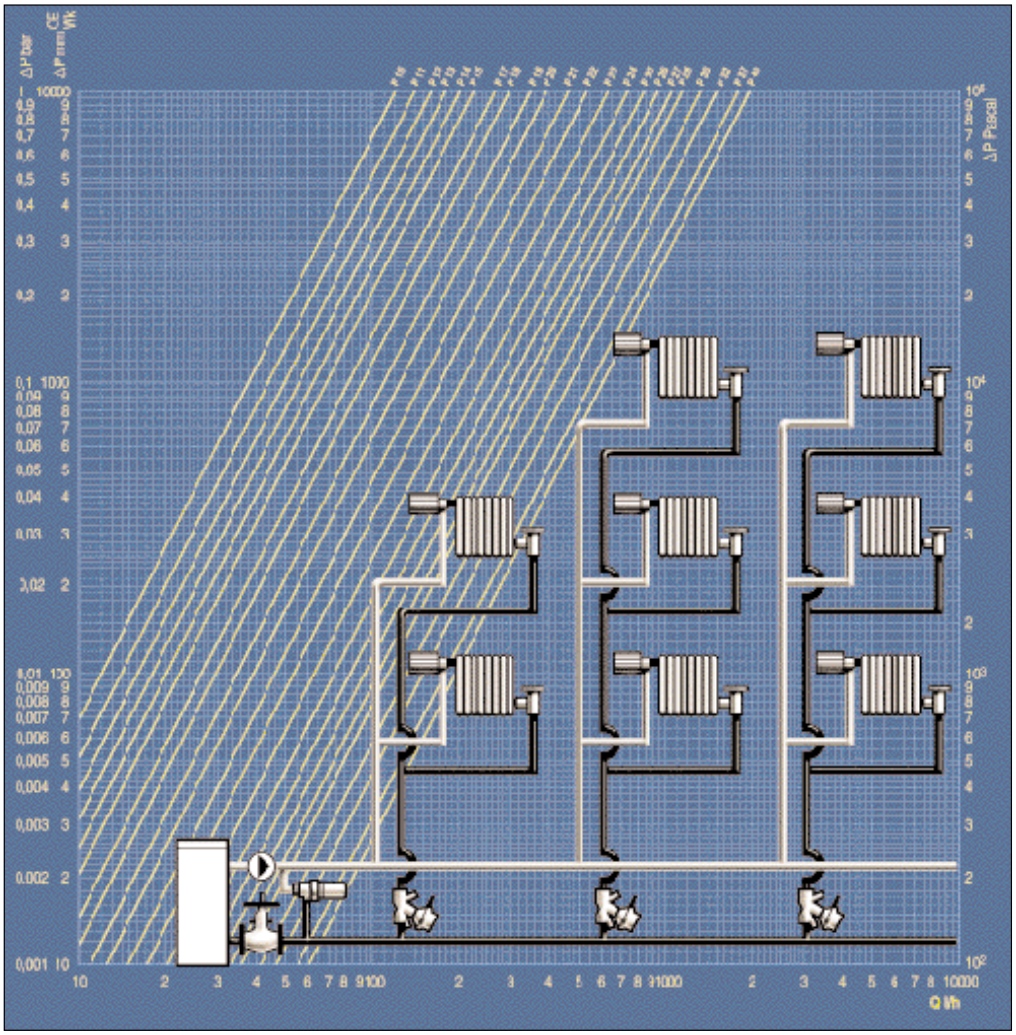
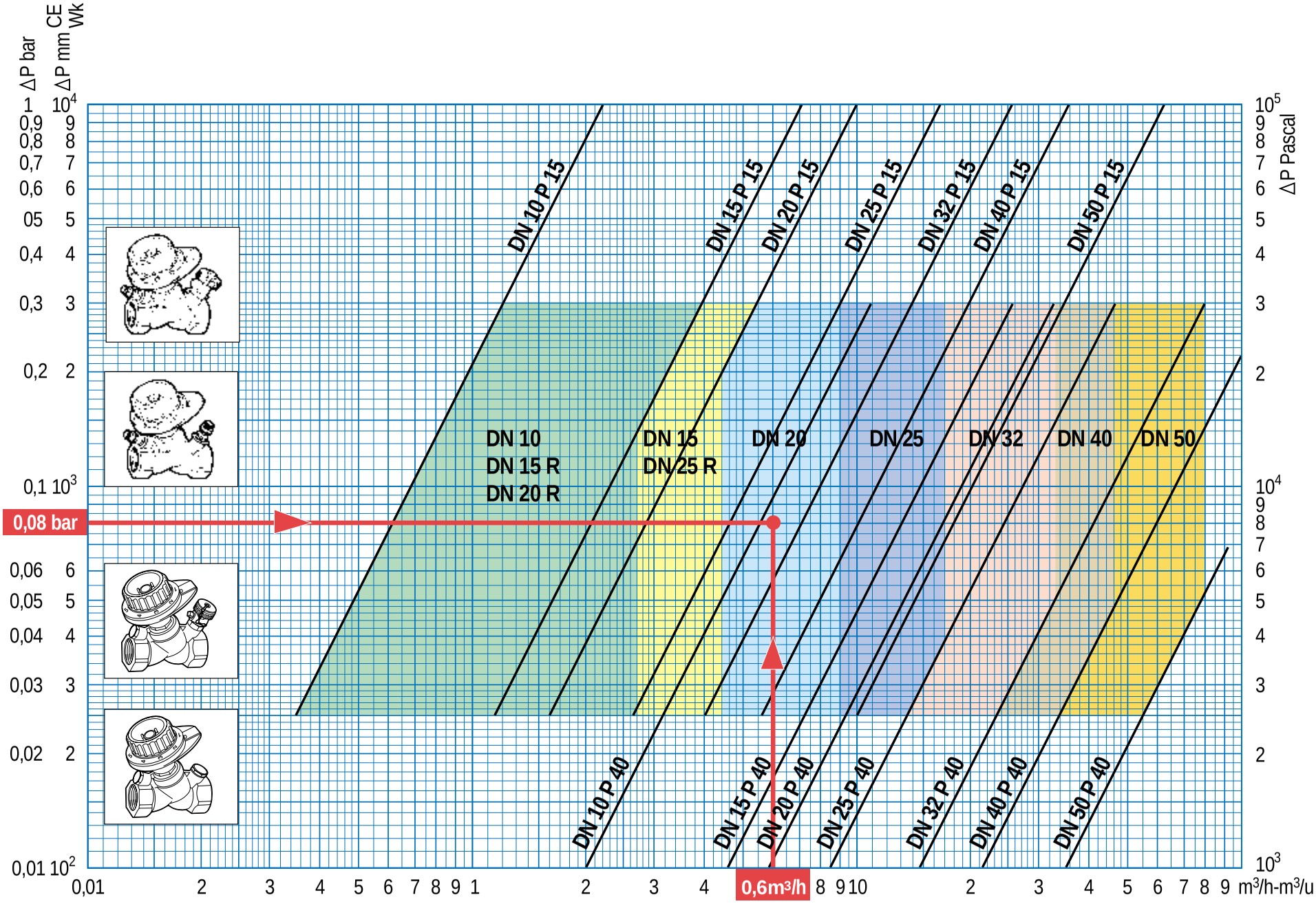

ΔP bar
ΔP mm CE
ΔP Pascal
Q l/h


ΔP bar
ΔP mm CE Wk
ΔP Pascal
DN 10 P 15
DN 15 P 15
DN 20 P 15
DN 25 P 15
DN 32 P 15
DN 40 P 15
DN 50 P 15
DN 10 P 40
DN 15 P 40
DN 20 P 40
DN 25 P 40
DN 32 P 40
DN 40 P 40
DN 50 P 40
DN 10
DN 15 R
DN 20 R
DN 15
DN 25 R
DN 20
DN 25
DN 32
DN 40
DN 50
0,08 bar
0,6m³/h
m³/h-m³/u

REF	DN - ND																			
	10	15	15R	20	20R	25	25R	32	40	50	65	80	100	125	150	200	250	300	350	400
750	5	6	7	8	9	10	11	12	13	14										
751	5	6	7	8	9	10	11	12	13	14										
752	5	6		8		10		12	13	14										
753	5	6		8		10		12	13	14										
Y = a X^6 + b X^5...	17 - 18																			
751B		19		19		20		20	21	21	22	22	23	23	24	24				
750 B																	25	25	26	26
Y = a X^6 + b X^5...	28 - 29																			
1750	30	31	32	33	34	35	36	37	38	39										
1751	30	31	32	33	34	35	36	37	38	39										
1752	30	31		33		35		37	38	39										
1753	30	31		33		35		37	38	39										
Y = a X^6 + b X^5...	41 - 42																			

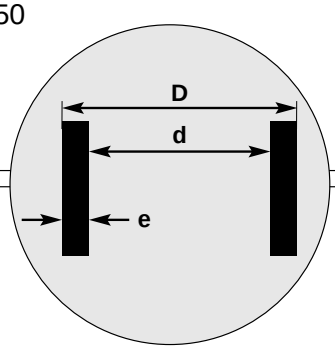
Коэффициент ZETA рассчитывается в соответствии с диаметрами труб:

$$\text{Zeta} = \frac{2.g.\Delta P}{V^2.\gamma}$$

$g = 9{,}81\,m/s^2$ ΔP : daPa
v : (m/s) $\gamma = 1000\,kg/m^3$

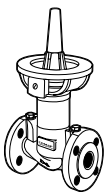
DIN 2440 - NF A49.115

750 ➡1753
DN15 ➡ DN50

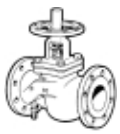


DN - ND	D	e	d
10	17,2	2,35	12,5
15 R	21,3	2,65	16
20 R	26,9	2,65	21,6
25 R	33,7	3,25	27,2
32	42,4	3,25	35,9
40	48,3	3,25	41,8
50	60,3	3,65	53

DIN 2448 - NF A49.112

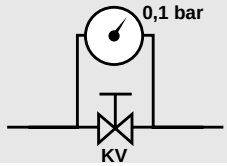


751B
DN50 ➡ DN200

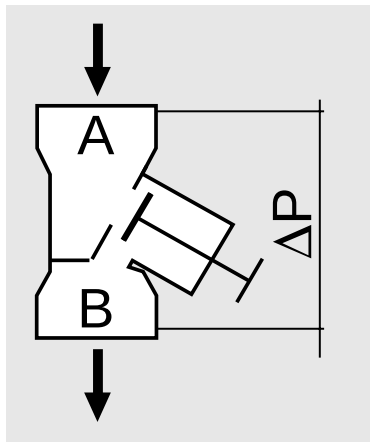


750B
DN250 ➡ DN400

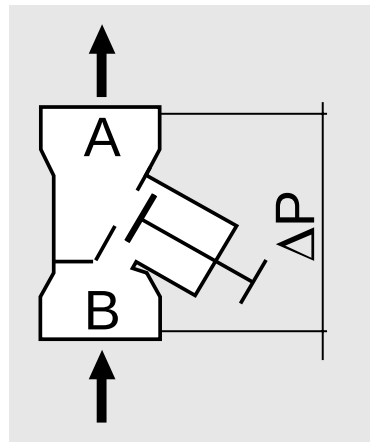
DN - ND	D	e	d
50	60,3	2,9	54,5
65	76,1	2,9	70,3
80	88,9	3,2	82,5
100	114,3	3,6	107,1
125	139,7	4	131,7
150	168,3	4,5	159,3
200	219,1	6,3	206,5
250	273	6,3	260,4
300	323,9	7,1	309,7
350	355,6	8	339,6
400	406,4	8,8	388,8




Направление потока


A
B
ΔP


Направление потока

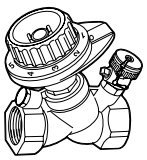

A
B
ΔP

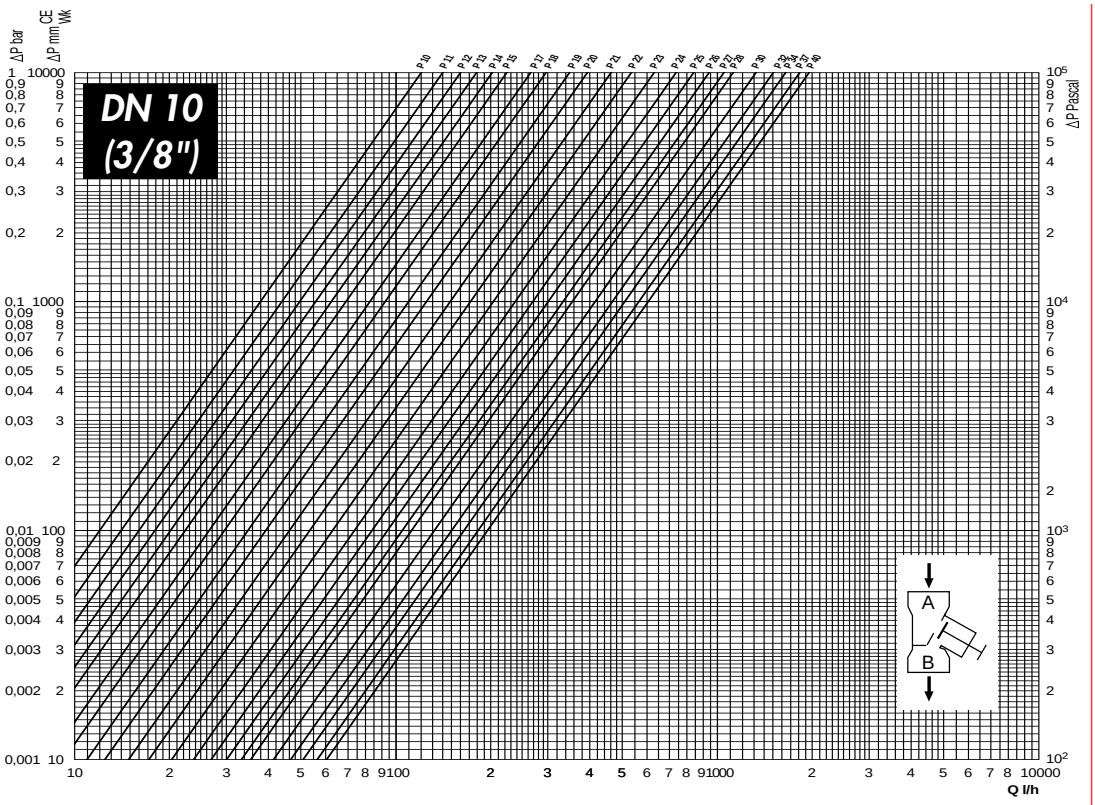
Балансировочные клапана, бронзовые DZR

750

751

752





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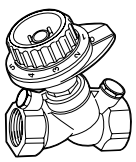
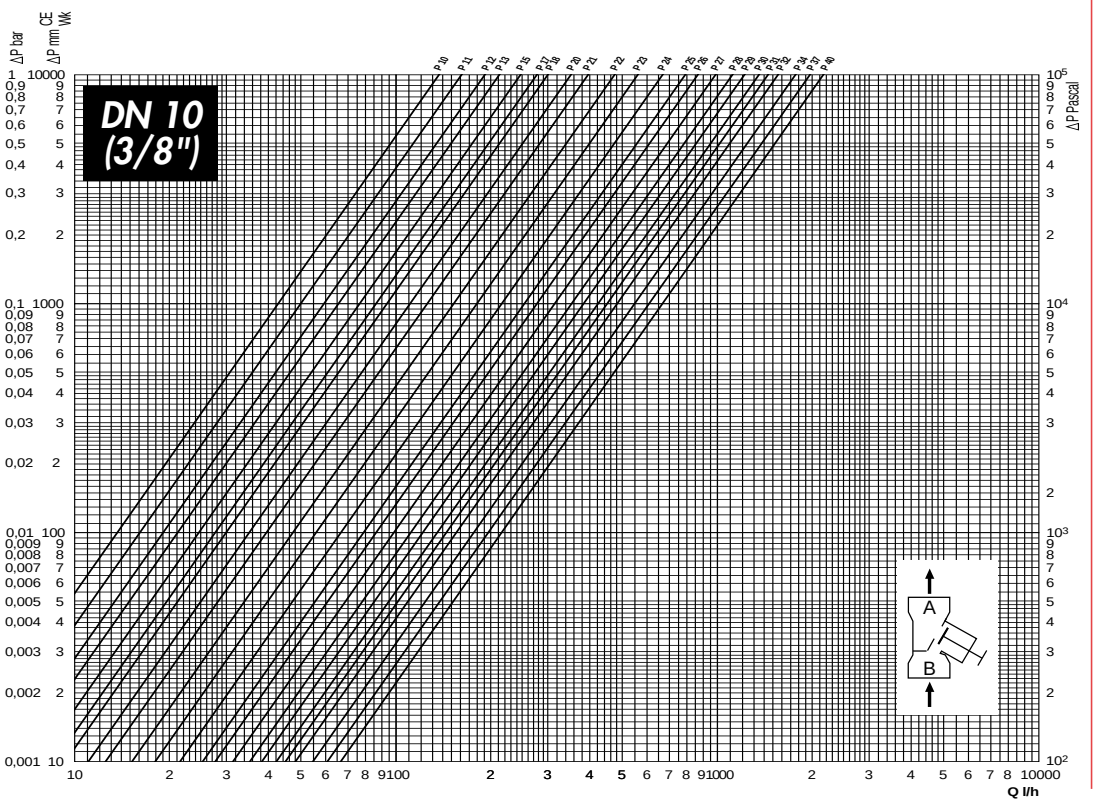


