

Variable Orifice Balancing Valve - Flanged PN16

LV 2483

Flanged PN16, Cast Iron Body, EPDM Seat, Brass Internals, Variable Orifice, Includes Test Points.



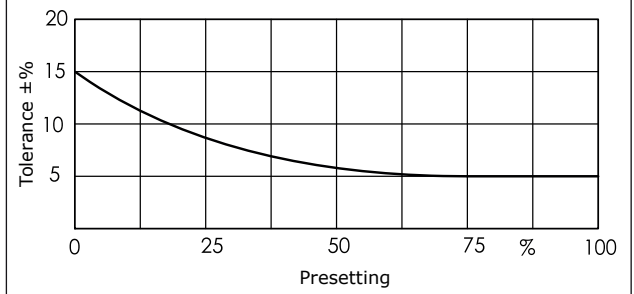
Pressure / Temperature Specifications

Pressure	PN16
Temperature	-10°C to 120°C

Material Specifications

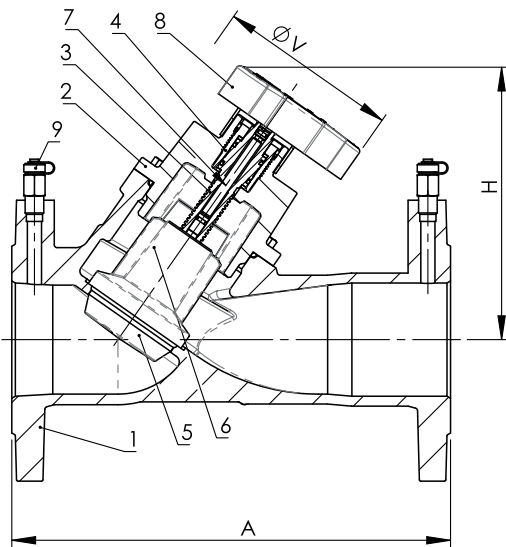
1. Body	EN GJL 250 Cast Iron
2. Bonnet	EN GJL 250 Cast Iron
3. Stem	CW614N Brass
4. Ring Nut	CW614N Brass
5. Seal	EPDM
6. Obturator	Engineering Plastics
7. Limiting Screw	CW614N Brass
8. Handwheel 2½" to 6"	Polyamide
9. Test Points	Brass
10. Handwheel 8"	Epoxy Coated Steel
11. Position Indicator 8"	Polyamide
O-ring	EPDM
Bolts & Nuts	AISI 304 Stainless Steel

Flow Tolerance depending on Presetting

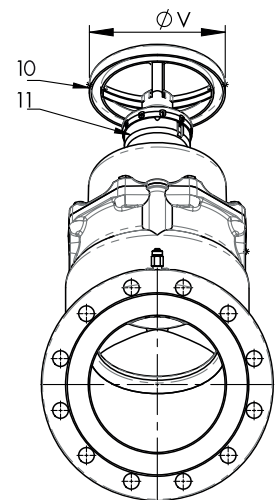
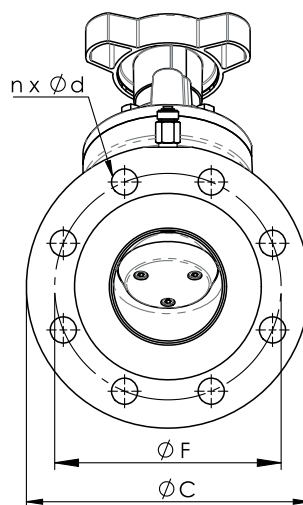


Dimensions

Size	A	H	V	C	F	n x D	Kg
2½"	290	195	128	185	145	4 x 18	12.6
3"	310	212	128	200	160	8 x 18	15.6
4"	350	228	128	220	180	8 x 18	21.3
5"	400	251	128	250	210	8 x 18	30.0
6"	480	287	128	285	240	8 x 22	43.5
8"	600	500	200	340	295	12 x 22	84.0



2½" to 6"



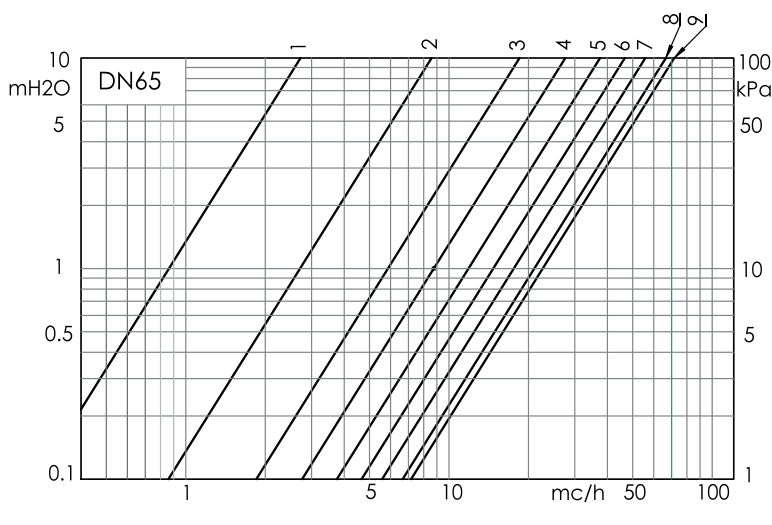
8"

