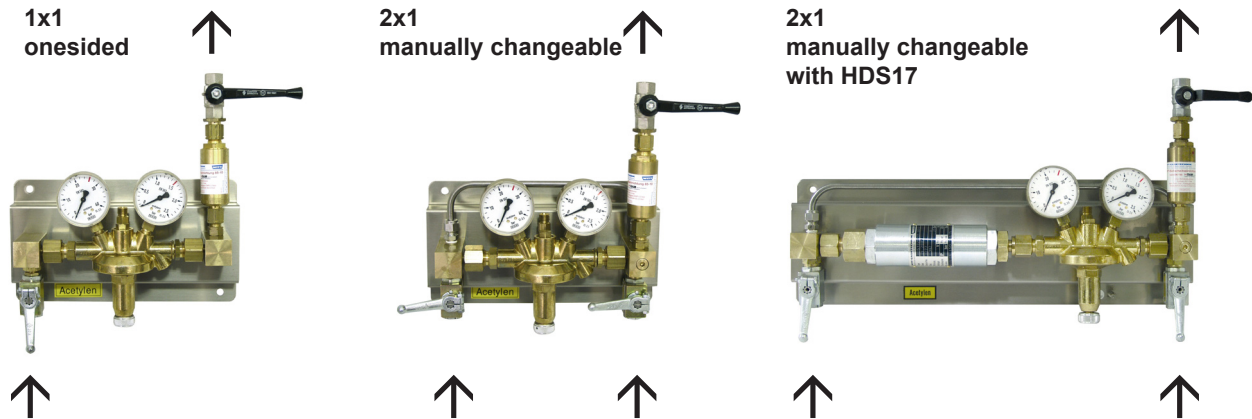


PRESSURE REGULATING STATION 684NG for acetylene, up to 10 m³/h (manual)



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. Supplying from single cylinders is no longer necessary.

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 DIN EN ISO 5175-1 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

Technical Data				
Type		1x1	2x1	2x1 w. HDS17
Order-No.		193-001-001	193-002-001	193-003-001
p_v max.	[bar]	25	25	25
p_H max. (statically)	[bar]	0 - 1.5	0 - 1.5	0 - 1.5
Q max. (at 1.5 bar)	[m ³ /h]	10	10	10
Connections				
Inlet	RH F	G 1/4	G 1/4	G 1/4
Outlet	RH F	G 3/8	G 3/8	G 3/8
Dimensions				
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 ³ /h) in relation to air							
Inlet pressure p_{Vmax} in barg	Outlet pressure P_H 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