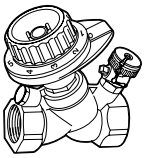


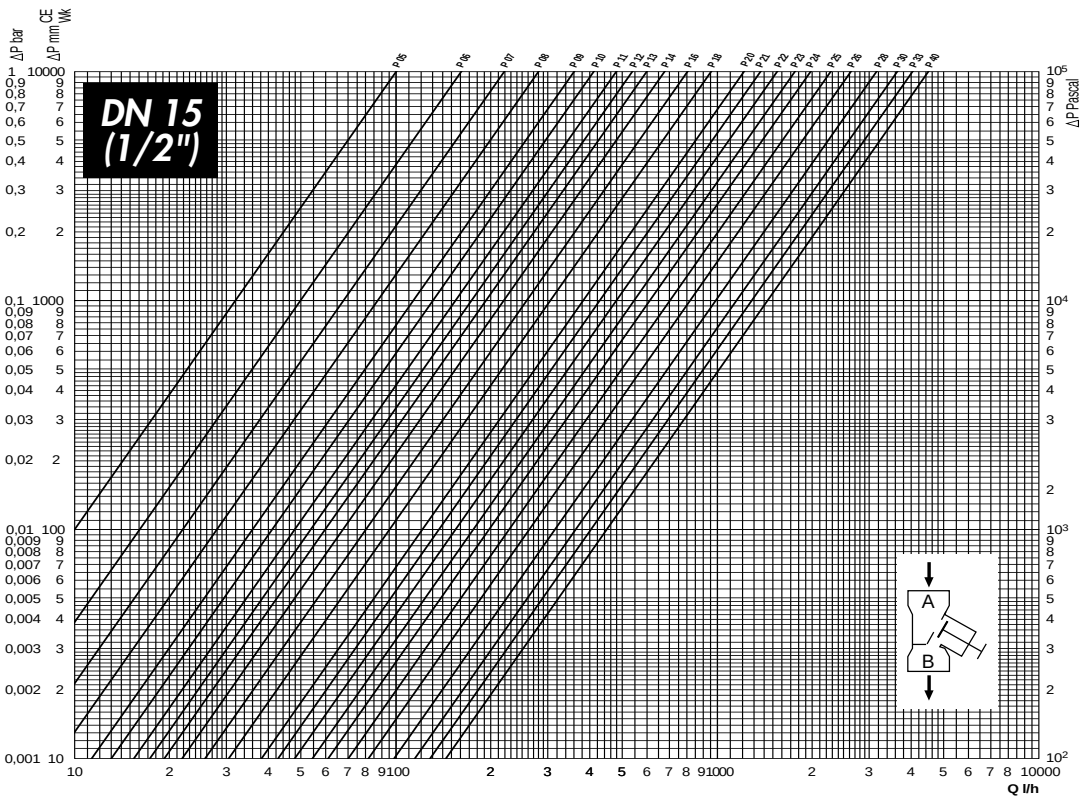
Балансировочные клапана, бронзовые DZR

750

751

752





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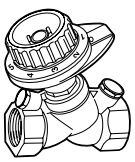
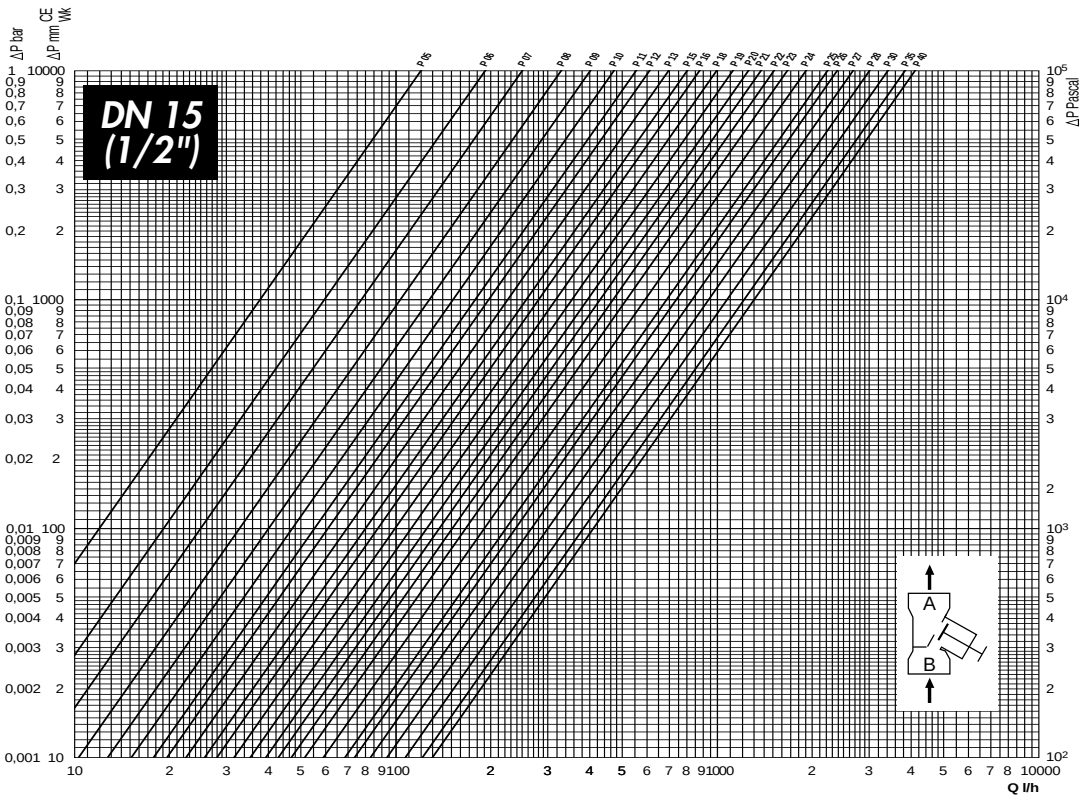
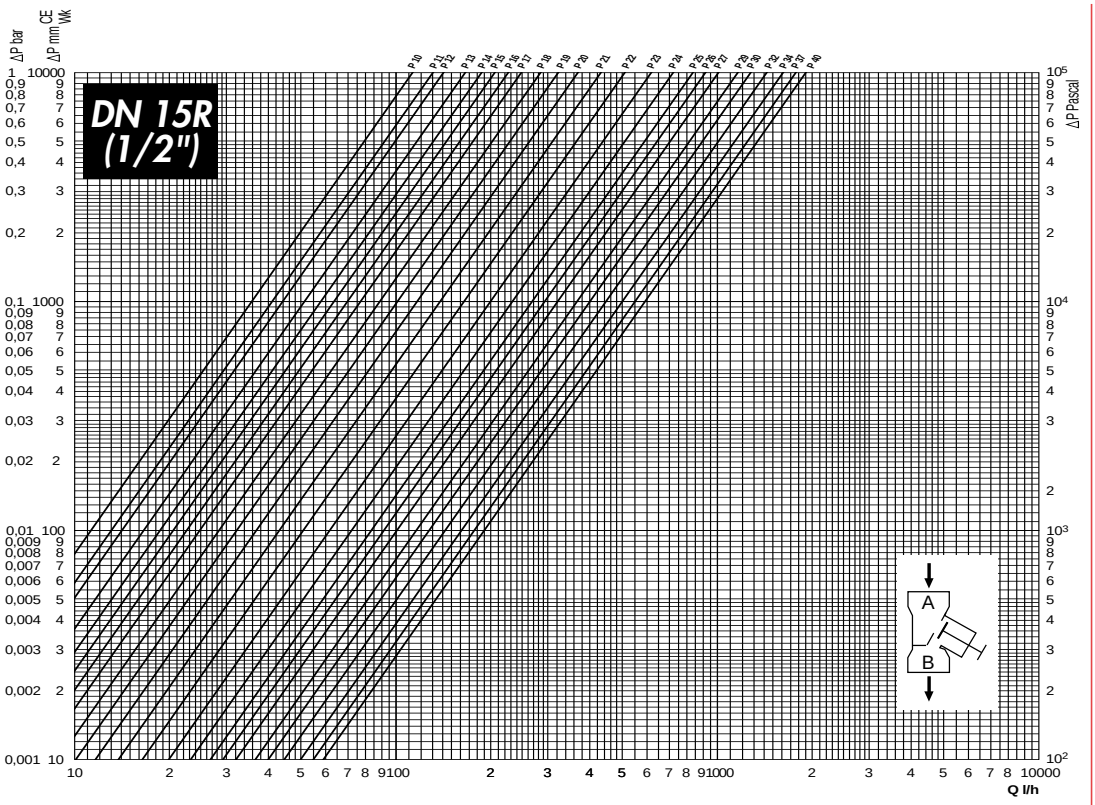


