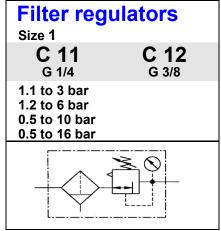


Compressed air conditioning





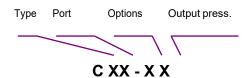
Characteristics

Туре	C 11	C 12	
Port	G 1/4	G 3/8	
Pressure gauge port	G 1	G 1/4	
Type of construction	self-relieving design	Diaphragm pressure regulator with self-relieving design Centrifugal filter Sintered filter element	
		on request e.g v port closed	
Input pressure p1	· ·	16 bar with plastic bowl 20 bar with metal bowl	
Input pressure p1	Max. 16 bar		
with fully-automatic drain	Min. 1.5 bar	Min. 1.5 bar	
Control range p2	0.1 to 3 bar / 0.2 to 0.5 to 10 bar / 0.5 t	•	
Mounting position	Vertical, drain plug	at bottom	
Mounting type	Bracket and nut, ho mm Bracket or two		
Medium temperature Ambient	-10 to 60 °C (other -10 to 60 °C range	temperature es on request)	
Filter rating	5 µ		
Bowl capacity	Max. 25 cm ³ conde	Max. 25 cm³ condensate	
Condensate drain	Semi-automatic Fully-automatic on	request	
Weight [g]	392 / 477 with pres	392 / 477 with pressure gauge	

Materials

Part		Material
Head piece (body)		Z 410
Spring bonnet		POM-brass
Diaphragm	\rightarrow	NBR-brass
Pressure spring	,	Galvanised steel
Valve cone	\rightarrow	NBR-brass
Counter-pressure spring	\rightarrow	Stainless steel
O-ring 30 x 2	,	NBR
Spring bonnet, lockable		POM-AI
Lock cylinder		Brass
Filter element 5 µm		PE
Condensate bowl		Polycarbonate
Baffle		PA

Ordering information



Order example: C 11-K 10-HA

Port	
11	G 1/4
12	G 3/8
Options	
K-HA	Plastic bowl
M-SR	Metal bowl with sight glass
S	Bowl guard

Please use the suffix

Description

- Block design
 Simple block mounting with other devices using conical clamps and half threads
- Joiner sets (KP 11) required for block mounting
- Pressure setting can be locked by pushing the knob down
- Flow direction indicated by arrows
- Entry in direction of arrow
- Independent of inlet pressure
- Pressure gauge Ø 40 mm included
 Pressure gauge can be mounted at both ends
 Lockable adjusting knob (on request)
 Filter rating acc. to ISO 4003, glass bead test
 Bowl guard can be retrofitted without tools

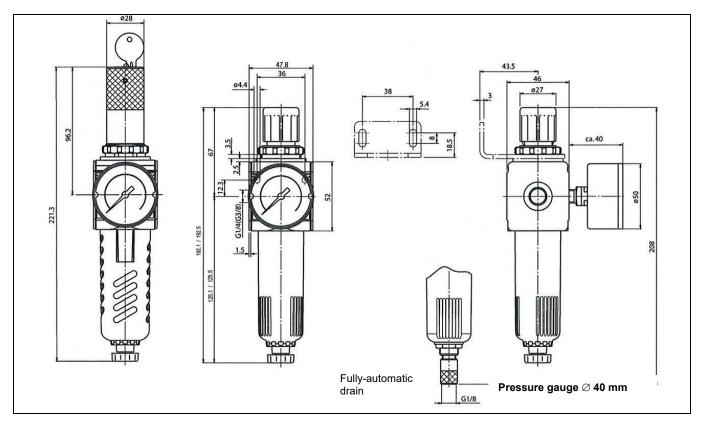
Main spare parts

Part	Part No.
ightarrow Set of wearing parts	22.1811.4
- Diaphragm, cmpl.	
- Valve cone, cmpl.	
Pr. gauge Ø 40 mm, G1/4	
0 to 4 bar	110.01-KD
0 to 6 bar	110.02-KD
0 to 10 bar	110.03-KD
0 to 16 bar	110.04-KD



Compressed air conditioning

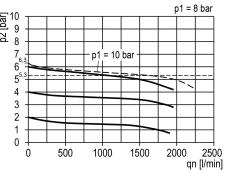
Dimensions [mm]



Flow rates

Flow rates at $p_1 = 10$ bar

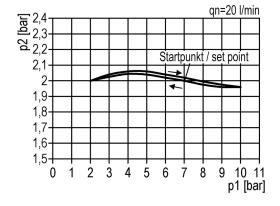
Art. No.		C 11	C 12
Output pressure p2 = 6.3 [bar]	QN m³/h	90	90
Nominal flow ($\Delta p = 1 \text{ bar}$)	l/min	1600	1600



Flow characteristic

Hysteresis

Hysteresis of **p2** as a function of rising (falling) p1 with a constant draw-off quantity QN 20 I/min Basic setting (starting point): p1: 7.0 bar p2: 2.0 bar



Accessories

Designation	Order No.
Nut M30x1.5	R 11-55
Mounting bracket with nut R 11-55	MV 30
Mounting bracket with 2 screws, cmpl.	ZW 11
Joiner set	KP 11
Joiner set for narrow diverter block	KP 11 Z
Metal bowl with sight glass	MS 11 FS
Metal bowl with sight glass and fully-autom. drain valve	MS 11 FS-A
Polycarbonate bowl with semi-automatic drain valve	KS 11 F-FA
Polycarbonate bowl with fully-automatic drain valve	KS 11 F-A
Bowl guard	SK 11
Filter element 5 µm	611.6.905
Automatic drain valve	655.6.900