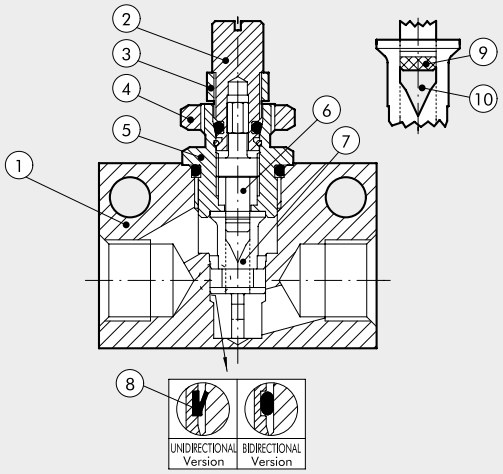
IN-LINE FLOW REGULATOR SERIES RFL

The in-line flow regulator regulates the speed of the piston rod in the pneumatic cylinders.
Two versions are available:
- type U (unidirectional) regulates the flow only in one of the two directions of air flow.
- type B (bidirectional) regulates the flow in both directions of air flow.

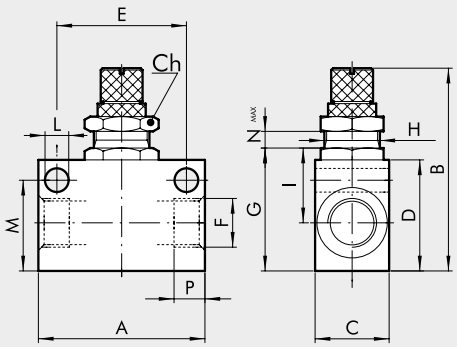
Regulation: manual or with a screwdriver.
Max. temperature 70°C (158°F)
Max. pressure: 10 bar (1MPa-145 psi)

COMPONENTS

① Aluminium block
② Brass adjusting knob
③ Brass knob locking ring nut
④ Brass wall locking ring nut
⑤ Brass nipple
⑥ Brass regulation needle
⑦ Technopolymer gasket insert
⑧ NBR gasket
⑨ Part of needle
⑩ Flow window



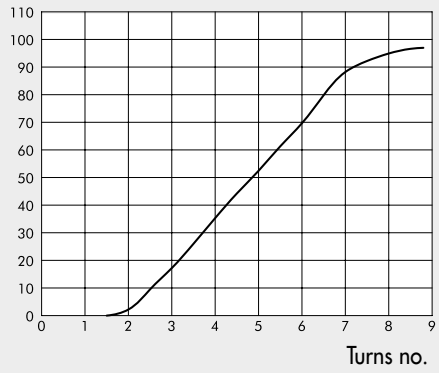
DIMENSIONS



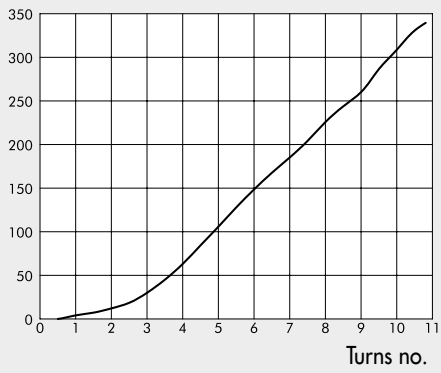
THREAD F	M5	1/8	1/4	3/8	1/2
P	4.2	7	8	10	11
E	15	25	35	35	44
H	M10x0.75	M12x1	M12x1	M15x1	M15x1
Nmax	3.3	5.5	5	7.5	7.5
A	21	31	45	50	59
B	37	48	53.5	59	67
C	14	16	20	25	30
G	18	25	33	34	43.5
I	11.6	15	22	22	24
D	16	22	30	30	40
M	12.5	18.2	24.5	25.5	35
Ch	12	16	16	20	20
L	4.2	4.2	6.5	6.5	6.5

FLOW CHARTS Pm = 6 bar

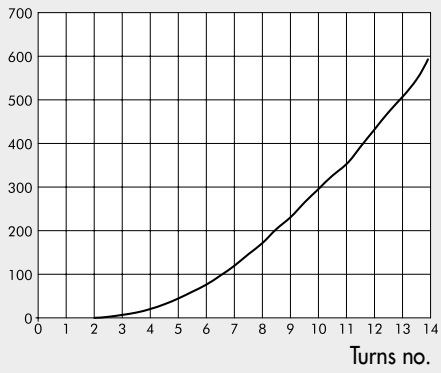
RFL M5



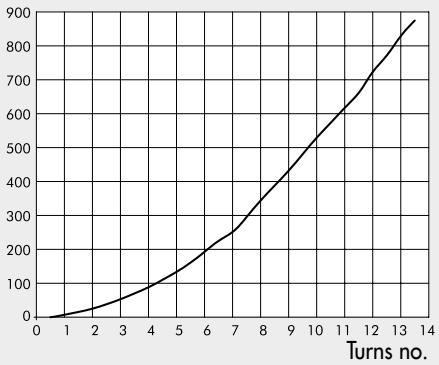
RFL 1/8



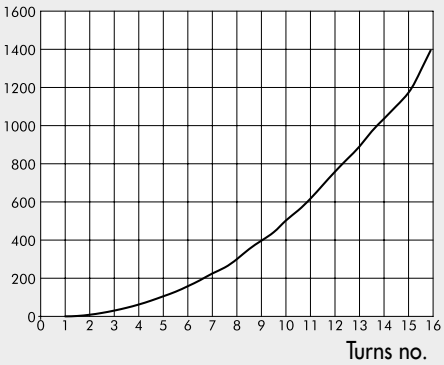
RFL 1/4



RFL 3/8

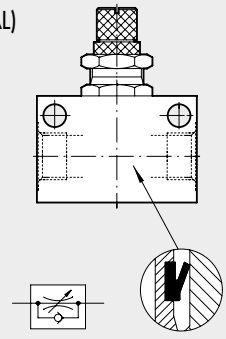


RFL 1/2



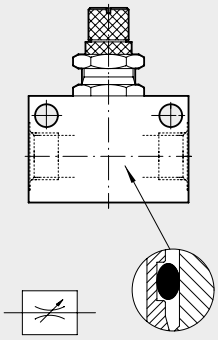
ORDERING CODES

RFL U (UNIDIRECTIONAL)



Code	Ref.
9041001	RFL U M5
9041002	RFL U 1/8
9041003	RFL U 1/4
9041004	RFL U 3/8
9041005	RFL U 1/2

RFL B (BIDIRECTIONAL)



Code	Ref.
9041201	RFL B M5
9041202	RFL B 1/8
9041203	RFL B 1/4
9041204	RFL B 3/8
9041205	RFL B 1/2