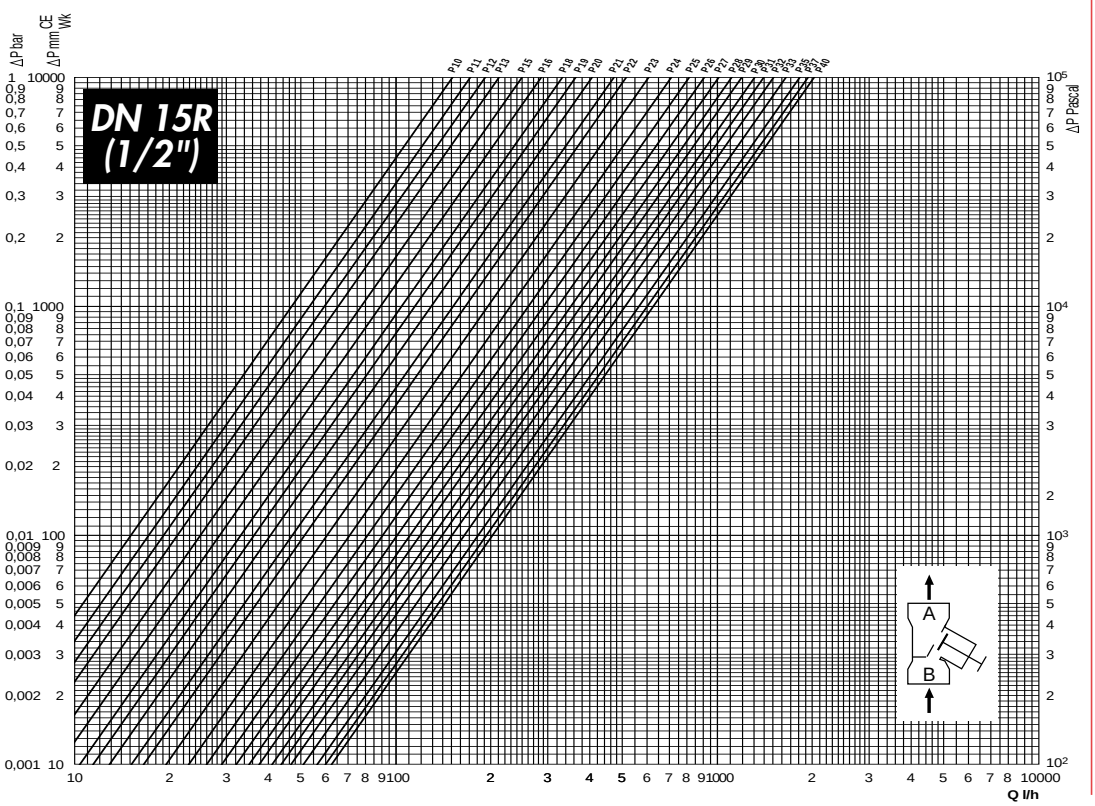


Балансировочные клапана, бронзовые DZR

750 R

751 R



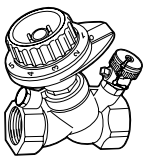


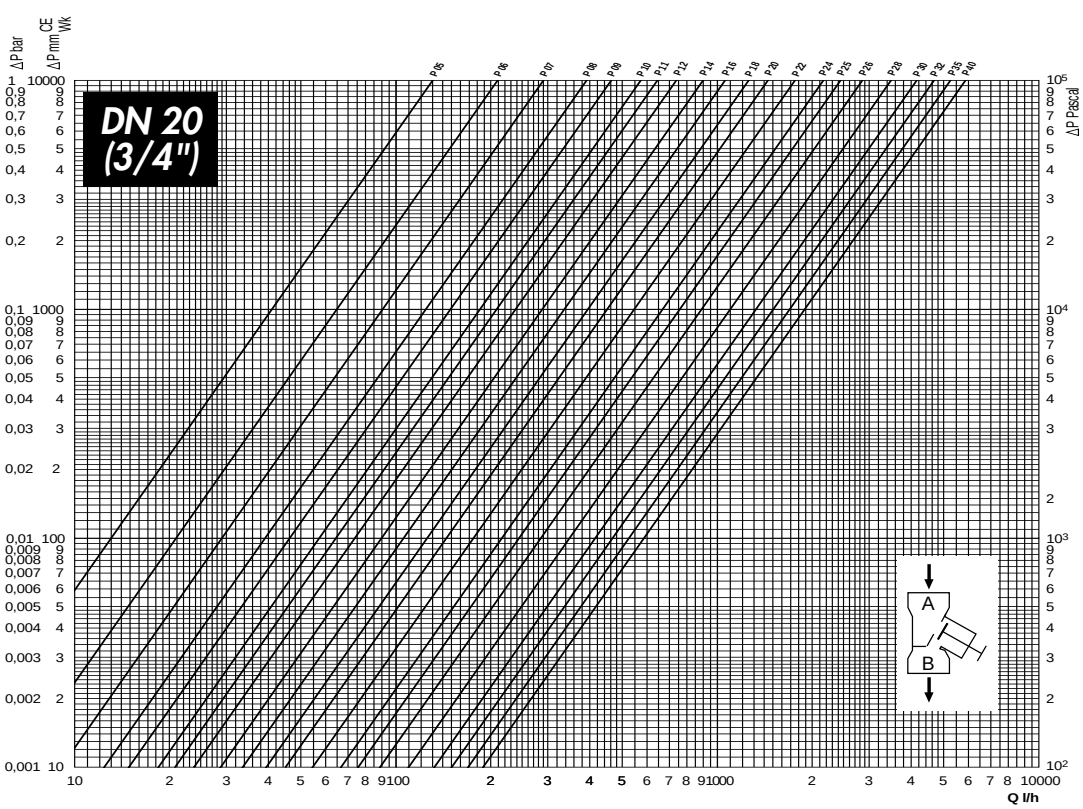
Балансировочные клапана, бронзовые DZR

750

751

752





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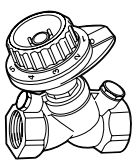
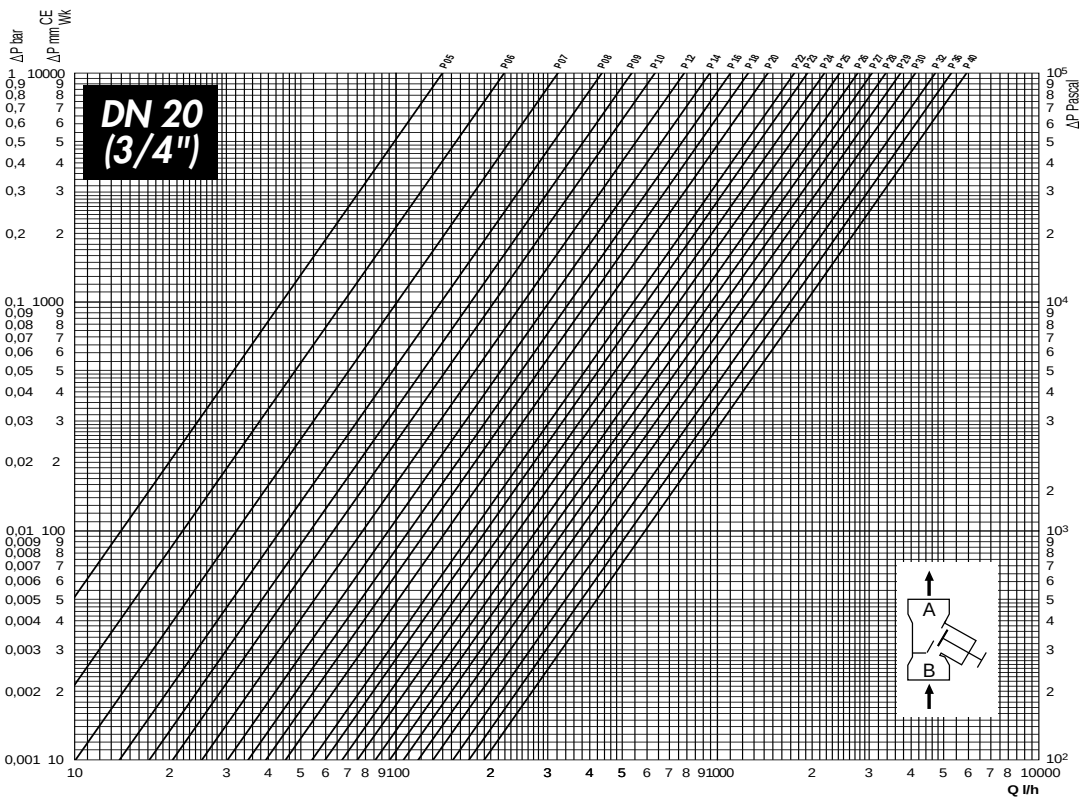
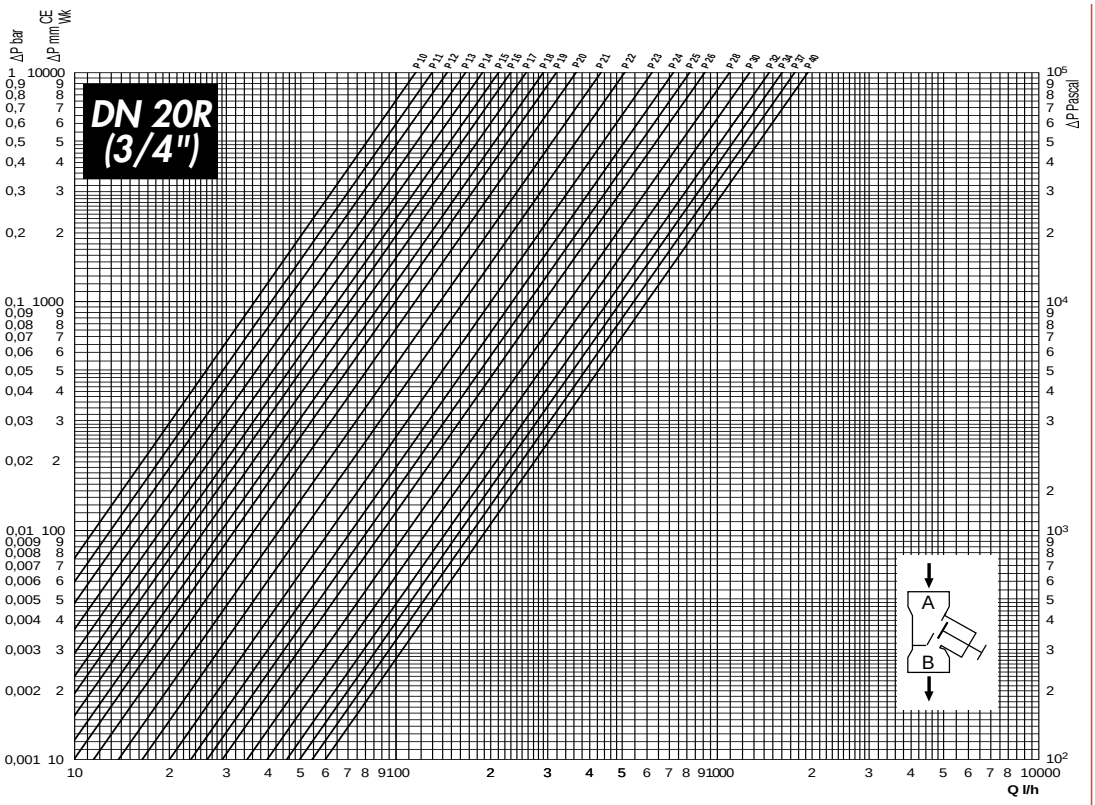


