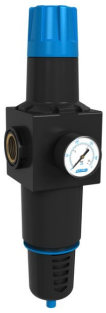
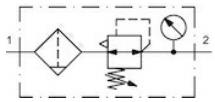
Partnership. With Guarantee.

Filter regulator 1"
Series FR





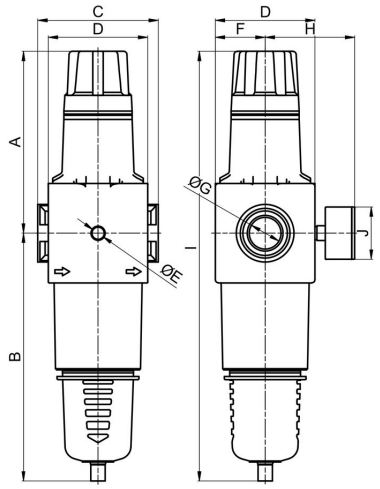
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, Protective cage
Connection	G1" according to ISO228/1
Materials	Housing Acetal resin (POM), Threaded connections Brass, Condensate reservoir Polyamide, Protective cage PE, Seals NBR, Spring cap POM
Function	Control of secondary pressure plus filtration of compressed air
Mounting type	Installation in piping system or Wall mounting using mounting bracket
Mounting position	vertical, Condensate container downward
Medium	Compressed air
Medium temperature	+5...+50°C
Ambient temperature	+5...+50°C
Inlet pressure	max. 12,5bar, 1,5...10bar with automatic drain valve K-SA
Control ranges	see "Order code"
Flow direction	is marked by an arrow
Condensate drain valve	manual or semi-automatic
Volume Condensate container	440cm³
Scope of delivery	including Pressure gauge Ø50mm

+43 512 52076
austria@stasto.eu
© STASTO Automation KG

Order code

		FR - 10 - 20 - 08 - R - PE - SS
Connection	1"	10
Filter element	20µm	20
	5µm	5
Pressure range	0,5...4bar	04
	0,5...8bar	08
	0,5...12bar	12
Secondary exhaust venting	with secondary exhaust air release	R
Reservoir	Plastic bowl with protective guard	PE
Drain valve	Manual drain valve	SS
	automatic drain valve	SA

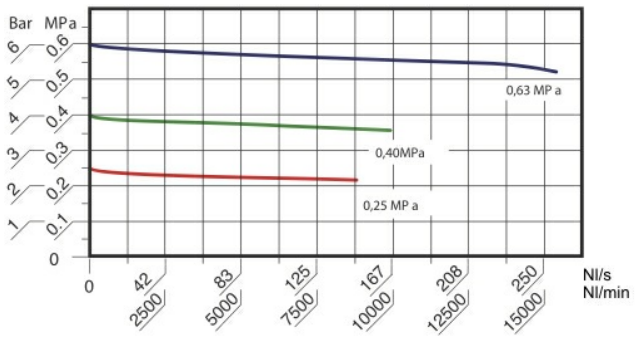
Dimensions



Weight 2,06kg

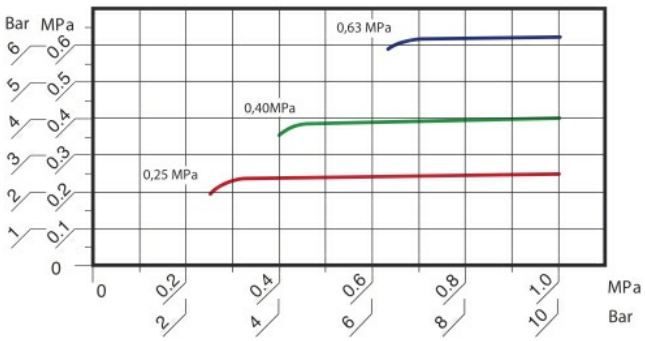
Connection G	A	B	C	D	E	F	H	I	J	K	Type
G1"	174	237	115	95	G 1/4"	47,5	~85	411	50	30	FR-10-20-08-R-PE-SS

Flow diagram



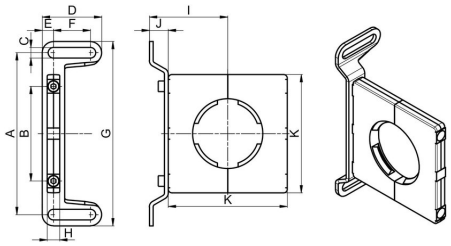
Inlet pressure = 10bar

Control characteristic



Flow rate constant = 1500Nl/min
horizontal axis: Inlet pressure
vertical axis: Outlet pressure

Accessories



A	B	C	D	E	F	G	H	I	J	K	Type
130	76	8,5	47,5	9	29,5	148	10	62,5	15	95	K-WBF-A

Illustrations non-binding
Design, dimensional and material changes reserved

+43 512 52076
austria@stasto.eu
© STASTO Automation KG