



VALVES INSTRUMENTS PLUS

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Commissioning Range



VIP Product Code
00/0121

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PN16 Cast Iron Double Regulative Valve

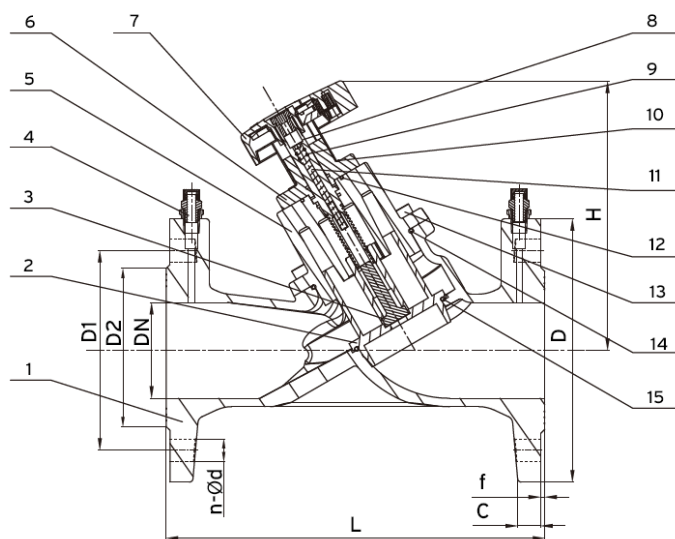
Variable Orifice Double Regulating Valve, Oblique Pattern, Flanged BS EN 1092-2 PN16. Supplied with 2x Test Points.

The Double Regulating feature allows the valve to be used for isolation and to be reopened to it's pre-set position to maintain the required flow rate.

Specification

- Temperature Rating: 0°C - 80°C
- Pressure Rating: 16 Bar
- Design Standard: BS 7350, BS EN 13789
- Tolerance on nominal Kv for completely open valve $\pm 5\%$
- Plugged threaded drains (1/4" ISO 7/1Rp) for test points

Materials of Construction



Part No.	Name	Material
1	Valve Body	EN-GJS-450-10
2	Disc	BRASS HPb59-1
3	Disc Screw	SS304
4	Pressure Point	Brass HPb59-1
5	Cover	EN-GJS-450-10
6	Gland	BRASS HPb59-1
7	Handwheel	DN65-150 - PA GF30 DN200-250 AL
8	Valve Stem	BRASS HPb59-1
9	O-Ring	NBR
10	Socket Head Bolts	Carbon Steel Zinc Plated
11	Adjusting Screw	DN65-80 SS304 DN100-250 Brass HPb59-1
12	O-Ring	NBR
13	Socket Head Bolts	Carbon Steel Zinc Plated
14	O-Ring	NBR
15	Seal	EPDM

Dimensions

VIP Code	DN		Dimensions (mm)								Turns to Open
	Inch	mm	L	H	D	D1	D2	C	f	n-Ød	
00/0121/065	2 1/2"	65	290	185	185	145	118	19	3	4-Ø19	8
00/0121/080	3"	80	310	225	200	160	132	19	3	8-Ø19	7
00/0121/100	4"	100	350	240	220	180	156	19	3	8-Ø19	8
00/0121/125	5"	125	400	280	250	210	184	19	3	8-Ø19	7
00/0121/150	6"	150	480	300	285	240	211	19	3	8-Ø23	8
00/0121/200	8"	200	600	450	340	295	266	20	3	12-Ø23	11
00/0121/250	10"	250	730	500	405	355	319	22	3	12-Ø28	12

Kv Values

Ring	DN65	DN80	DN100	DN125	DN150	DN200	DN250
0.5	5.25	5.62	6.75	12.53	13.95	16.95	25.56
1	6.6	7.1	9.59	18.1	20.92	23.99	38.35
1.5	7.27	11.35	13.06	18.65	40.8	26.56	46.39
2	7.52	15.9	16.23	22.66	61.63	27.73	70.5
2.5	8.74	19.48	21.53	37.93	78.3	64.89	92.96
3	10.92	20.85	31.51	49.94	93.27	103.45	118.13
3.5	12.52	21.54	43.33	61.56	115.67	142.84	137.86
4	16.81	35.64	59.78	98.05	176.22	180.7	140.78
4.5	27.99	56.39	88.91	138.35	229.09	235.18	155.16
5	41.13	71.26	102.2	157.86	264.37	302.83	218.04
5.5	48.27	82.26	118.78	171.53	295.9	349.95	305.13
6	53.53	93.14	135.45	201.14	321.68	398.94	367.7
6.5	54.21	101.89	150.46	229.62	339.38	451.81	412.42
7	59.66	107.92	164.24	246.41	359.75	504.36	470.32
7.5	64.88		178.1		379.97	547.39	530.14
8	70.65		188.06		407.04	561.53	601.35
8.5						590.88	669.96
9						632.76	725.97
9.5						663.03	795.4
10						690.38	843.75
10.5							897.44
11							948.39
11.5							1004.88
12							1056.54

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VALUE IS PARAMOUNT

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