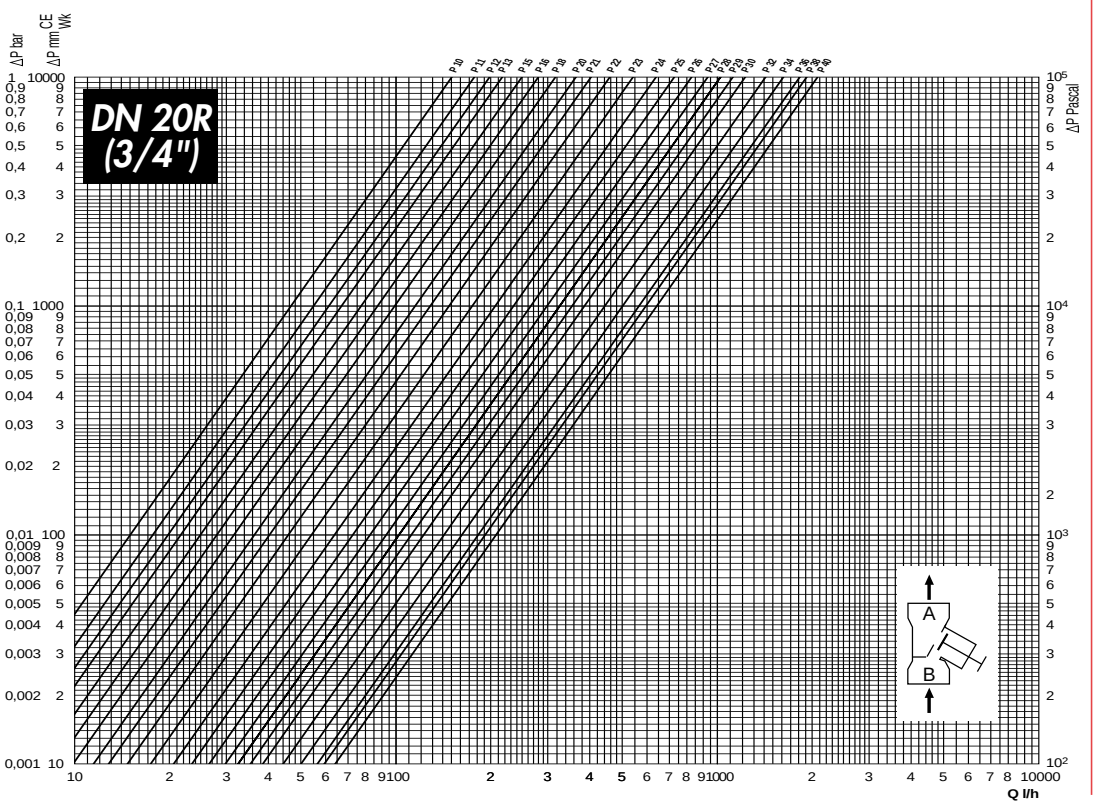


Балансировочные клапана, бронзовые DZR

750 R

751 R



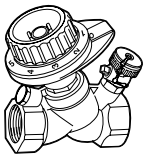


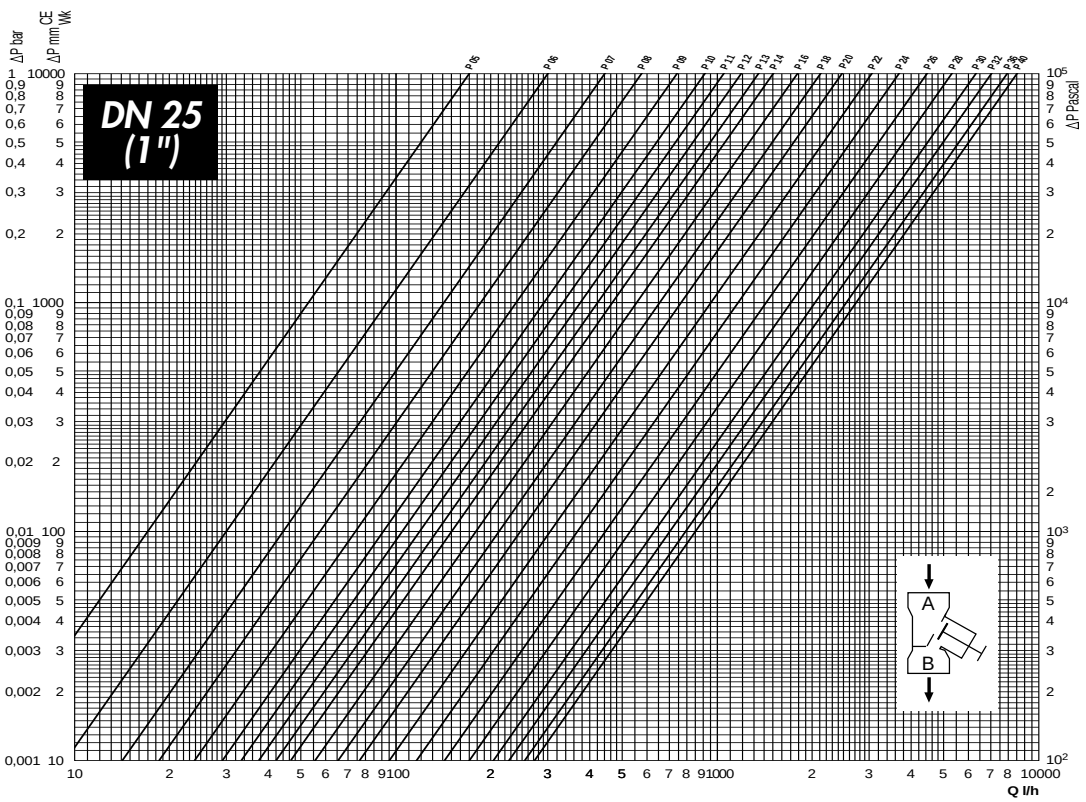
Балансировочные клапана, бронзовые DZR

750

751

752





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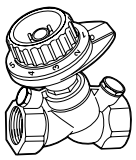
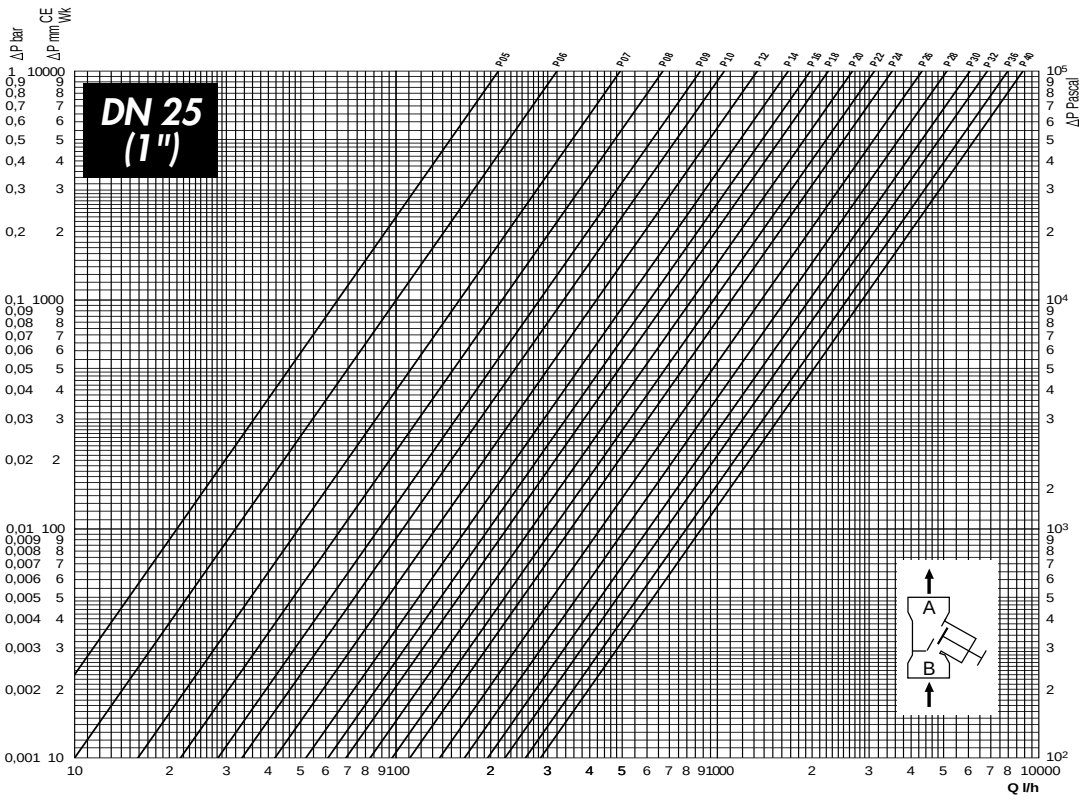
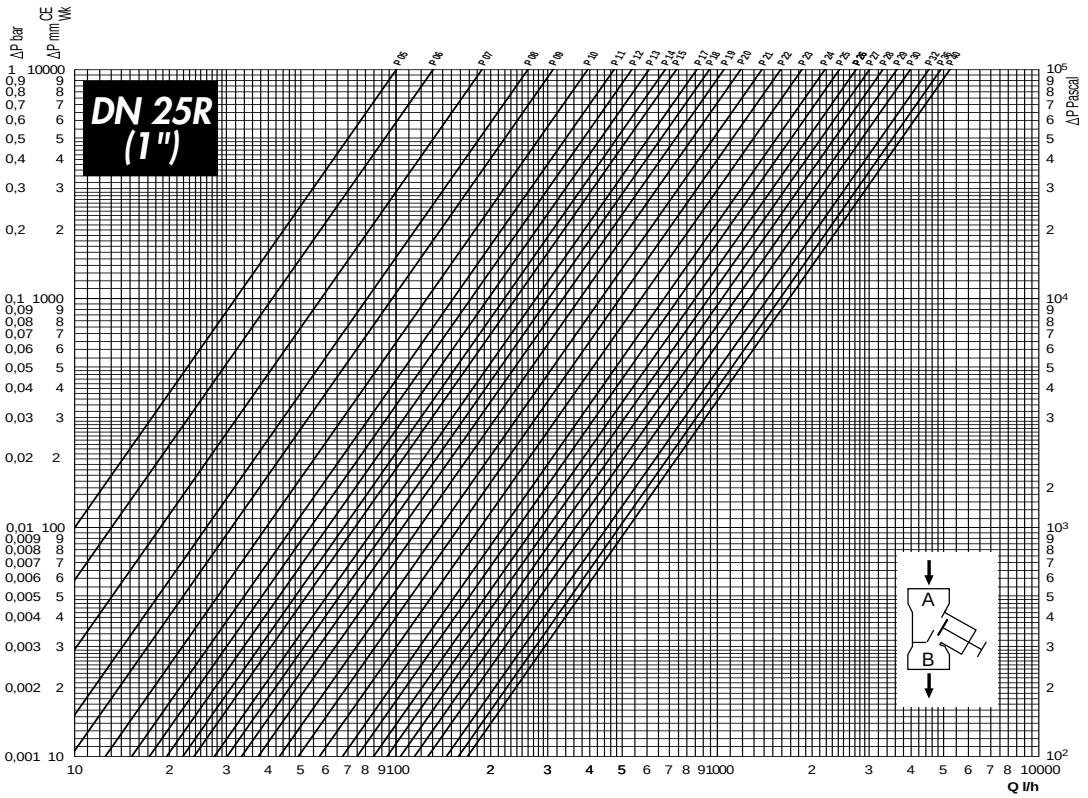


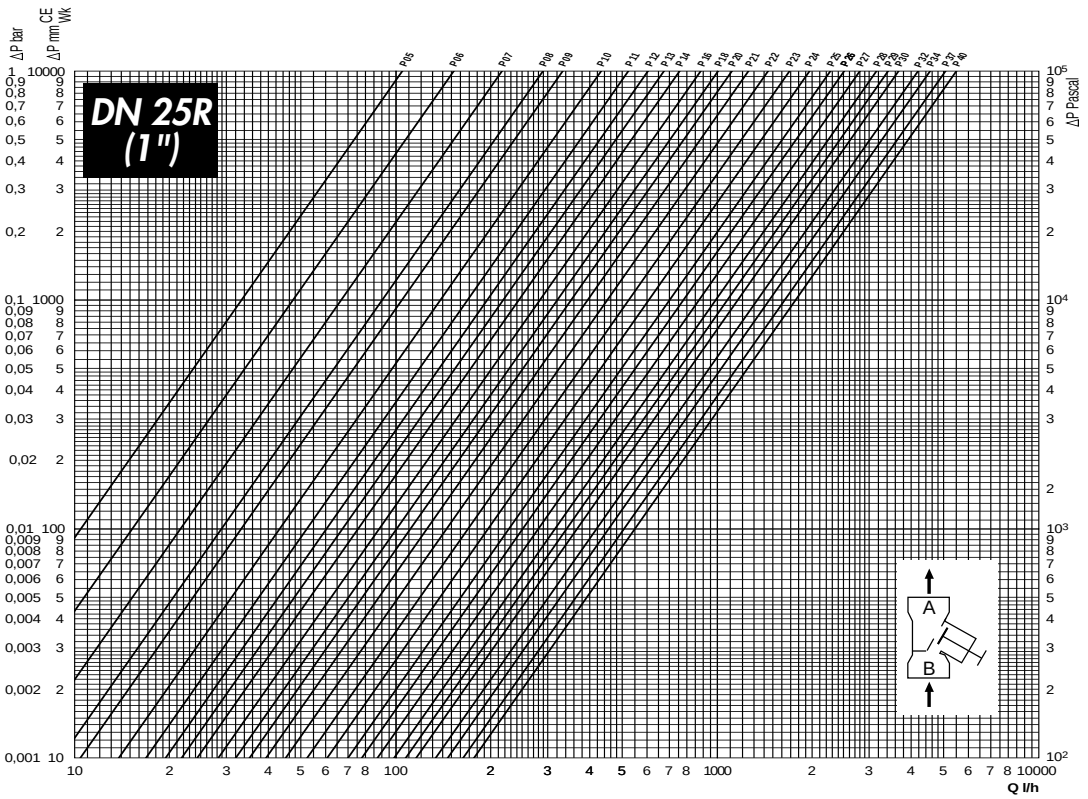


Балансировочные клапана, бронзовые DZR

750 R

751 R



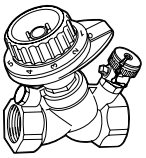


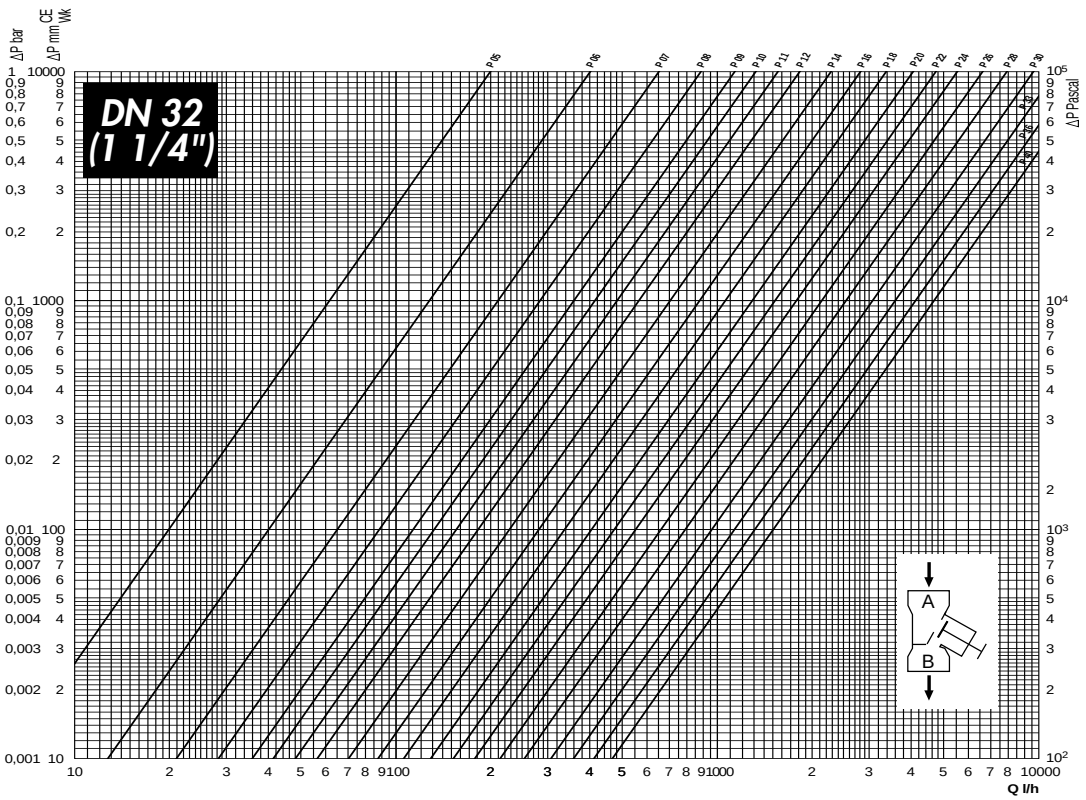
Балансировочные клапана, бронзовые DZR

750

751

752





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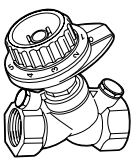

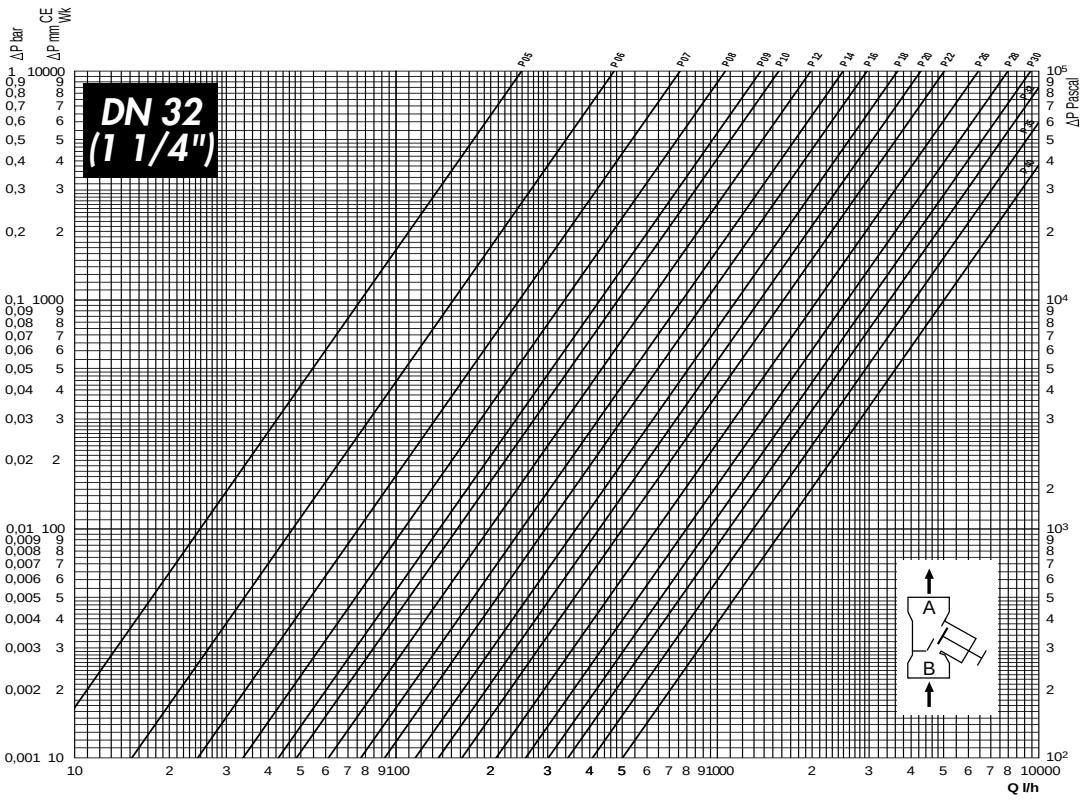

Балансировочные клапана, бронзовые DZR

750

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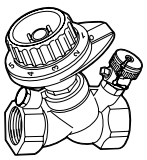

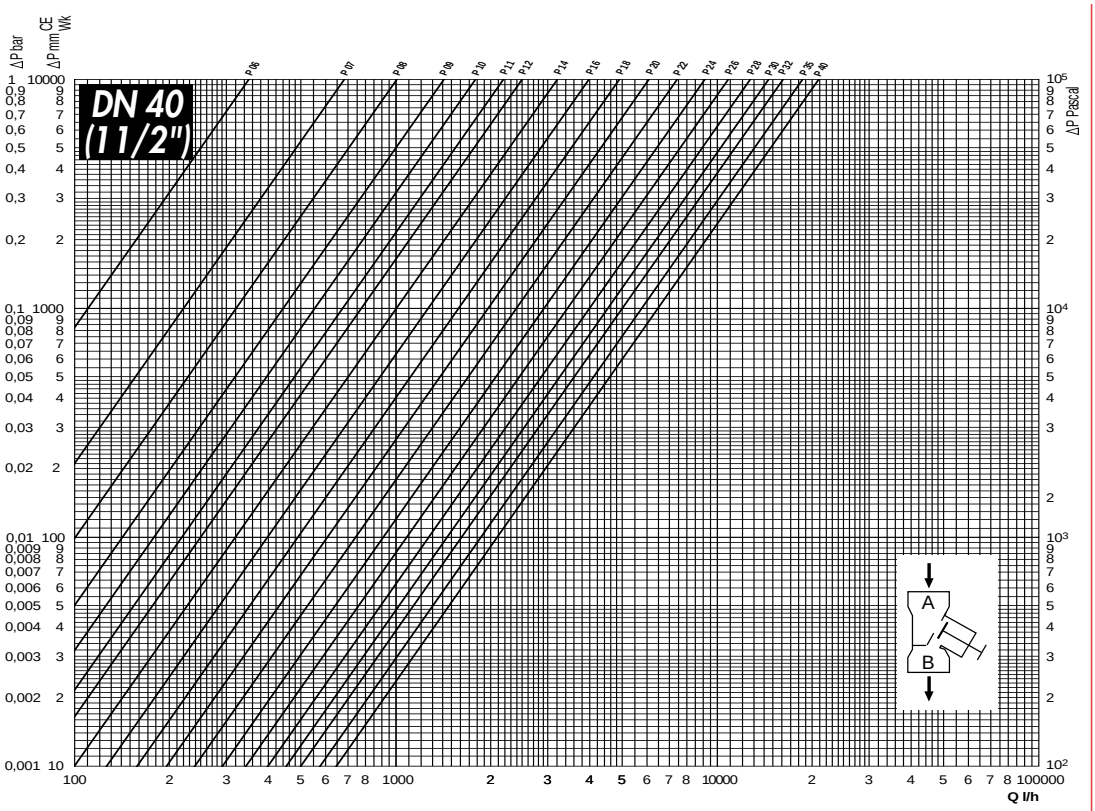

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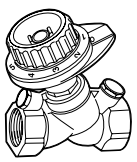

