

Control valves

Series EURO

General service valve 2 way

BUROCCO

INDUSTRIAL VALVES srl

Technical data

Size (DN)	DN 15 — 100
Pressure rating	PN16
Connections	Flanges UNI/DIN PN16
Type sealing	Soft (Class VI)
Characteristic	Equalpercentage (eqp%) Action Pneumatic with diaphragm (supply max 3 bar)
Temperature	from -5 to +205°C

Description

The Series EURO control valve is a general service valve with a body made from nodular cast iron. The precise machined plug and seat give an excellent control performance. With the standard high quality PTFE/CG or PEEK plug insert the valve reaches a Class VI bubble tight shut off. The Series EURO control valve is the best choice for a simple and reliable globe valve. Series EURO valves can be used for liquid and gasses up to 16 bar and steam up to 12 bar.

Options

- ⇒ Plug sealing HPP PEEK
- ⇒ Characteristic linear
- ⇒ High temperature packing
- ⇒ Handwheel for emergency operation
- ⇒ Valve positioners
- ⇒ Limit switches
- ⇒ Airset
- ⇒ Electric linear actuators (230 V AC, 110/115 V AC, 24 V AC/DC)



Flow rate coefficient (CV)

DN	CV	KVs
15	4	3,5
20	7	6
25	12	10
32	18	15,5
40	28	24
50	48	41
65	72	61,5
80	105	90
100	160	136

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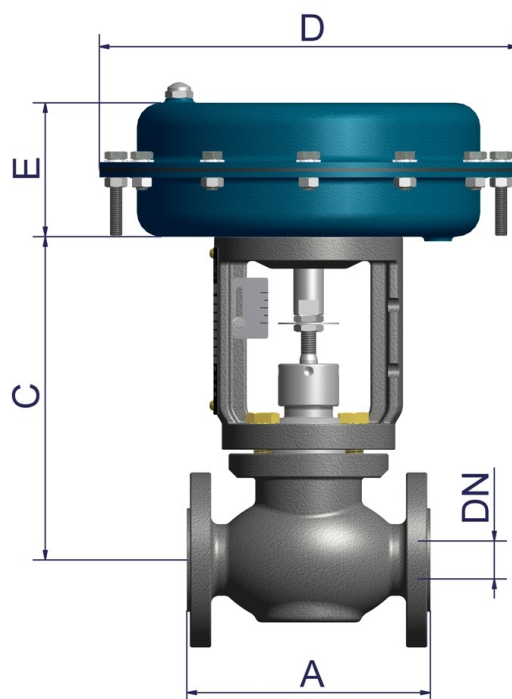
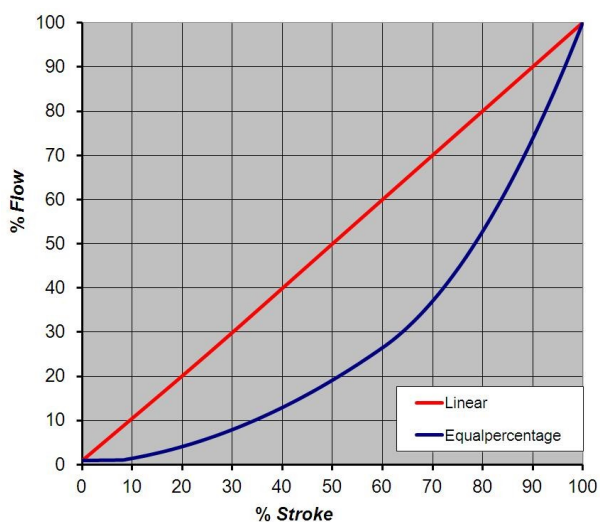
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Materials	
Valve body	Nodular cast iron GGG 40 (PN16)
Trim (plug - seat)	316L + PTFE-CG or PEEK plug insert
Stem	316L
Packing	PTFE, PTFE+'OR' FPM, special
Body gasket	FASIT 400, SIL C4500, PTFE
Acuator	FE (epoxy varnish)
Yoke	GGG 40 (epoxy varnish)

Control characteristic



Standard dimensions (mm)

DN	A	C	D	E
15	130	212	205 / 275	88 / 100
20	150	212	205 / 275	88 / 100
25	160	212	205 / 275	88 / 100
32	180	212	275 / 340	100 / 135
40	200	212	275 / 340	100 / 135
50	230	212	275 / 340	100 / 135
65	290	298	340 / 430	135
80	310	298	340 / 430	135
100	350	318	430	135

Standard weight*

DN	15	20	25	32	40	50	65	80	100
kg	12 / 15	13 / 16	14 / 17	19 / 25	20 / 26	26 / 32	47 / 53	51 / 57	65

* without positioner, airset or other accessories