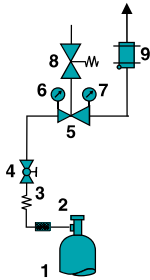


ACETYLENE PANELS BMD/SMD 200-29

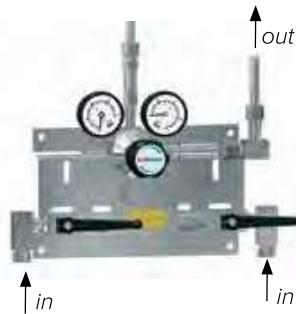


Single-stage, for acetylene,
Inlet pressure 25 bar
Outlet pressure < 1.5 bar

FLOW SCHEMATIC



SMD 200-29



SPECIAL FEATURES

- > Single-stage version for conventional gas usages
- > Gas failure monitoring via contact gauges and signal boxes (optional)
- > Single components with type approval
- > Connections for 1 or 2x1 cylinders
- > AAS suitable (Atomic Absorption Spectrometer)

DESCRIPTION

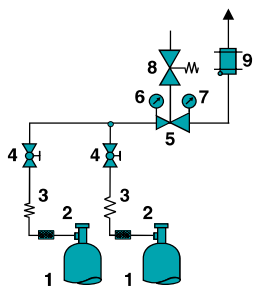
Station with inlet ball valve, upstream and downstream pressure gauges, relief valve, flashback arrestor and connections for 1 cylinder (SMD) or 2 cylinders (BMD).

APPLICATION

As first stage of a central gas supply. This gas supply panel together with contact gauge and signal box ensures an uninterrupted gas supply. The switch-over from the empty cylinder to the full supply cylinder is operated manually. The use of contact gauge (accessories) in conjunction with alarm box (accessories) facilitates the monitoring of gas reserves.

TECHNICAL DATA	
Upstream pressure:	25 bar
Downstream pressure:	< 1.5 bar
Body:	Brass 2.0401.26
Diaphragm:	Rubber
Flow rate:	to 1 m ³ /h (pa = 1.26 bar)
Working temperature:	-20 to +60 °C / -4 to 140 °F
Dimensions (w×h×d):	approx. 300×155×160 mm
Weight:	approx. 4.6/5.5 kg (SMD / BMD)
Inlet gauge:	safety gauge acc. to ISO 5171 or contact gauge KI 63-40/11 (optional)
Pressure gauge range:	0 – 40 bar, 0 – 580 psi (inlet), 0 – 2.5 bar, 0 – 36 psi (outlet)
Relief valve outlet:	Brass - Tube ø 12 mm
Safety feature:	Flashback arrestor GVA G3/8" 1h
Inlet:	W21,8×1/14"
Outlet:	Tube ø 12 mm×7 mm

FLOW SCHEMATIC



BMD 200-29

- 1 Cylinder
- 2 Cylinder valve
- 3 Connecting hose
- 4 Ball valve
- 5 Pressure regulator
- 6 Upstream pressure gauge
- 7 Downstream pressure gauge
- 8 Relief valve
- 9 GVA

ORDER CODE

Type	Material	Outlet pressure	Outlet	Contact gauge	Gas type
SMD 200-29	BC	1.5	12	KI	GAS
SMD 200-29	B = Brass	1.5 = 1.5 bar / 22 psi	12 = Tube with 12 mm outside diameter, inside diameter 7 mm Brass - version	0 = without Ki = with	C2H2

It is necessary to have a gas specific connection to the gas supply for an efficient installation and use of this station.