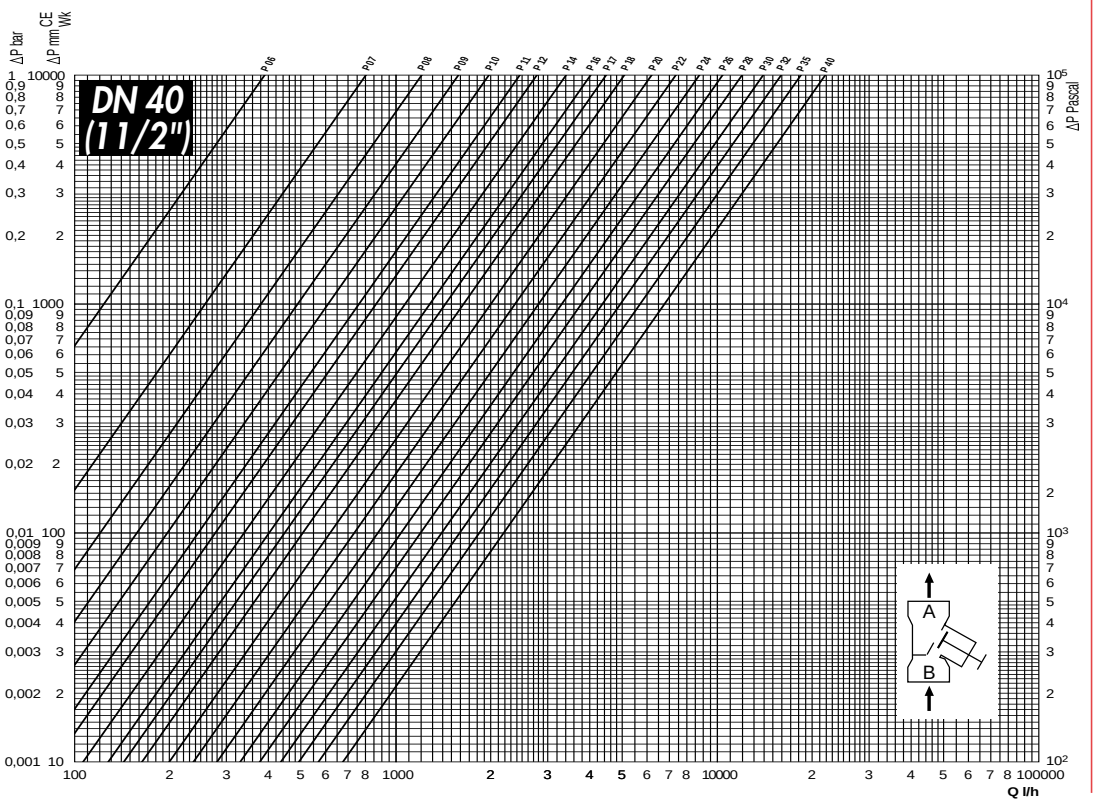

Балансировочные клапана, бронзовые DZR

750

751

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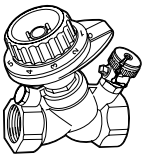

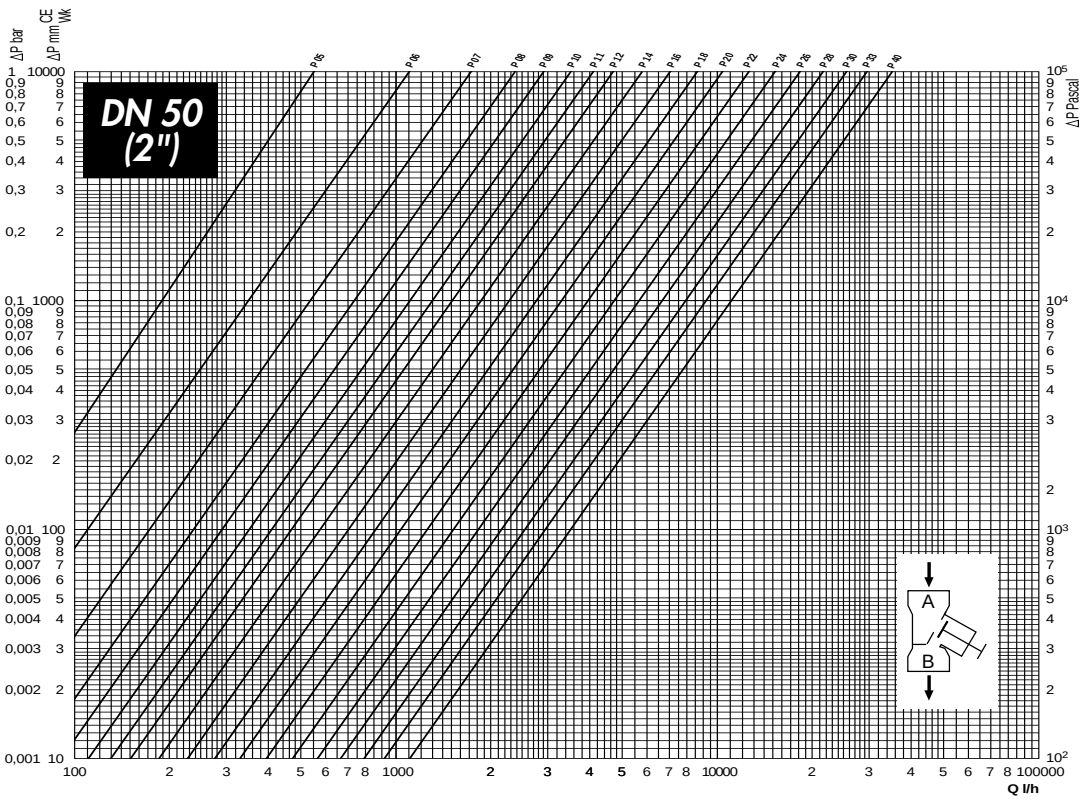

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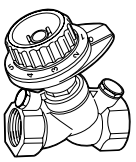
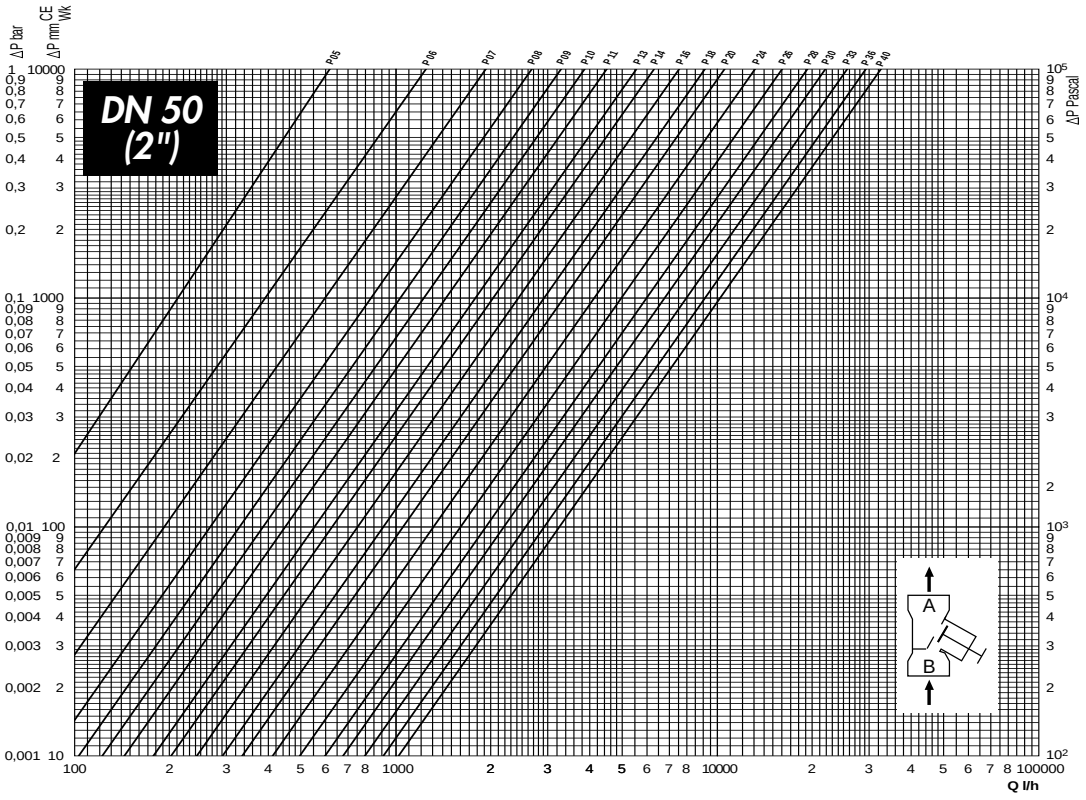




Балансировочные клапана, бронзовые DZR

Kv

A → B

POS / DN	10 - (3/8“)	15R - (1/2“)	15 - (1/2“)	20R - (3/4“)	20 - (3/4“)	25R - (1“)	25 - (1“)	32 - (1 1/4“)	40 (1 1/2“)	50 - (2“)
05			0,1		0,13	0,1	0,17	0,2	0,23	0,55
06			**0,16**		**0,21**	**0,13**	**0,3**	**0,4**	**0,35**	**1,11**
07			0,22		0,29	0,185	0,44	0,65	0,68	1,72
08			**0,28**		**0,39**	**0,26**	**0,59**	**0,88**	**1,04**	**2,37**
09			0,36		0,46	0,315	0,73	1,13	1,42	2,9
10	**0,12**	**0,115**	**0,41**	**0,115**	**0,57**	**0,395**	**0,91**	**1,33**	**1,78**	**3,5**
11	0,14	0,130	0,48	0,130	0,64	0,470	1,04	1,55	2,17	4,08
12	**0,16**	**0,140**	**0,54**	**0,145**	**0,73**	**0,535**	**1,19**	**1,8**	**2,5**	**4,66**
13	0,18	0,165	0,6	0,165	0,82	0,610	1,33	2,07	2,83	5,24
14	**0,205**	**0,185**	**0,67**	**0,185**	**0,9**	**0,675**	**1,5**	**2,29**	**3,2**	**5,79**
15	0,225	0,205	0,73	0,210	0,97	0,750	1,64	2,53	3,56	6,32
16	**0,25**	**0,225**	**0,8**	**0,230**	**1,05**	**0,8**	**1,78**	**2,82**	**3,99**	**7**
17	0,265	0,250	0,87	0,255	1,13	0,875	1,95	3,14	4,4	7,8
18	**0,295**	**0,285**	**0,95**	**0,290**	**1,24**	**0,950**	**2,11**	**3,37**	**4,9**	**8,6**
19	0,345	0,325	1,08	0,320	1,32	1,050	2,28	3,71	5,48	9,46
20	**0,390**	**0,375**	**1,21**	**0,365**	**1,43**	**1,175**	**2,49**	**4,05**	**6,1**	**10,37**
21	0,460	0,430	1,35	0,430	1,58	1,37	2,76	4,42	6,75	11,32
22	**0,540**	**0,515**	**1,54**	**0,515**	**1,73**	**1,595**	**3,04**	**4,74**	**7,45**	**12,43**
23	0,630	0,620	1,75	0,620	1,92	1,84	3,36	5,07	8,25	13,71
24	**0,740**	**0,730**	**1,99**	**0,720**	**2,16**	**2,18**	**3,69**	**5,52**	**9,08**	**15,1**
25	0,840	0,840	2,28	0,815	2,43	2,425	4,05	6,03	10,04	16,54
26	**0,940**	**0,925**	**2,61**	**0,910**	**2,83**	**2,725**	**4,45**	**6,63**	**10,96**	**18,15**
27	1,040	1,015	2,91	1,015	3,17	3,010	4,84	7,29	11,87	19,13
28	**1,155**	**1,095**	**3,18**	**1,095**	**3,49**	**3,34**	**5,38**	**7,99**	**12,79**	**21,44**
29	1,235	1,175	3,42	1,185	3,89	3,64	5,92	8,67	13,47	23,4
30	**1,310**	**1,280**	**3,63**	**1,265**	**4,18**	**3,99**	**6,36**	**9,61**	**14,48**	**25,52**
31	1,440	1,375	3,79	1,365	4,4	4,230	6,77	10,39	15,45	27,29
32	**1,50**	**1,470**	**3,9**	**1,465**	**4,65**	**4,490**	**7,04**	**10,94**	**16,32**	**28,57**
33	1,580	1,565	4,02	1,525	4,88	4,65	7,26	11,51	17,12	29,87
34	**1,645**	**1,620**	**4,16**	**1,6**	**5,09**	**4,7**	**7,54**	**11,89**	**17,84**	**30,64**
35	1,710	1,675	4,28	1,64	5,26	4,775	7,68	12,33	18,45	31,53
36	**1,755**	**1,740**	**4,35**	**1,69**	**5,44**	**4,895**	**7,87**	**12,97**	**19,13**	**32,19**
37	1,80	1,770	4,37	1,74	5,58	4,935	8,02	13,44	19,76	33,3
38	**1,85**	**1,830**	**4,41**	**1,8**	**5,7**	**5,030**	**8,22**	**13,99**	**20,2**	**34,22**
39	1,915	1,870	4,45	1,83	5,83	5,140	8,38	14,40	20,66	34,83
40	**1,95**	**1,900**	**4,47**	**1,89**	**5,9**	**5,190**	**8,52**	**14,88**	**21,09**	**35,48**

ZETA

A → B

POS / DN	10 - (3/8“)	15R - (1/2“)	15 - (1/2“)	20R - (3/4“)	20 - (3/4“)	25R - (1“)	25 - (1“)	32 - (1 1/4“)	40 (1 1/2“)	50 - (2“)
5			10279		20517	85855	29707	61995	87450	41363
6			**4015**		**8124**	**50802**	**9539**	**15884**	**39768**	**9991**
7			2123		4060	25085	4435	6205	10479	4198
8			**1311**		**2303**	**12700**	**2509**	**3372**	**4453**	**2202**
9			793		1607	8653	1624	2055	2375	1472
10	**2659**	**7773**	**611**	**25817**	**1051**	**5503**	**1028**	**1464**	**1511**	**1012**
11	1954	6082	446	20203	836	3887	798	1086	1017	743
12	**1496**	**5245**	**356**	**16239**	**634**	**3000**	**607**	**802**	**766**	**570**
13	1182	3776	286	12541	509	2307	485	606	598	451
14	**911**	**3003**	**229**	**9976**	**426**	**1884**	**381**	**497**	**468**	**370**
15	756	2446	191	7742	363	1526	318	406	378	309
16	**613**	**2031**	**161**	**6454**	**310**	**1341**	**270**	**328**	**301**	**252**
17	545	1645	137	5251	266	1121	227	264	247	204
18	**440**	**1266**	**114**	**4060**	**223**	**951**	**194**	**229**	**199**	**167**
19	322	973	89	3334	195	779	166	190	159	138
20	**252**	**731**	**70**	**2563**	**168**	**622**	**138**	**159**	**129**	**115**
21	181	556	56	1847	137	457	113	133	105	97
22	**131**	**388**	**43**	**1287**	**114**	**337**	**93**	**116**	**86**	**80**
23	96	267	34	888	93	254	76	102	70	66
24	**70**	**193**	**26**	**659**	**73**	**181**	**63**	**86**	**58**	**54**
25	54	146	20	514	58	146	52	72	48	45
26	**43**	**120**	**15**	**412**	**43**	**116**	**43**	**59**	**40**	**38**
27	35	100	12	331	34	95	37	49	34	34
28	**29**	**86**	**10**	**285**	**28**	**77**	**30**	**41**	**29**	**27**
29	25	74	9	243	23	65	24	35	26	23
30	**22**	**63**	**8**	**213**	**20**	**54**	**21**	**28**	**23**	**19**
31	18	54	7	183	18	48	19	24	20	17
32	**17**	**48**	**7**	**159**	**16**	**43**	**17**	**22**	**18**	**15**
33	15	42	6	147	14	40	16	20	16	14
34	**14**	**39**	**6**	**133**	**13**	**39**	**15**	**18**	**15**	**13**
35	13	37	6	127	12	38	15	17	14	13
36	**12**	**34**	**5**	**120**	**12**	**36**	**14**	**15**	**13**	**12**
37	12	33	5	113	11	35	13	14	12	11
38	**11**	**31**	**5**	**105**	**11**	**34**	**13**	**13**	**12**	**11**
39	10	29	5	102	10	32	12	13	11	10
40	**10**	**28**	**5**	**96**	**10**	**32**	**12**	**12**	**11**	**10**

