



Pressure regulating valve

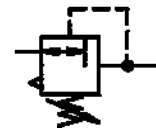
Size 1

637.10 A to 637.10 D
637.503 A to 637.503 D

G 1/4

637.20 A to 637.20 D
637.513 A to 637.513 D

G 3/8



Characteristics

Order No.	637.20 A	637.20 B	637.20 C	637.20 D
	637.503 A	637.503 B	637.503 C	637.503 D
Port	G 3/8			
Order No.	637.10 A	637.10 B	637.10 C	637.10 D
	637.513 A	637.513 B	637.513 C	637.513 D
Port	G 1/4			
Pressure gauge port	G 1/4			
Type of construction	Diaphragm pressure regulator with self-relieving design			
	Special versions on request e.g. - Reverse flow port closed			
Max. input pressure p_1	16 bar			
Control range p_2	0.5 to 3 bar / 0.5 to 6 bar / 0.5 to 10 bar / 0.5 to 16 bar			
Mounting position	Any / note direction of arrow			
Mounting type	Panel mounting, hole $\varnothing 20.5$ Bracket			
Medium temperature	-10 to 60°C			
Ambient temperature	-10 to 80°C			
Weight [g]	500 / 550 with pressure gauge			

Description

- Standard design
- Double nipples (G 3/8 or G1/4) required for block mounting with other devices
- Pressure setting by means of adjusting screw with plastic knob, setting can be locked with lock nut
- Flow direction indicated by arrows
- **Entry in direction of arrow**
- Virtually independent of inlet pressure
- Pressure gauge $\varnothing 50$ included, can be mounted at both ends
- Panel mounting with nut and washer on cover
- Wall mounting with mounting bracket on cover

Materials

Part	Material
Head piece (body)	Zinc - Z 410
Spring bonnet/adjusting screw	Zinc - Z 410/brass
Diaphragm →	NBR-brass
Pressure spring	Galvanised steel
Valve cone →	NBR-brass
Counter-pressure spring	Stainless steel
O-ring 24 x 2 →	NBR

Accessories

Designation	Order No.
Nut M 20 x 1.5 and washer	74/1
Mounting bracket with nut and washer	75/1
Double nipple G 1/4	252.61
Double nipple G 3/8	252.64
Double nipple G 1/4 (conical)	252.301-N
Double nipple G 3/8 (conical)	252.302-N

Main spare parts

Part	Part No.
→ Set of wearing parts	22.620.4
- Diaphragm, compl.	
- Valve cone, compl.	
- O-ring 24 x 2	
Pr. gauge $\varnothing 50$, G1/4	
0 to 4 bar	204-KD
0 to 6 bar	205-KD
0 to 10 bar	206-KD
0 to 16 bar	207-KD

