

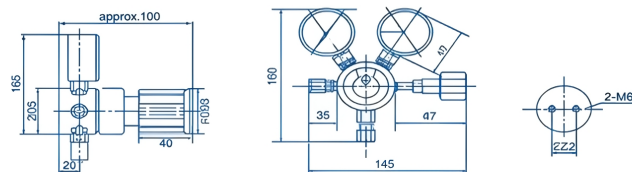
PRODUCT FEATURES §

- Cylinder regulator
- Chrome-plated brass for non-corrosive gases
- Stainless steel 316L for corrosive and mildly toxic gases
- 6-port body design, for various port configurations
- Stable output pressure
- Handwheel adjustment for precise pressure control
- Integrated cartridge design with built-in 316L filter
- Suitable for Oxygen

PRODUCT APPLICATIONS

- Component testing
- Calibration systems
- Laboratory pressure control
- Sampling systems
- Integrated equipment packages

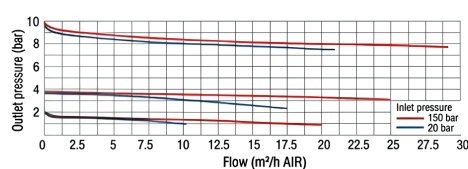
PRODUCT DIMENSIONS



TECHNICAL DATA

Type	Single-stage pressure reduction
Inlet pressure P ₁	max. 300 bar
Outlet pressure P ₂	2/4/10/20 bar
Material	
Body, safety valve	(Refer to ordering data)
Seat	PCTFE
Diaphragm	Hastelloy® C276
Filter	SS 316L
Inlet/Outlet connection	1/4" NPT (F)
Temperature range	-30°C to +74°C
Leakage (external)	1x10 ⁻⁸ mbar l/s He
(internal)	1x10 ⁻⁶ mbar l/s He
Flow coefficient	C _v =0.07
Weight	approx. 1.30 kg

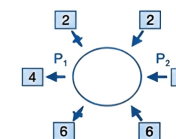
FLOW DATA



B12 Series



ORDERING DATA

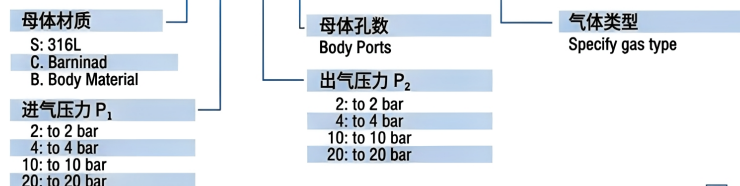


INLET/OUTLET CONNECTION TYPES

DIN: Germany	NF: French	11: 1/4" Ferrules	12: 6mm Ferrules	P: Pressure Gauge(Psig/Bar)
JIS: Japan	JIS: Japan	12: 3/8" Ferrules	15: 6mm Ferrules	R: Relief Valve
BSP: British	00: 1/4" NPT (F)	15: 3/8" Ferrules	16: 8mm Ferrules	B: Plug
GB: China	01: 1/4" NPT (M)	16: 6mm Ferrules	65: 8mm Weld Stub	
UNI: Italy	10: 1/8" Ferrules	65: 6mm Weld Stub	66: 8mm Weld Stub	

*For other connection standards, please consult the distributor.

PORT CONFIGURATION SELECTION



ORDERING EXAMPLE

Example: B12-S-200-20-6-GB-00-P-R-O₂



*For mixed gases, specify cylinder connection standard and thread specification.