Балансировочные клапана, бронзовые DZR

Kv

B → A

POS / DN	10 - (3/8“)	15R - (1/2“)	15 - (1/2“)	20R - (3/4“)	20 - (3/4“)	25R - (1“)	25 - (1“)	32 - (1 1/4“)	40 (1 1/2“)	50 - (2“)
05			0,12		0,14	0,105	0,21	0,25	0,28	0,62
06			**0,19**		**0,22**	**0,155**	**0,32**	**0,47**	**0,39**	**1,23**
07			0,25		0,32	0,215	0,49	0,76	0,8	1,92
08			**0,33**		**0,43**	**0,29**	**0,67**	**1,06**	**1,21**	**2,68**
09			0,4		0,53	0,36	0,88	1,37	1,57	3,29
10	**0,135**	**0,15**	**0,47**	**0,15**	**0,63**	**0,435**	**1,03**	**1,57**	**1,96**	**3,85**
11	0,160	0,17	0,55	0,175	0,7	0,525	1,19	1,8	2,45	4,47
12	**0,190**	**0,19**	**0,61**	**0,195**	**0,78**	**0,605**	**1,33**	**1,96**	**2,75**	**5,04**
13	0,210	0,21	0,69	0,215	0,86	0,675	1,51	2,2	3,06	5,51
14	**0,225**	**0,235**	**0,74**	**0,235**	**0,95**	**0,755**	**1,65**	**2,5**	**3,41**	**6,32**
15	0,245	0,25	0,8	0,25	1,04	0,825	1,8	2,66	3,74	6,94
16	**0,260**	**0,285**	**0,87**	**0,28**	**1,11**	**0,875**	**1,95**	**2,96**	**4,02**	**7,56**
17	0,275	0,31	0,93	0,295	1,19	0,95	2,09	3,29	4,49	8,27
18	**0,3**	**0,33**	**0,99**	**0,315**	**1,26**	**1,005**	**2,25**	**3,64**	**5,14**	**9,08**
19	0,32	0,365	1,12	0,33	1,33	1,075	2,43	3,98	5,83	9,82
20	**0,35**	**0,415**	**1,24**	**0,365**	**1,44**	**1,125**	**2,65**	**4,27**	**6,2**	**10,59**
21	0,395	0,475	1,36	0,405	1,55	1,240	2,9	4,67	6,83	11,38
22	**0,470**	**0,525**	**1,51**	**0,46**	**1,72**	**1,445**	**3,1**	**5**	**7,37**	**10,88**
23	0,560	0,610	1,65	0,545	1,92	1,69	3,22	5,19	8,03	11,99
24	**0,670**	**0,715**	**1,92**	**0,635**	**2,17**	**1,975**	**3,55**	**5,34**	**8,71**	**13,19**
25	0,775	0,82	2,22	0,725	2,41	2,275	3,93	5,69	9,58	14,61
26	**0,865**	**0,905**	**2,38**	**0,825**	**2,73**	**2,505**	**4,3**	**6,48**	**10,4**	**16,10**
27	0,980	1,010	2,68	0,925	3,06	2,78	4,72	7,24	11,32	17,61
28	**1,105**	**1,105**	**3,02**	**1,025**	**3,39**	**3,07**	**5,15**	**8**	**11,95**	**19,1**
29	1,21	1,185	3,24	1,12	3,75	3,4	5,58	8,84	12,92	20,46
30	**1,32**	**1,305**	**3,42**	**1,215**	**4,14**	**3,67**	**6,05**	**9,47**	**13,88**	**21,84**
31	1,435	1,395	3,53	1,31	4,45	3,985	6,48	10,28	14,99	23,15
32	**1,56**	**1,510**	**3,61**	**1,405**	**4,67**	**4,19**	**6,86**	**11,02**	**15,99**	**24,44**
33	1,645	1,630	3,7	1,515	4,83	4,38	7,18	11,86	16,82	25,68
34	**1,730**	**1,760**	**3,75**	**1,610**	**5**	**4,53**	**7,46**	**12,52**	**17,68**	**26,94**
35	1,820	1,815	3,81	1,725	5,14	4,805	7,72	13,19	18,48	28,08
36	**1,9**	**1,915**	**3,88**	**1,82**	**5,33**	**5,015**	**8**	**14**	**19,15**	**29,22**
37	1,965	1,93	3,94	1,865	5,51	5,155	8,22	14,7	19,83	30,14
38	**2,05**	**1,965**	**4**	**1,935**	**5,64**	**5,295**	**8,43**	**15,24**	**20,54**	**31,07**
39	2,11	1,995	4,06	2	5,82	5,425	8,63	15,72	21,16	31,97
40	**2,15**	**2,040**	**4,13**	**2,085**	**5,95**	**5,5**	**8,84**	**16,11**	**21,66**	**32,48**

ZETA

B → A

POS / DN	10 - (3/8“)	15R - (1/2“)	15 - (1/2“)	20R - (3/4“)	20 - (3/4“)	25R - (1“)	25 - (1“)	32 - (1 1/4“)	40 (1 1/2“)	50 - (2“)
05			7138		17671	77873	19468	43052	60643	32196
06			**2847**		**7386**	**35736**	**8384**	**11596**	**31162**	**8221**
07			1644		3355	18573	3576	4534	7482	3371
08			**944**		**1821**	**10209**	**1913**	**2323**	**3271**	**1730**
09			642		1239	6625	1106	1390	1943	1145
10	**2101**	**4569**	**465**	**15175**	**860**	**4537**	**814**	**1064**	**1246**	**835**
11	1496	3557	340	11149	707	3115	607	808	798	619
12	**1061**	**2847**	**276**	**8979**	**560**	**2346**	**485**	**678**	**633**	**488**
13	868	2331	216	7386	465	1884	376	536	511	408
14	**756**	**1861**	**188**	**6183**	**377**	**1506**	**315**	**418**	**412**	**309**
15	638	1645	161	5463	318	1261	264	369	342	257
16	**566**	**1266**	**136**	**4355**	**276**	**1121**	**227**	**298**	**296**	**217**
17	506	1070	119	3923	242	951	197	241	238	181
18	**425**	**944**	**105**	**3441**	**215**	**850**	**170**	**197**	**181**	**150**
19	374	772	82	3135	193	743	146	164	141	128
20	**313**	**597**	**67**	**2563**	**166**	**678**	**123**	**143**	**125**	**110**
21	245	456	56	2082	142	558	102	119	103	95
22	**173**	**373**	**45**	**1614**	**116**	**411**	**89**	**104**	**88**	**105**
23	122	276	38	1150	93	301	83	97	74	86
24	**85**	**201**	**28**	**847**	**72**	**220**	**68**	**91**	**63**	**71**
25	64	153	21	650	59	166	56	80	52	58
26	**51**	**126**	**18**	**502**	**46**	**137**	**46**	**62**	**44**	**48**
27	40	101	14	399	37	111	39	50	37	40
28	**31**	**84**	**11**	**325**	**30**	**91**	**32**	**41**	**34**	**34**
29	26	73	10	272	24	74	28	33	29	30
30	**22**	**60**	**9**	**231**	**20**	**64**	**23**	**29**	**25**	**26**
31	19	53	8	199	17	54	20	25	21	23
32	**16**	**45**	**8**	**173**	**16**	**49**	**18**	**21**	**19**	**21**
33	14	39	8	149	15	45	17	19	17	19
34	**13**	**33**	**7**	**132**	**14**	**42**	**15**	**17**	**15**	**17**
35	12	31	7	115	13	37	14	15	14	16
36	**11**	**28**	**7**	**103**	**12**	**34**	**13**	**13**	**13**	**15**
37	10	28	7	98	11	32	13	12	12	14
38	**9**	**27**	**6**	**91**	**11**	**31**	**12**	**11**	**11**	**13**
39	9	26	6	85	10	29	12	11	11	12
40	**8**	**25**	**6**	**79**	**10**	**28**	**11**	**10**	**10**	**12**

KV = f (POS)

$$\frac{KV}{10} = a\left(\frac{POS}{100}\right)^6 + b\left(\frac{POS}{100}\right)^5 + c\left(\frac{POS}{100}\right)^4 + d\left(\frac{POS}{100}\right)^3 + e\left(\frac{POS}{100}\right)^2 + f\left(\frac{POS}{100}\right) + g$$

Ref. 750, 751, 752, 753

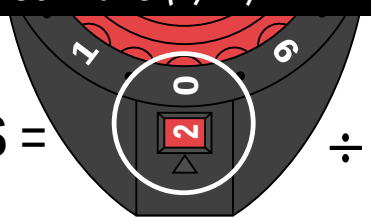
A → B

Ref.	a	b	c	d	e	f	g
750 DN 10 (3/8")	0	735,09	-950,02	456,38	-99,287	10,104	-0,37544
750 DN 15 (1/2")	9505	-12035,9	5734,5	-1288,5	144,59	-7,093	0,13257
750 DN 15R (1/2")	0	522,9	-686,41	331,13	-71,004	7,078	-0,25453
750 DN 20 (3/4")	11717,24906	-15645,99472	7962,12398	-1938,40488	237,25161	-12,96649	0,26923
750 DN 20R (3/4")	85,19594	544,38891	-789,58669	390,58409	-85,40707	8,6644	-0,31906
750 DN 25 (1")	15799,4107	-20905,9142	10560,9535	-2564,0382	315,3046	-17,1108	0,3506
750 DN 25R (1")	13160,20409	-17048,8957	8398,95946	-1979,97337	236,23736	-12,8985	0,26634
750 DN 32 (1" 1/4)	15986,5903	-22045,7515	11634,3086	-2951,3652	380,0543	-21,1124	0,4385
750 DN 40 (1" 1/2)	12241,9475	-15910,5619	7670,9523	-1713,7994	194,5505	-7,506	0,0748
750 DN 50 (2")	44895,1453	-59741,462	30166,2535	-7264,5978	884,5544	-45,8264	0,8913

B → A

Ref.	a	b	c	d	e	f	g
750 DN 10 (3/8")	0	665,66	-914,25	467,41	-108,2	11,635	-0,45237
750 DN 15 (1/2")	11647,9	-14799	7149,7	-1651,7	191,93	-9,9402	0,19723
750 DN 15R (1/2")	0	144,97	-266,67	159,05	-38,728	4,3133	-0,16342
750 DN 20 (3/4")	13720,5165	-18277,75721	9314,43309	-2278,80476	280,00551	-15,41176	0,32139
750 DN 20R (3/4")	644,09	-534,83	-25,518	137,79	-44,494	5,5722	-0,22876
750 DN 25 (1")	11639,9276	-15986,7209	8381,1298	-2105,0572	265,5967	-14,2726	0,2897
750 DN 25R (1")	9704,76258	-12924,8184	6546,85171	-1580,70841	191,51653	-10,3287	0,20997
750 DN 32 (1" 1/4)	2714,3461	-5530,0418	3686,3903	-1064,5273	146,7672	-6,8148	0,1158
750 DN 40 (1" 1/2)	7468,9465	-10646,9713	5596,4072	-1353,9843	164,9218	-6,1441	0,0528
750 DN 50 (2")	27828,9956	-39204,9859	21009,0322	-5368,2746	686,7419	-35,2273	0,6764

750 DN 15 (1/2") - A → B



$$POS = \div 100$$

$$= 0{,}2$$

$$KV/_{10} = kv = 9505 \times \left(\frac{20}{100}\right)^6 + (-12035{,}9) \times \left(\frac{20}{100}\right)^5 + 5734{,}5\left(\frac{20}{100}\right)^4$$

$$+ (-1288{,}5) \times \left(\frac{20}{100}\right)^3 + 144{,}59 \times \left(\frac{20}{100}\right)^2 + (-7{,}093) \times \left(\frac{20}{100}\right) + 0{,}13257 = 0{,}121$$

(KV = kv x 10)

KV = 1,21

750 DN 15 (1/2") - A → B

KV = 1,21

kv = (1,21 : 10) = 0,121

$$POS_{/100} = pos = 1344{,}99 \times (0{,}121)^6 + (-1785{,}016) \times (0{,}121)^5 + 896{,}4754 \times (0{,}121)^4 + (-201{,}41631) \times (0{,}121)^3 + 15{,}871321 \times (0{,}121)^2 + 1{,}1402068 \times 0{,}121 + 0{,}038045 = \mathbf{0{,}201}$$

(POS = pos x 100)

POS = 20

POS = f (KV)

$$\frac{pos}{100} = a\left(\frac{KV}{10}\right)^6 + b\left(\frac{KV}{10}\right)^5 + c\left(\frac{KV}{10}\right)^4 + d\left(\frac{KV}{10}\right)^3 + e\left(\frac{KV}{10}\right)^2 + f\left(\frac{KV}{10}\right) + g$$

Ref. 750, 751, 752, 753

A → B

Ref.	a	b	c	d	e	f	g
750 DN 10 (3/8")	0	10515,1	-6234,7	1445,193	-160,0003	9,29043	0,008
750 DN 15 (1/2")	1344,99	-1785,016	896,4754	-201,41631	15,871321	1,1402068	0,038045
750 DN 15R (1/2")	0	17740,7	-9701,66	2036,239	-201,9978	10,37434	0,00638
750 DN 20 (3/4")	202,22	-389,4	286,3934	-95,89918	12,388184	0,5865269	0,042544
750 DN 20R (3/4")	-143102	99475,4	-27493,11	3886,143	-296,2356	12,54851	-0,01139
750 DN 25 (1")	3,377118	-11,082344	14,793574	-8,74796	1,59622	0,587196	0,04061
750 DN 25R (1")	347,93	-513,636	279,4524	-61,14628	1,060716	1,7275695	0,034891
750 DN 32 (1" 1/4)	-0,059481	0,037701	0,423948	-0,677742	0,108007	0,432194	0,04179
750 DN 40 (1" 1/2)	0,038761	-0,246912	0,590402	-0,596959	0,121112	0,296739	0,046986
750 DN 50 (2")	0,000551	-0,007164	0,037399	-0,083011	0,036463	0,172476	0,039541