Further information on Page 2

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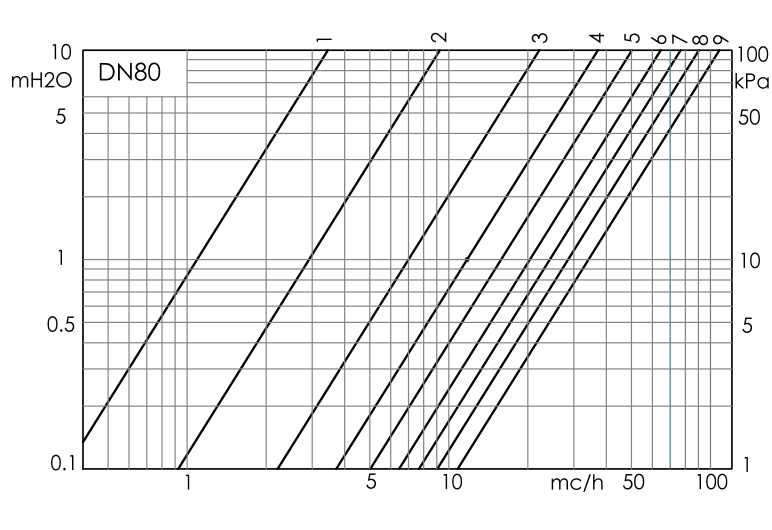
Pressure Loss Chart 2½"



Kv Values 2½"

Position	Kv	Position	Kv
0.0	0.0	6.5	51.6
0.5	1.5	7.0	55.8
1.0	2.7	7.5	62.3
1.5	3.8	8.0	66.7
2.0	8.6	8.5	70.2
2.5	14.0	9.0	71.8
3.0	18.5		
3.5	23.4		
4.0	27.7		
4.5	32.5		
5.0	37.5		
5.5	42.5		
6.0	46.6		

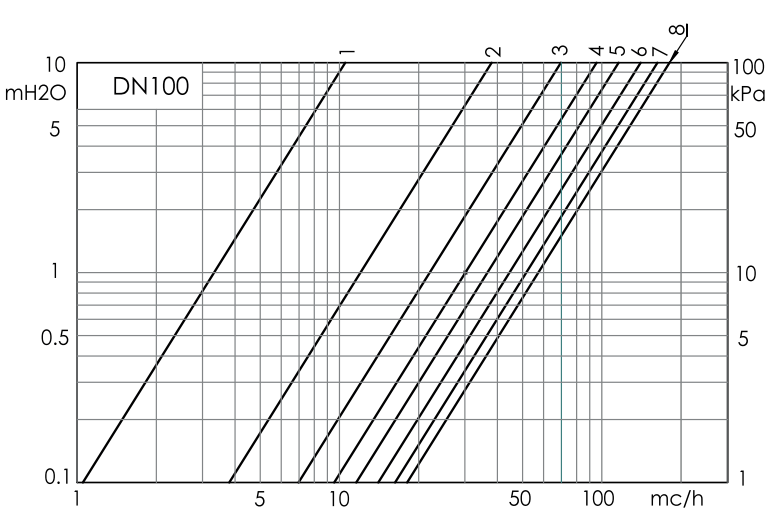
Pressure Loss Chart 3"



Kv Values 3"

Position	Kv	Position	Kv
0.0	0.0	6.5	71.2
0.5	2.3	7.0	77.0
1.0	3.5	7.5	84.0
1.5	4.1	8.0	90.5
2.0	9.3	8.5	97.1
2.5	14.5	9.0	108.0
3.0	22.2		
3.5	29.0		
4.0	37.1		
4.5	43.2		
5.0	50.2		
5.5	58.6		
6.0	64.5		

Pressure Loss Chart 4"



Kv Values 4"

