Control Valves
Series 3500
Low Flow Valves

BUROCCO INDUSTRIAL VALVES srl

BUROCCO INDUSTRIAL VALVES srl VIA NOVES, 33 – 13867 PRAY (BI) - ITALY

Technical data

Size (DN)	DN 4—10 (1/4")
Pressure rating	UNI/DIN PN40, ANSI300
Connections	Threaded 1/4" GAS, NPT
	Welded BW, SW
Type sealing	Metallic (Class IV - VI)
Characteristic	Equalpercentage (eqp%)
Action	Pneumatic with diaphragm (supply max 3 bar)
Temperature	-30 to +180°C



Description

Microflow control valves with solid and compact shape, for low flow laboratory are designed for precision controlling (high rangeability 50:1). The body is manufactured from bar stock in stainless steel AISI 316L. Actuator and yoke are in stainless steel AISI 304. All Burocco valves are delivered as tested units and ready for a long lasting, maintenance free operation.

Options

⇒ Characteristic linear
⇒ Special alloys for body: Hastelloy, Duplex, Monel
⇒ Special rating PN63/100
⇒ Valve positioners
⇒ Limit switches
⇒ Position feedback
⇒ Airset

Flow rate coefficient (CV)

DN	CV	KVs
4/10	0,3	0,26
	0,2	0,17
	0,1	0,09
	0,08	0,068
	0,06	0,051
	0,05	0,043
	0,03	0,026
	0,02	0,017
	0,01	0,009

Burocco reserves the right to make improvements without prior notice

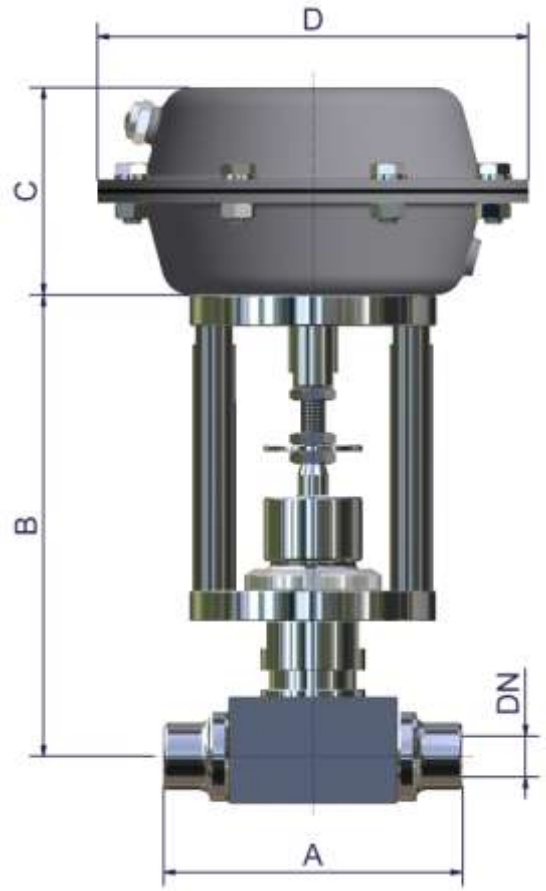
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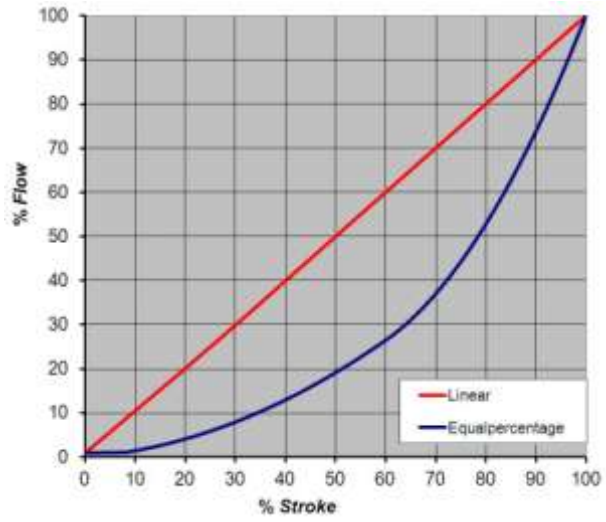
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Materials	
Valve body	AISI 316L
Trim (plug - seat)	17-4PH / AISI 316Ti NITRONIC 50 / AISI 316Ti
Steam	AISI 316L
Packing	PTFE, PTFE+'OR' FPM
Body gasket	PTFE
Acuator	Stainless steel
Yoke	Stainless steel



Control characteristic



Standard dimensions (mm)				
DN	A	B	C	D
4/10	97	150	68	Ø140

Standard weight*	
DN	4/10
kg	3,3

* without positioner, airset or other accessoiries

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