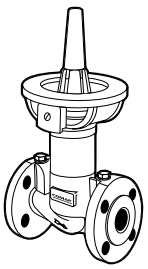
B → A

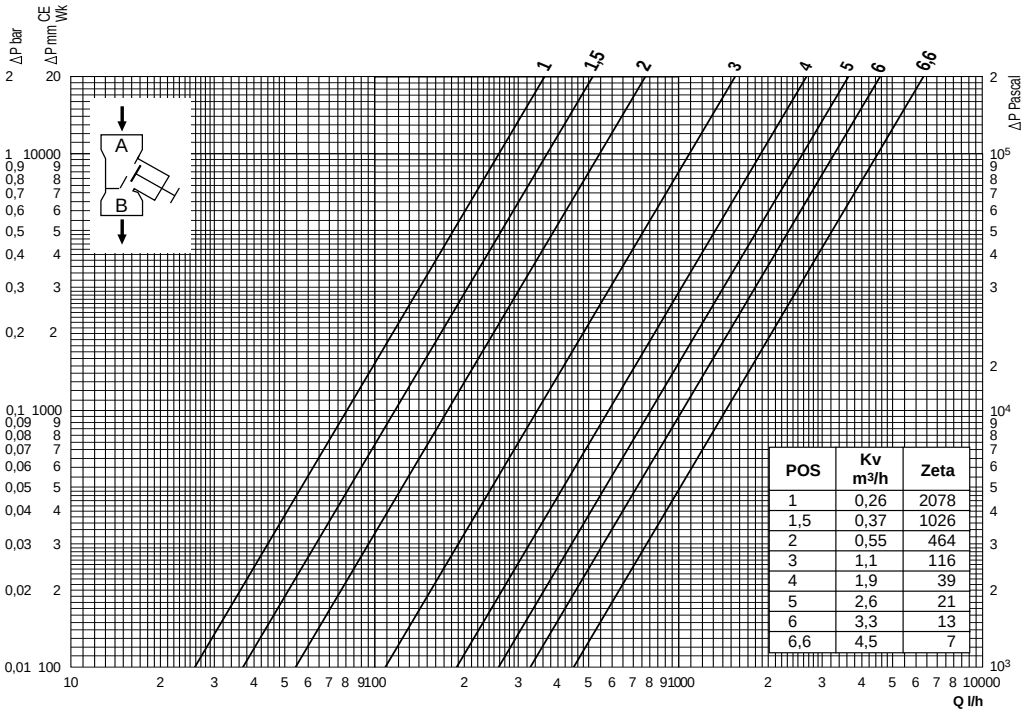
Ref.	a	b	c	d	e	f	g
750 DN 10 (3/8")	0	9194,4	-6010,5	1513,6	-180,93	11,007	-0,0268
750 DN 15 (1/2")	599,61	-866,128	510,4556	-139,16562	13,806733	0,9593089	0,03725
750 DN 15R (1/2")	0	14561,8	-8336,93	1836,544	-194,7929	10,97944	-0,0291
750 DN 20 (3/4")	164,29	-345,627	277,6144	-101,91031	15,072875	0,2971868	0,045301
750 DN 20R (3/4")	-43017,24	39087,017	-14015,5419	2549,9794	-248,085874	13,1941309	-0,05745
750 DN 25 (1")	2,575325	-10,732039	16,791518	-11,603711	3,064769	0,323563	0,045381
750 DN 25R (1")	408,46	-702,435	452,7251	-129,29587	13,121302	0,9453458	0,041806
750 DN 32 (1" 1/4)	0,18534	-1,051987	2,317325	-2,348268	0,883819	0,276957	0,043797
750 DN 40 (1" 1/2)	0,019876	-0,137983	0,368667	-0,430308	0,116353	0,273679	0,045638
750 DN 50 (2")	0,000291	-0,007362	0,053746	-0,15623	0,163438	0,098314	0,044975

Фланцевые чугунные балансировочные клапана

751 B

DN 15 - (1/2")

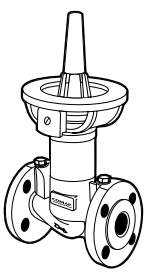


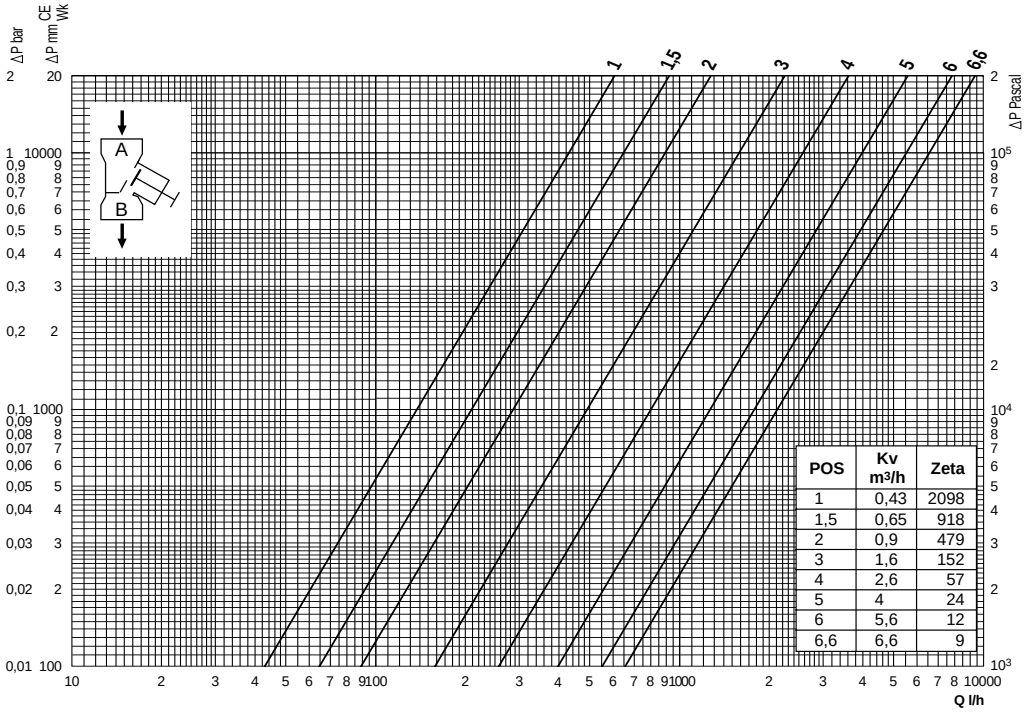


POS	Kv m³/h	Zeta
1	0,26	2078
1,5	0,37	1026
2	0,55	464
3	1,1	116
4	1,9	39
5	2,6	21
6	3,3	13
6,6	4,5	7

751 B

DN 20 - (3/4")

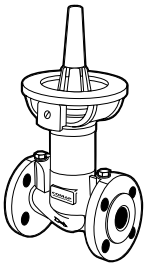


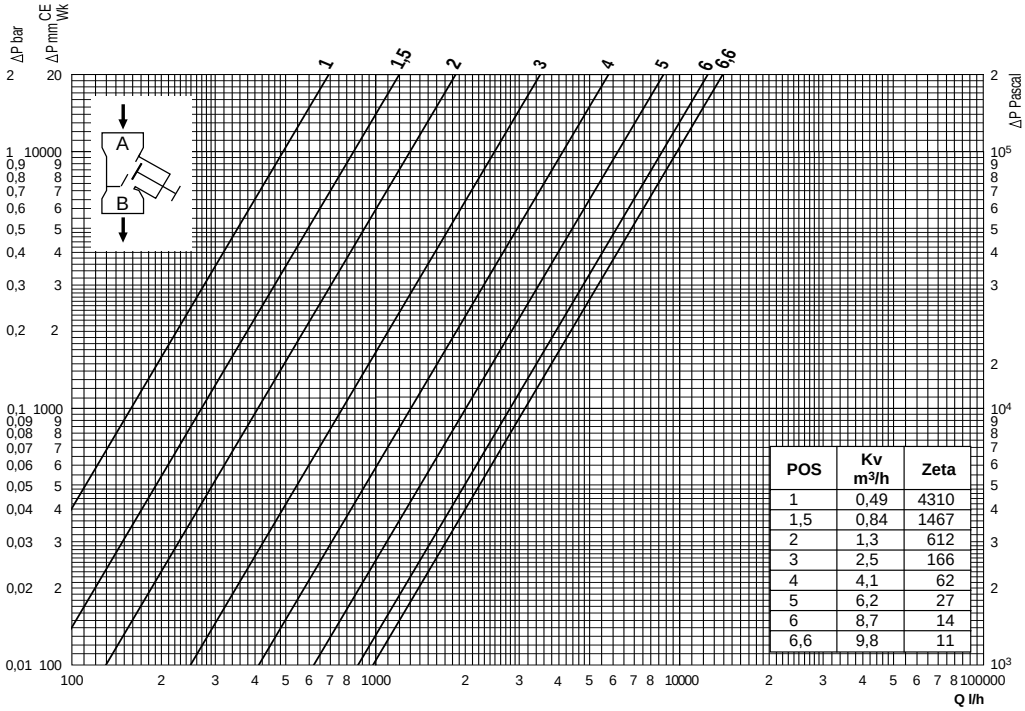


POS	Kv m³/h	Zeta
1	0,43	2098
1,5	0,65	918
2	0,9	479
3	1,6	152
4	2,6	57
5	4	24
6	5,6	12
6,6	6,6	9

751 B

DN 25 - (1")

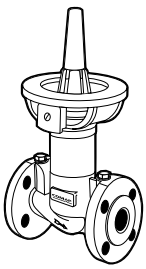


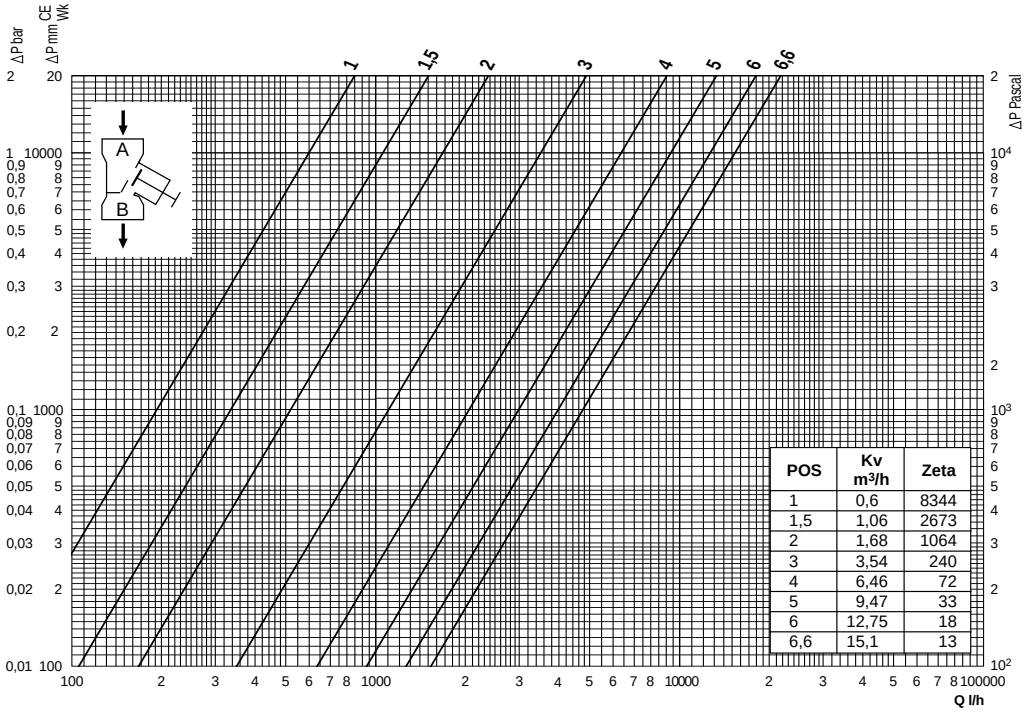


POS	Kv m³/h	Zeta
1	0,49	4310
1,5	0,84	1467
2	1,3	612
3	2,5	166
4	4,1	62
5	6,2	27
6	8,7	14
6,6	9,8	11

751 B

DN 32 - (1 1/4")



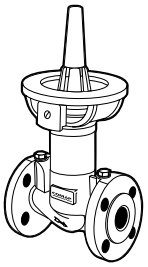


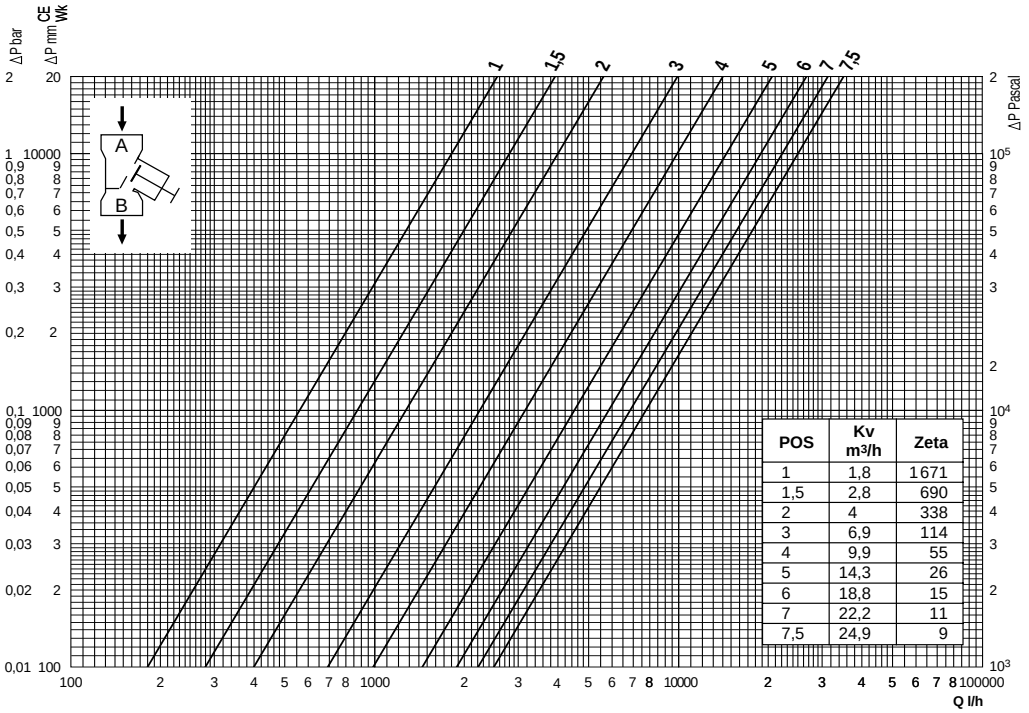
POS	Kv m³/h	Zeta
1	0,6	8344
1,5	1,06	2673
2	1,68	1064
3	3,54	240
4	6,46	72
5	9,47	33
6	12,75	18
6,6	15,1	13

Фланцевые чугунные балансировочные клапана

751 B

DN 40 - (1 1/2")

