

Product Features

- Dual-side automatic switching pressure control panel
- B12 series single-stage regulator structure
- Chrome-plated brass material, suitable for non-corrosive gases
- SS316L stainless steel material, suitable for corrosive and slightly toxic gases
- Configure purge diaphragm valve and inlet diaphragm valve on both sides, easy to operate
- Modular design
- Suitable for inlet pressure 300 Bar
- Suitable for gas cylinder cabinets, easy installation
- Suitable for oxygen service

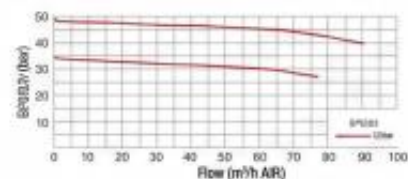
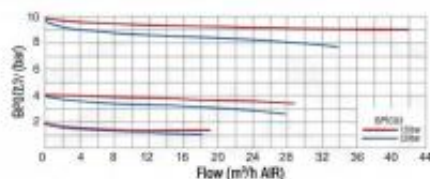
Product Applications

- Component testing
- Calibration systems
- Laboratory pressure control
- High pressure sampling system
- Integrated equipment support

Technical Parameters

Type:	Single-stage reduction
Inlet Pressure P_1 :	max. 300 bar
Outlet Pressure P_2 :	2/4/10/20/35/50 bar
Material:	(See ordering information)
Regulator body, relief valve:	PCTFE
Regulator valve seat (regulator):	PCTFE(VDV30)
(diaphragm valve):	PEEK(VDV1)
Diaphragm (regulator):	Hastelloy® C276
(diaphragm valve):	Hastelloy® C276
O-ring:	Viton® (FKM)
(Options)	Kalrez® (FFKM)
Filter:	SS 316L
Mounting panel:	Aluminum alloy
Temperature application:	-30°C to +74°C
Leak rate (external):	1x10 ⁻⁶ mbar l/s He
(internal):	1x10 ⁻⁶ mbar l/s He
Weight:	Approx 5.6 kg

Flow Parameters



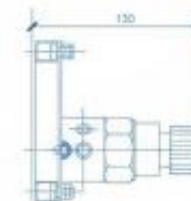
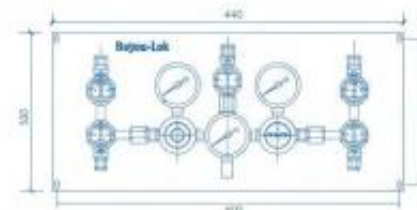
BMT22 Series



Product Principle



Product Dimensions



Ordering Information

BMT22 S - 200 - 20 - DG - P - N₂

Body Material

- S: 316L
- C: Chrome plated brass
- B: Brass

Inlet Pressure P_1

- 40: 40 bar
- 100: 100 bar
- 200: 200 bar
- 300: 300 bar - with VDV30

Outlet Pressure P_2

- 2: to 2 bar
- 4: to 4 bar
- 10: to 10 bar
- 20: to 20 bar
- 35: to 35 bar
- 50: to 50 bar

Gas Type

Please specify the gas type used

Inlet/Outlet Pressure Gauges

- P: Pressure gauge (Psig/Bar)
- K: Electrical contact pressure gauge (Psig/Bar)

Diaphragm Valve Configuration

- D: With purge diaphragm valve
- G: No outlet diaphragm valve
- K: With outlet diaphragm valve