

Maintenance unit 1/2"

Series FRL3



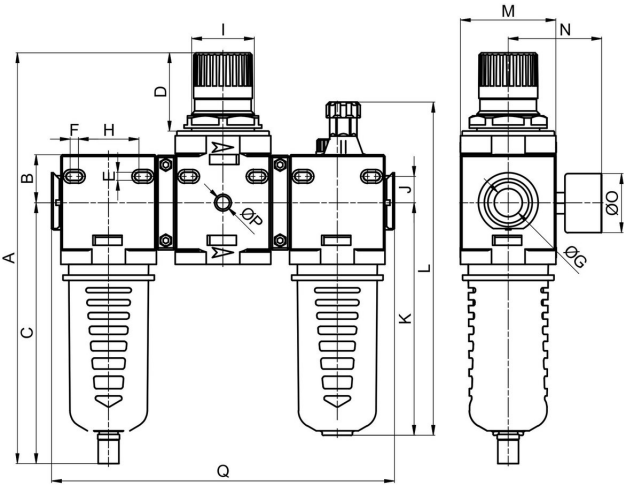
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, Proportional lubricator, Protective cage
Connection	G1/2" according to ISO228/1
Materials	Housing Acetal resin (POM), Threaded connections Brass, Reservoir Polyamide, Protective cage PE, Seals NBR
Function	Pressure regulation plus filtration plus enrichment of the compressed air with oil
Mounting type	Installation in piping system, Locknut or Wall mounting using mounting bracket
Mounting position	vertical, Condensate and oil reservoir 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
Locking mechanism	the pressure setting can be locked by pressing in the rotary knob
Condensate drain valve	manual or semi-automatic
Tank volume	Filter and Lubricator 140cm ³
Oil dosing	1-2 Drops per minute, at flow through the unit
recommended oil	after ISO VG 32, STASTO pneumatic oil HP32A
Scope of delivery	including Pressure gauge Ø40mm and Locknut



Order code

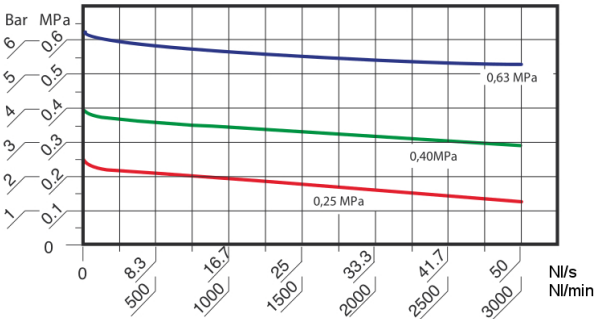
FRL3 - 12 - 20 - 08 - R - PE - SS									
Connection	1/2"	12							
Filter element	20µm	20							
	5µm	5							
Pressure range	0,5...4bar	04							
	0,5...8bar	08							
	0,5...12bar	12							
Secondary exhaust venting	with secondary exhaust air release							R	
Reservoir	Plastic bowl with protective guard							PE	
Drain valve	Manual drain valve								SS
	automatic drain valve								SA

Dimensions



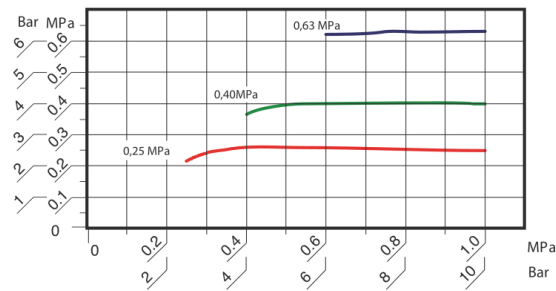
Connection G	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	Weight [approx. kg]	Type
G1/2"	271	31,5	172	52	5	5,5	40	M42x2	17,5	153,5	220	63	~62	40	G1/8"	227	1,23	FRL3-12-20-08-R-PE-SS

Flow diagram



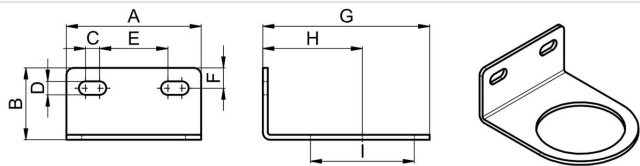
Inlet pressure = 10bar

Control characteristic



Flow rate constant = 900NI/min
horizontal axis: Inlet pressure
vertical axis: Outlet pressure

Accessories



A	B	C	D	E	F	G	H	I	Type
54,5	29	6	5,5	27,5	8	67,5	40	42	K-BRL

Illustrations non-binding
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