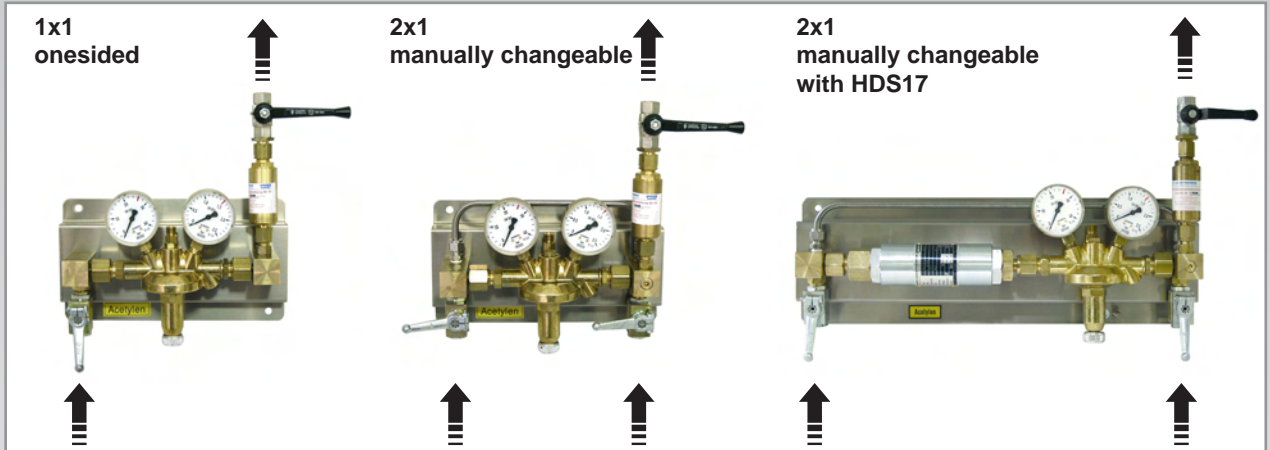


**684NG for acetylene  
up to 10 m<sup>3</sup>/h**



**WITT Pressure regulating station 1x1 or manually changeable 2x1 for central gas supplies. Every pressure regulating station 100% tested.**

**Benefits**

- pressure regulating station complete, mounted and tested
- quick and easy wall mounting
- compact design (e.g. suitable for cylinder cabinets)
- pressure regulating station according to DIN EN ISO 14114
- pressure regulator according to DIN EN ISO 7291

**Operation / Usage**

The pressure regulating station ensures continuous gas supply and control of a pipeline, which is connected with pipeline outlets and reduces the risk of accidents.

A supply by single cylinders is not available.

**Assembly**

**(1x1)** pressure regulating station 684NG

**(2x1)** pressure regulating station 684NG manually changeable

consisting of:

2/2-way-high pressure ball valve DN6 1x or 2x dependant on option

1x pressure regulator with blow off valve

1x safety device 85-10 according to EN730 against back flow and flashback

1x ball valve in the outlet DN8; G 3/8 F complete mounted and tested on stainless steel plate

**Options**

- automatic quick acting shut-off device HDS17 according to EN ISO 15615

Other connections available on request

- flexible hose standards (**BAM certified**) for connection of pressure regulating station with gas supply (cylinder, gas cylinder manifolds, bundles, ...), adaptor suitable for bundle connection
- screw connection for pipe (soldering end, WITTFIX, welding end)
- extension module for connection of further single cylinder or cylinder bundles with pressure regulating station
- information board with concise instructions
- instruction plate according to the gas

**Approvals**

Company certified according to ISO 9001:2000 and ISO 14001

Technical Data				
Type		1x1	2x1	2x1 m. HDS17
Order-No.		193-001-001	193-002-001	193-003-001
p <sub>v</sub> max.	[bar]	25	25	25
p <sub>H</sub> max. (statically)	[bar]	0 - 1.5	0 - 1.5	0 - 1.5
Q max. (at 1.5 bar)	[m <sup>3</sup> /h]	10	10	10
<b>Connections</b>				
Inlet	RH F	G 1/4	G 1/4	G 1/4
Outlet	RH F	G 3/8	G 3/8	G 3/8
<b>Dimensions</b>				
Height	[mm]	400	400	400
Width	[mm]	300	300	400
Depth	[mm]	130	130	150
Weight	[kg]	4.5	5.5	8.0

Flow of pressure regulator (in Nm <sup>3</sup> /h) in relation to air								
Inlet pressure p <sub>vmax</sub> in barg	Outlet pressure P <sub>H</sub> in barg							
	0.1	0.2	0.3	0.4	0.6	0.7	0.8	
4.0	2.0	5.5	7.8	9.6	11.5	11.7	11.9	
	0.9	1.0	1.1	1.2	1.3	1.4	1.5	
	12.0	12.1	12.2	12.25	12.25	12.3	12.3	

Product Information / Technical Data

B01/L0 subject to change