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Automatic Flow Regulators / DN 15 - DN 50



Highlights

- Constant flow volume
- Highly dirt resistant
- Water saving
- High durability
- Needs no maintenance



Application

Ticodos flow regulators can be used wherever a constant flow volume must be maintained independently of upstream pressure fluctuations in the pressure range 1,0—8,0 bar. Thanks to its high reliability, this valve can be installed in water distribution systems, cooling water dosage systems, sprinklers, wells, flow heaters, garden watering systems, swimming pool filling systems, etc.

Function

The flow regulator works without consuming energy (pneumatic and electric connections are not required). A synthetic rubber nozzle adapts automatically to the prevailing pressure in such a way that the opening cross section permits always exactly the same constant water volume to flow past. The regulator is fail-safe and requires no maintenance.

Product range / Article-No.

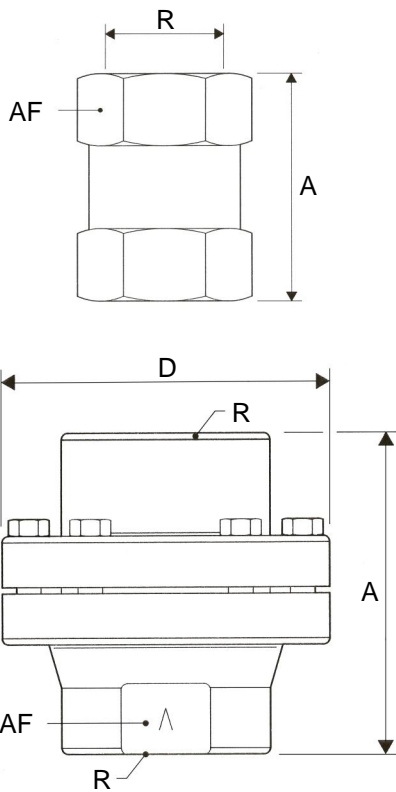
Flow range l/min	½ " DN 15 Art.-No.	¾ " DN 20 Art.-No.	1" DN 25 Art.-No.	1 ¼" DN 32 Art.-No.	1 ½ " DN 40 Art.-No.	2" DN 50 Art.-No.
5,0	71-5105	71-5205	71-5305	72-5400.1	72-5500.1	72-5600.1
7,5	71-5108	71-5208	71-5308	72-5400.2	72-5500.2	72-5600.2
10				72-5400.3	72-5500.3	72-5600.3
11,5	71-5112	71-5212	71-5312	72-5400.4	72-5500.4	72-5600.4
15	71-5115	71-5215	71-5315	72-5400.5	72-5500.5	72-5600.5
17,5				72-5400.6	72-5500.6	72-5600.6
20	71-5120	71-5220	71-5320	72-5400.8	72-5500.8	72-5600.8
25				72-5401	72-5501	72-5601
30				72-5402	72-5502	72-5602
40		71-5240	71-5340	72-5403	72-5503	72-5603
50				72-5405	72-5505	72-5605
60		71-5260	71-5360	72-5407	72-5507	72-5607
80				72-5420	72-5520	72-5620
100				72-5430	72-5530	72-5630
120				72-5438	72-5538	72-5638
140				72-5446	72-5546	72-5646
150				72-5450	72-5550	72-5650
160				72-5454	72-5554	72-5654
180				72-5460	72-5560	72-5660
200				72-5464	72-5564	72-5664
220				72-5474	72-5574	72-5674
240				72-5480	72-5580	72-5680
260				72-5484	72-5584	72-5684
280				72-5486	72-5586	72-5686
300				72-5490	72-5590	72-5690

For other flow rates DN 32- DN 50 please ask !

Materials	
Body DN 15-25	Brass MS 58, nickel-plated
Body DN 32-50	Brass MS58
Gasket DN 32-50	Blue-Gard 3000
Nozzles	EPDM

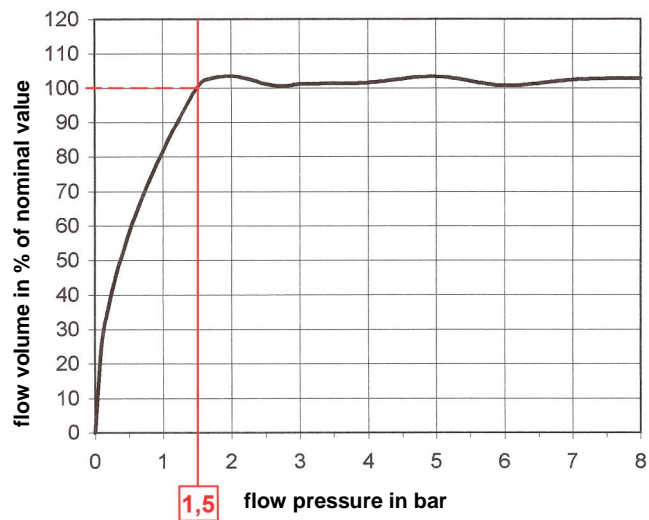
Technical data / Options	
Flow range	5 - 300 l/min
Temperature	max. +100°C
Operating pressure	max. 16 bar
Differential pressure	max. Δp 8 bar
Minimal pressure necessary to achieve nominal flow rate	1,5 bar
Flow tolerances	+/- 15%
Connections	female thread

Dimensions



DN	Connections [R]	A mm	D mm	AF mm
15	½ "	42	-	27
20	¾ "	50	-	32
25	1"	60	-	40
32	1 ¼"	90	95	54
40	1 ½ "	100	110	62
50	2"	110	125	75

Flow diagram



Flow direction

When installing the flow regulator, observe the flow direction indicated by arrow:



! Non observance leads to incorrect flow rate.

Installation

- Before installing the flow regulator, flush all lines thoroughly.
- When installing the flow regulator, **observe the flow direction indicated by arrow.**
- A large reduction in pressure will produce flow noises. Use pressure-reducer if necessary.