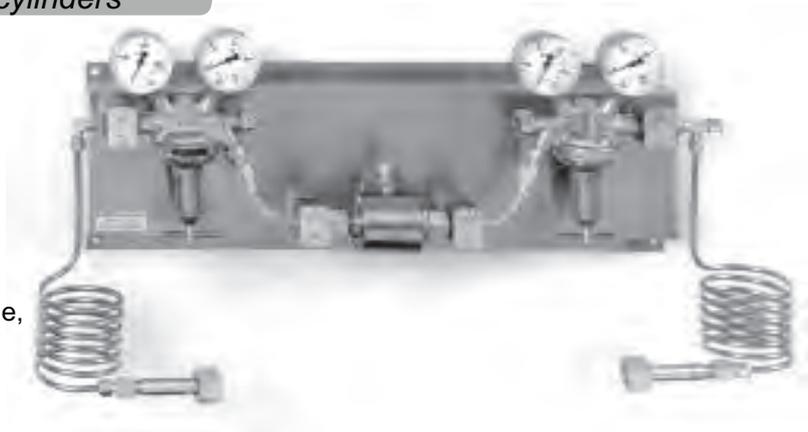


Pressure control station for two gas cylinders

type TGS/A
with automatic change-over by
low pressure piston change-over
order no. 5200
material: brass
inlet pressure max. 210 bar
outlet pressure ca. 2 - 15 bar
or 4 - 30 bar adjustable

fitted with:

- two pressure regulators with cylinder gauge, outlet gauge and safety relief valve
- one low pressure piston change-over
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477
- optional: cylinder pattern hose
- outlet: 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm

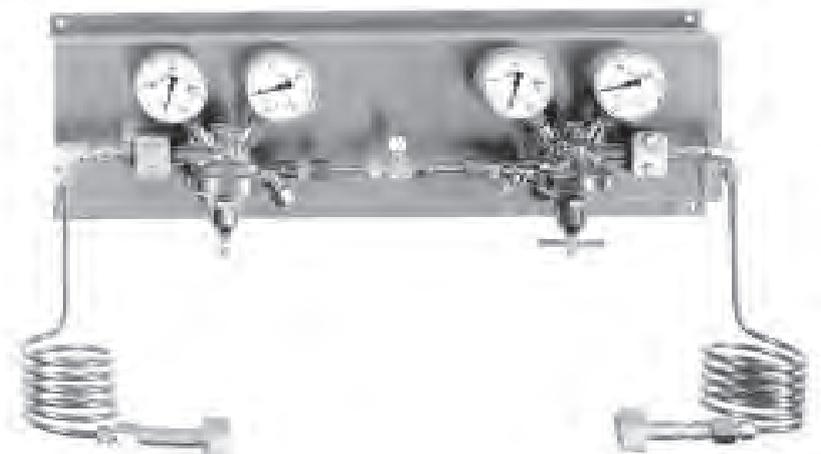


Pressure control station for two gas cylinders

type TGS/A/H
with automatic change-over
by difference of outlet pressure
order no. 5300
material: brass
inlet pressure max. 210 bar
outlet pressure fixed at 8 - 12 bar
optional: higher pressures, e.g. 30 bar

fitted with:

- two high pressure regulators with cylinder gauge, outlet gauge and safety relief valve
- two non-return valves
- two pigtails with inlet filter 50 micron and cylinder connection DIN 477;
- optional: cylinder pattern hose
- outlet: 6 mm or 1/4" tube fitting
- mounted on a stainless steel panel 590 mm x 190 mm with 4 mounting holes with diameter 7 mm
- optional: adjustable Reed contact gauges with 3 m cable for low pressure alarm



Point of use regulator

type Hercules-ENS
material brass, with shut-off valve and safety relief valve
easily connectable to circular lines by inserting
an shut-off valve

Oxygen

outlet pressure: 0-10 bar, inlet: R 3/8" right, hose connection R 1/4",
color: blue

Acetylene

outlet pressure: 0-1,5 bar, inlet: R 3/8" right, hose connection R 3/8" left,
color: yellow

Argon - Co₂

flow: 0-28/30 l/min, inlet: R 3/8" right, hose connection R 1/4",
color: black

