Partnership. With Guarantee.

Maintenance unit 3/4"
Series FRL





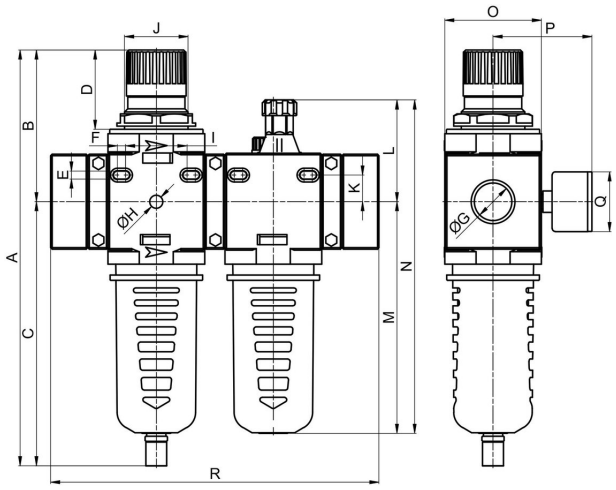
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, Proportional lubricator, Protective cage
Connection	G3/4" according to ISO228/1
Materials	Housing Acetal resin (POM), Threaded connections Brass, Reservoir Polyamide, Protective 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
Reservoir volume	Filter regulator and Lubricator 140cm³
Oil metering	1-2 drops per minute, with flow through the unit
recommended oil	after ISO VG 32, STASTO pneumatic oil HP32A
Scope of delivery	including Pressure gauge Ø40mm and Locknut

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Order code

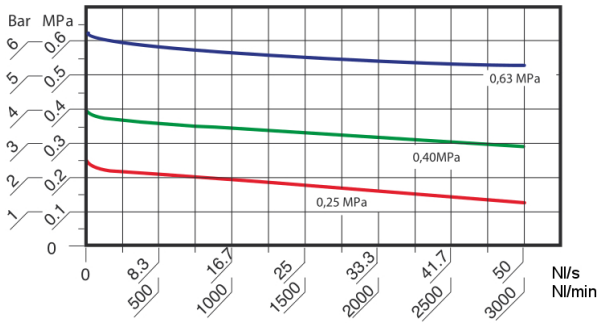
		FRL - 34 - 20 - 08 - R - PE - SS
Connection	3/4"	34
Filter element	20µm	20
	5µm	5
Pressure range	0,5...4bar	04
	0,5...8bar	08
	0,5...12bar	12
Secondary exhaust venting	with secondary exhaust air release	R
Reservoir	Plastic bowl with protective guard	PE
Drain valve	Manual drain valve	SS
	automatic drain valve	SA

Dimensions



Connection G	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	Weight [approx. kg]	Type
G3/4"	271	99	172	52	5	5,5	G1/8"	40	M42x2	17,5	66,5	151	217,5	63	~65	40	214,5	1,28	FRL-34-20-08-R-PE-SS

Flow diagram

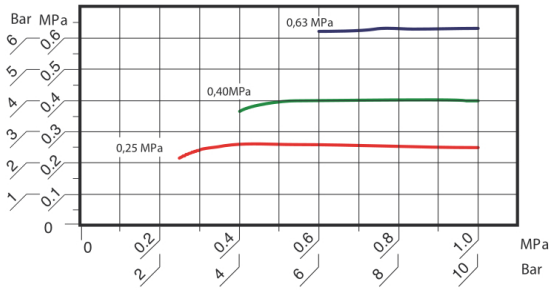


Inlet pressure = 10bar

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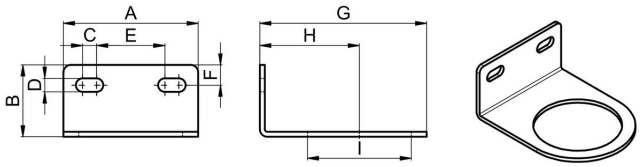
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Control characteristic



Flow rate constant = 900Nl/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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