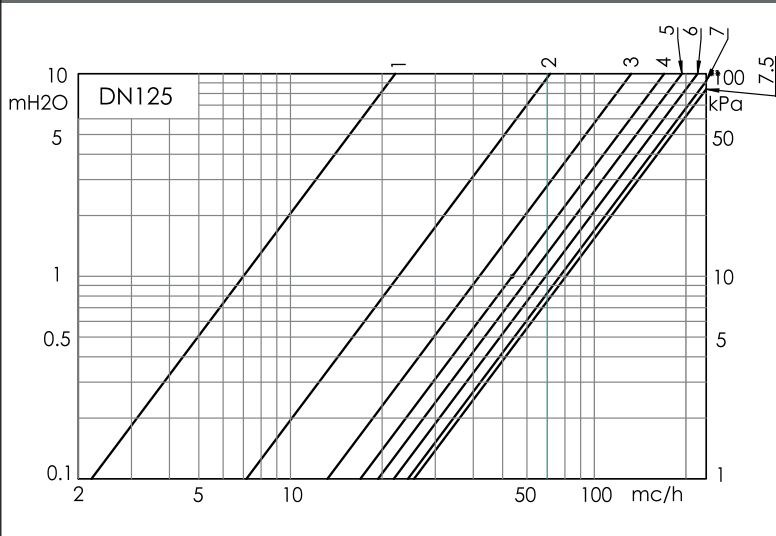
Position	Kv	Position	Kv
0.0	0.0	6.5	154.0
0.5	3.4	7.0	163.3
1.0	10.5	7.5	173.4
1.5	23.9	8.0	181.0
2.0	38.0		
2.5	54.3		
3.0	69.9		
3.5	83.1		
4.0	95.6		
4.5	105.8		
5.0	115.7		
5.5	128.7		
6.0	140.6		

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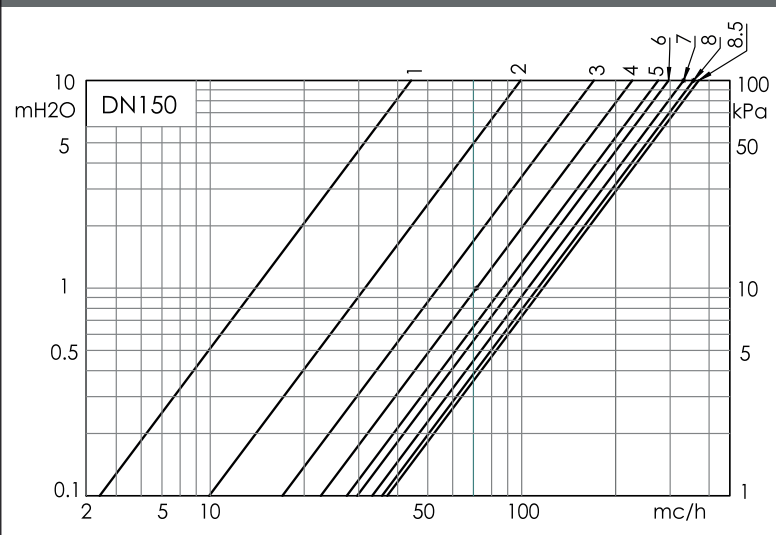
Pressure Loss Chart 5"



Kv Values 5"

Postion	Kv	Postion	Kv
0.0	0.0	6.5	232.5
0.5	5.3	7.0	243.4
1.0	22.1	7.5	255.2
1.5	42.6		
2.0	71.7		
2.5	104.7		
3.0	132.4		
3.5	155.2		
4.0	170.0		
4.5	182.4		
5.0	194.2		
5.5	207.4		
6.0	219.0		

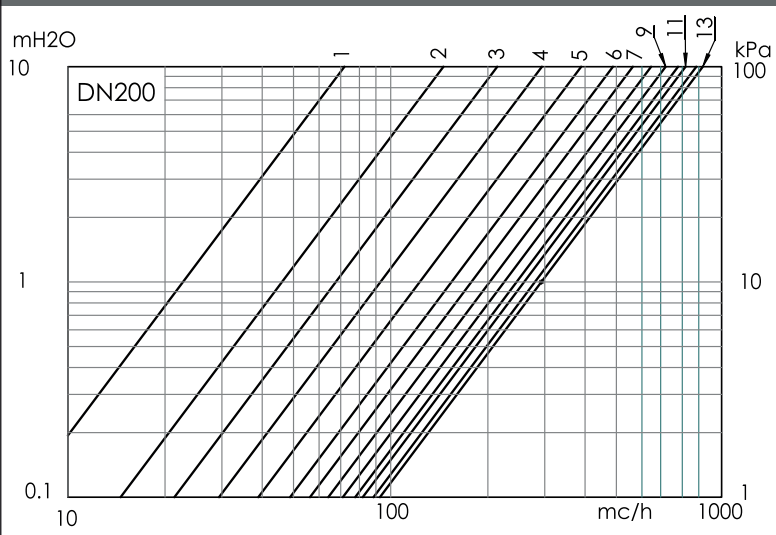
Pressure Loss Chart 6"



Kv Values 6"

Postion	Kv	Postion	Kv
0.0	0.0	6.5	315.0
0.5	24.7	7.0	331.5
1.0	44.1	7.5	342.8
1.5	73.3	8.0	357.8
2.0	99.2	8.5	370.5
2.5	130.3		
3.0	170.6		
3.5	202.4		
4.0	226.7		
4.5	248.5		
5.0	274.0		
5.5	292.0		
6.0	303.7		

