Control Valves
Series 800
Valve 2 way



Technical data

Size (DN)	DN 15 — 150
Pressure rating	PN16, PN40
Connections	Flanges UNI/DIN PN16, PN40
Type sealing	Soft (Class VI) Metallic (Class IV - V)
Characteristic	Equalpercentage (eqp%)
Action	Pneumatic with diaphragm (supply max 3 bar)
Temperature	from -20 to +205˚C

Description

The control valves serie 800 have two way globe body with screwed single seat and lower bottom for inspection. The plug is guided in its upper part. They are particularly indicated for regulation in medium/light plants. All Burocco valves are delivered after testing and calibration and ready for a long utilize, without maintenance.

Options

- ⇒ Characteristic linear
- ⇒ Metallic seal
- ⇒ Flanges can be drilled to ANSI 150 but with face to face and rating according to DIN
- ⇒ Full stainless steel actuator for corrosive environment
- ⇒ 3-way (mixing or diverting) valves (see brochure 803)
- ⇒ Low Noise
- ⇒ Stroke limiter
- ⇒ Handwheel for emergency operation
- ⇒ Valve positioners
- ⇒ Limit switches
- ⇒ Position feedback
- ⇒ Airset
- ⇒ Electric linear actuators (230 V AC, 110/115 V AC, 24 V AC/DC)

Flow rate coefficient (CV)

DN	CV					
15	4	2,5 - 1,5	1 - 0,5	0,3 - 0,1	-	-
20	7	4	2,5 - 1,5	1 - 0,5	0,3 - 0,1	-
25	12	7	4	2,5 - 1,5	1 - 0,5	0,3 - 0,1
32	18	12	7	4	2,5 - 1,5	1 - 0,5
40	28	18	12	7	4	2,5 - 1,5
50	48	28	18	12	7	4
65	72	48	28	18	-	-
80	105	72	48	28	-	-
100	160	105	72	48	28	-
125	210	160	105	72	-	-
150	300	210	160	105	72	-

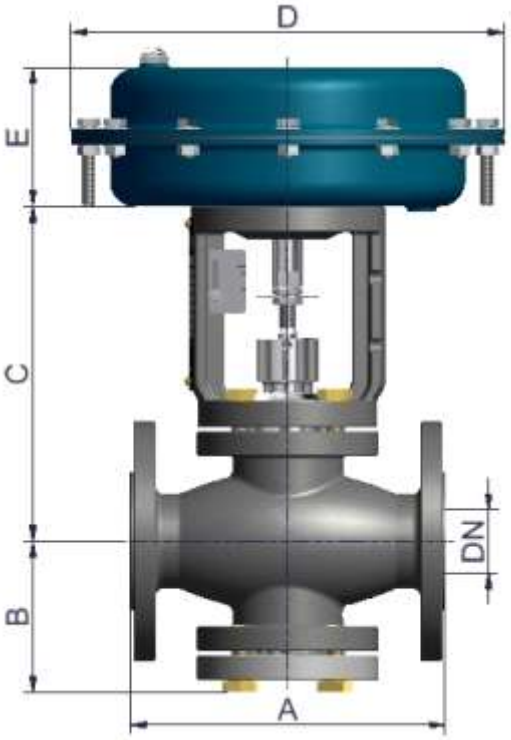
KLINGER ITALY SRL - Viale Alcide De Gasperi, 88 — 20017 RHO (MI) ITALY
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KLINGER reserves the right to make improvements without prior notice 12/16

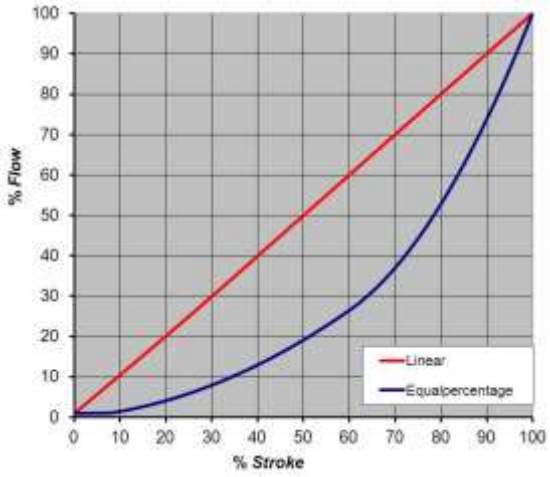
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Materials	
Valve body	Nodular cast iron GGG 40 (PN16) Carbon steel ASTM A216WCB Stainless steel ASTM CF8M
Trim (plug - seat)	316L / 17-4PH / 316L+Stellite / Hastelloy / Monel
Stem	316L / Hastelloy / Monel
Packing	PTFE, PTFE+'OR' FPM, special
Body gasket	SIL C4500, SLS 100C PTFE, special
Acuator	FE (epoxy varnish) Stainless steel
Yoke	GGG 40 (epoxy varnish) Stainless steel



Control characteristic



Dimensions (*mm*)

DN	A	B	C	D	E
15	130	96	212	205 / 275	88 / 100
20	150	96	212	205 / 275	88 / 100
25	160	96	212	205 / 275	88 / 100
32	180	96	212	275 / 340	100 / 135
40	200	96	212	275 / 340	100 / 135
50	230	100	212	275 / 340 / 430	100 / 135 / 135
65	290	137	298	340 / 430	135
80	310	137	298	340 / 430	135
100	350	159	318	430	135
125	400	233	430	430 / 430 HP	160 / 200
150	480	233	430	430 / 430 HP	160 / 200

Indicative weight*

DN	15	20	25	32	40	50	65	80	100	125	150
kg	14 / 17	15 / 18	16 / 19	22 / 29	23 / 30	29 / 35 / 41	53 / 59	57 / 63	78	126/131	151/156

* without positioner, airset or other accessoiries

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