Pressure Loss Chart 8"



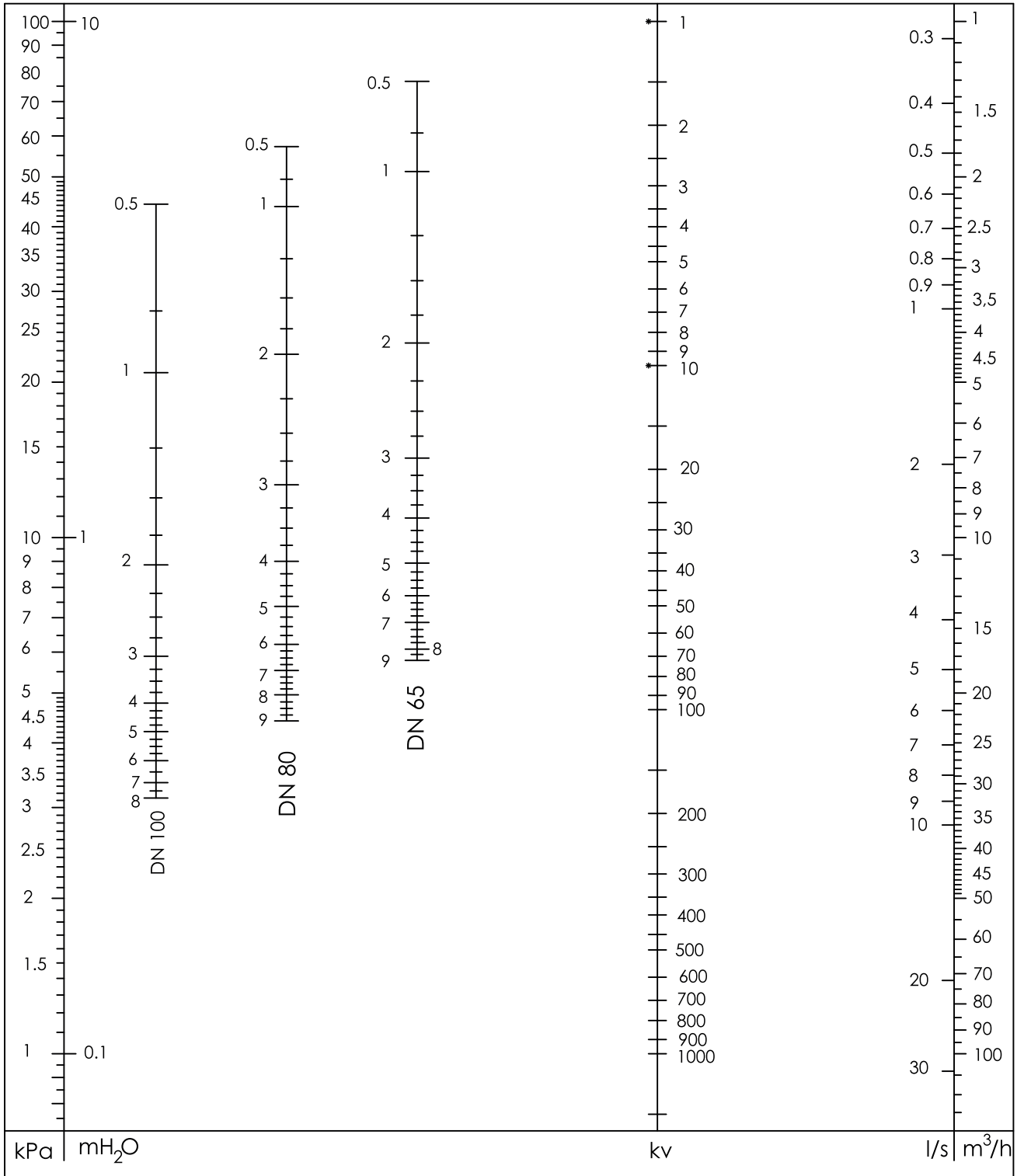
Kv Values 8"

Postion	Kv	Postion	Kv
0.0	0.0	7.0	562.1
1.0	71.9	7.5	601.0
1.5	112.9	8.0	640.0
2.0	145.5	8.5	682.6
2.5	181.0	9.0	711.1
3.0	213.5	9.5	750.9
3.5	250.3	10.0	776.1
4.0	294.1	10.5	796.5
4.5	335.2	11.0	818.7
5.0	388.6	11.5	849.9
5.5	437.7	12.0	884.2
6.0	487.3	12.5	912.5
6.5	519.6	13.0	927.1

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Regulation Chart 2½" to 4"



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Regulation Chart 5" to 8"