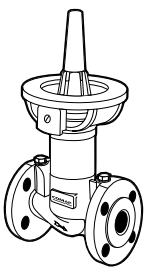


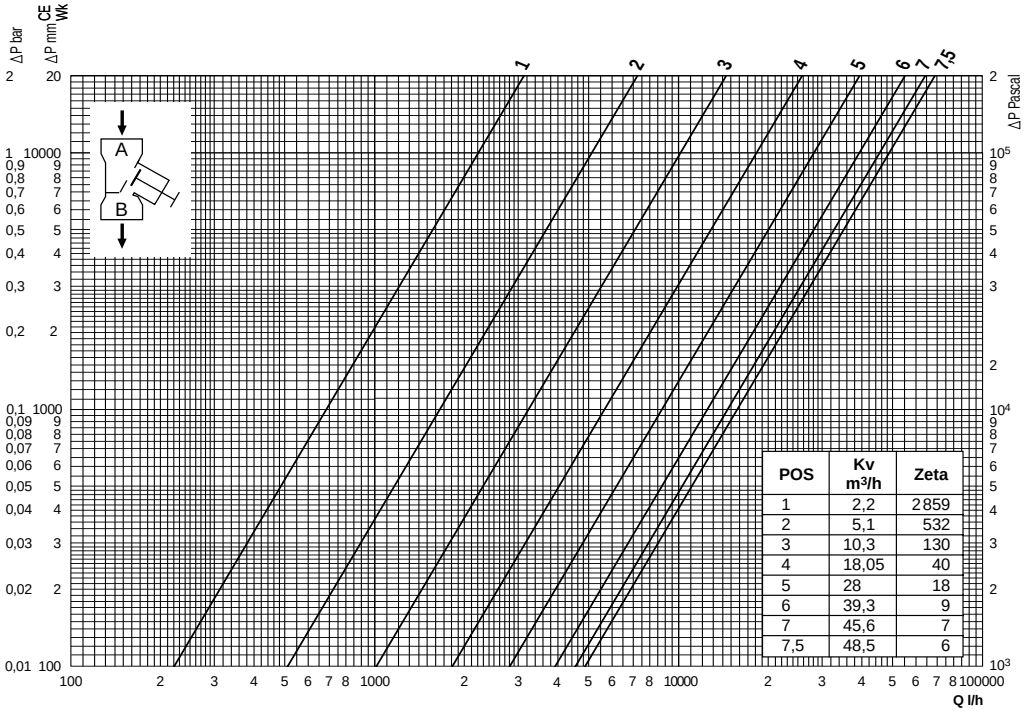


POS	Kv m³/h	Zeta
1	1,8	1671
1,5	2,8	690
2	4	338
3	6,9	114
4	9,9	55
5	14,3	26
6	18,8	15
7	22,2	11
7,5	24,9	9

751 B

DN 50 - (2")

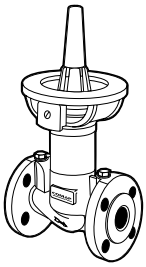


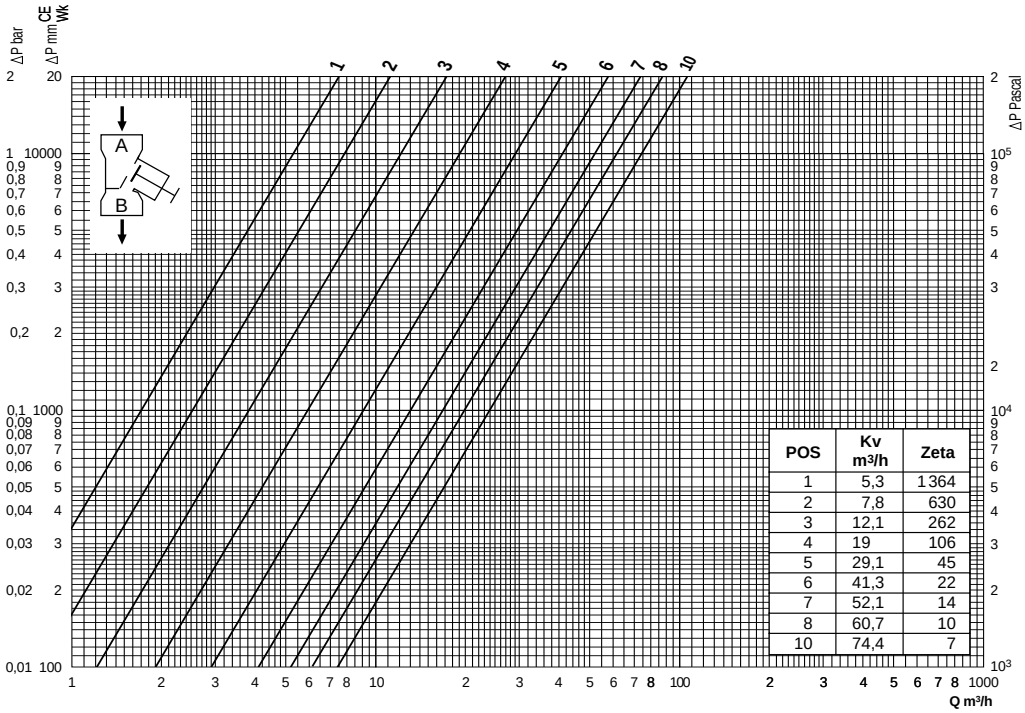


POS	Kv m³/h	Zeta
1	2,2	2859
2	5,1	532
3	10,3	130
4	18,05	40
5	28	18
6	39,3	9
7	45,6	7
7,5	48,5	6

751 B

DN 65 - (2 1/2")

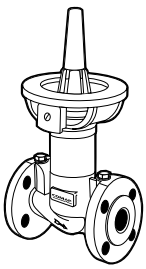


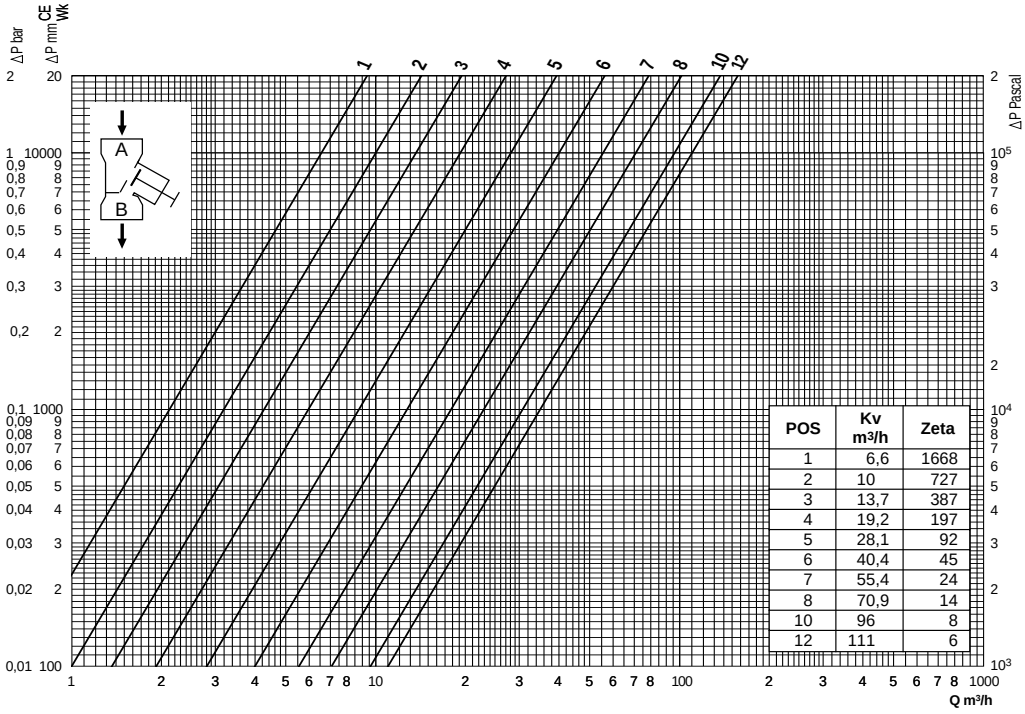


POS	Kv m³/h	Zeta
1	5,3	1364
2	7,8	630
3	12,1	262
4	19	106
5	29,1	45
6	41,3	22
7	52,1	14
8	60,7	10
10	74,4	7

751 B

DN 80 - (3")

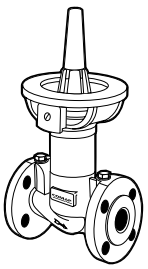


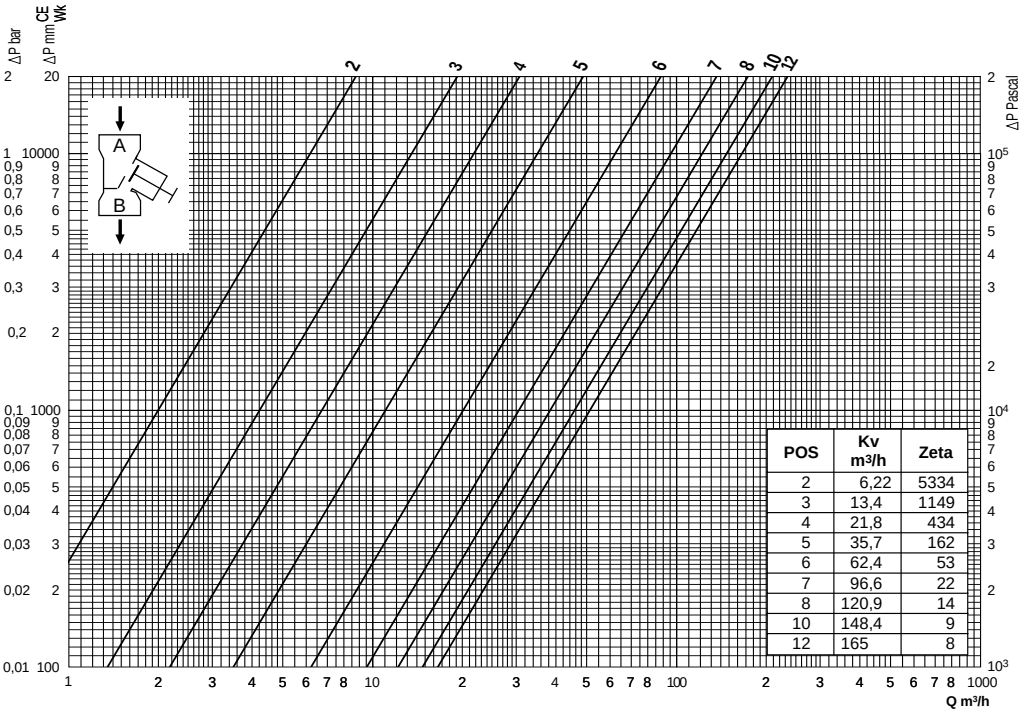


POS	Kv m³/h	Zeta
1	6,6	1668
2	10	727
3	13,7	387
4	19,2	197
5	28,1	92
6	40,4	45
7	55,4	24
8	70,9	14
10	96	8
12	111	6

751 B

DN 100 - (4")

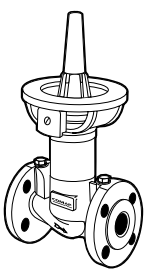


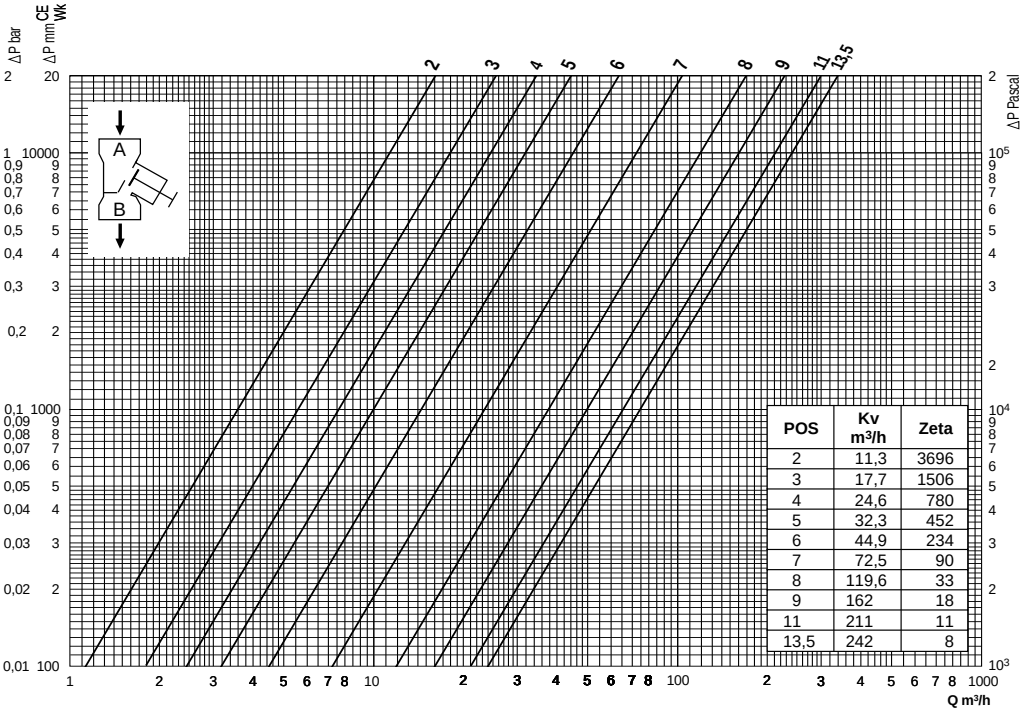


POS	Kv m³/h	Zeta
2	6,22	5334
3	13,4	1149
4	21,8	434
5	35,7	162
6	62,4	53
7	96,6	22
8	120,9	14
10	148,4	9
12	165	8

751 B

DN 125 - (5")

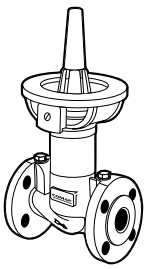


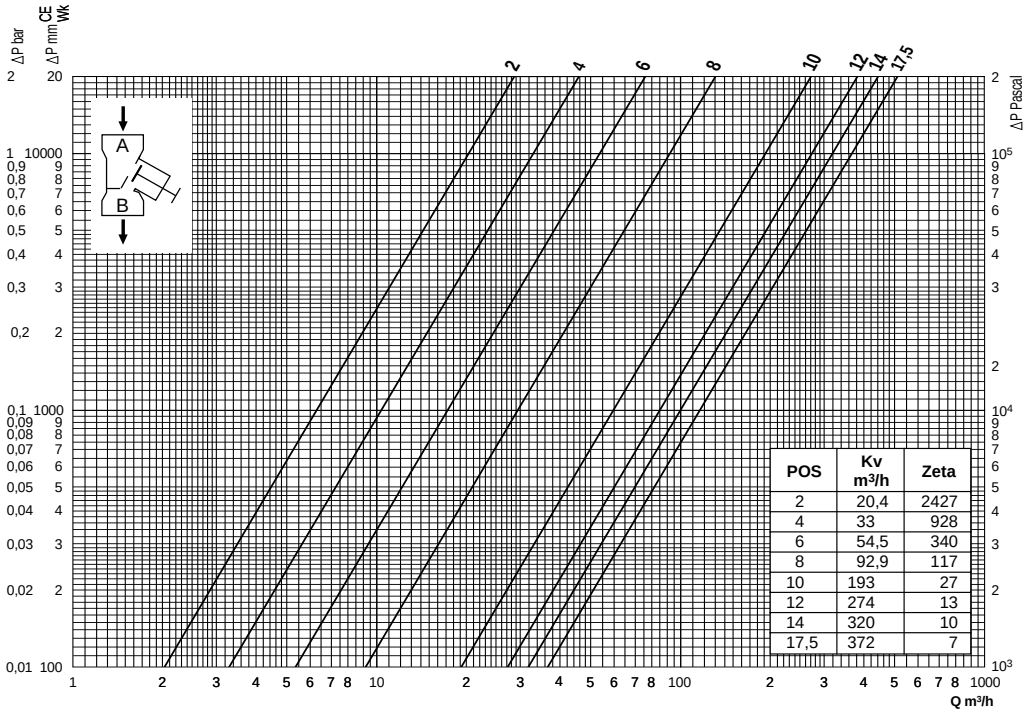


POS	Kv m³/h	Zeta
2	11,3	3696
3	17,7	1506
4	24,6	780
5	32,3	452
6	44,9	234
7	72,5	90
8	119,6	33
9	162	18
11	211	11
13,5	242	8

751 B

DN 150 - (6")

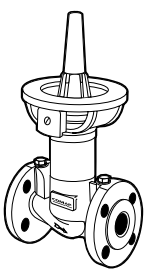


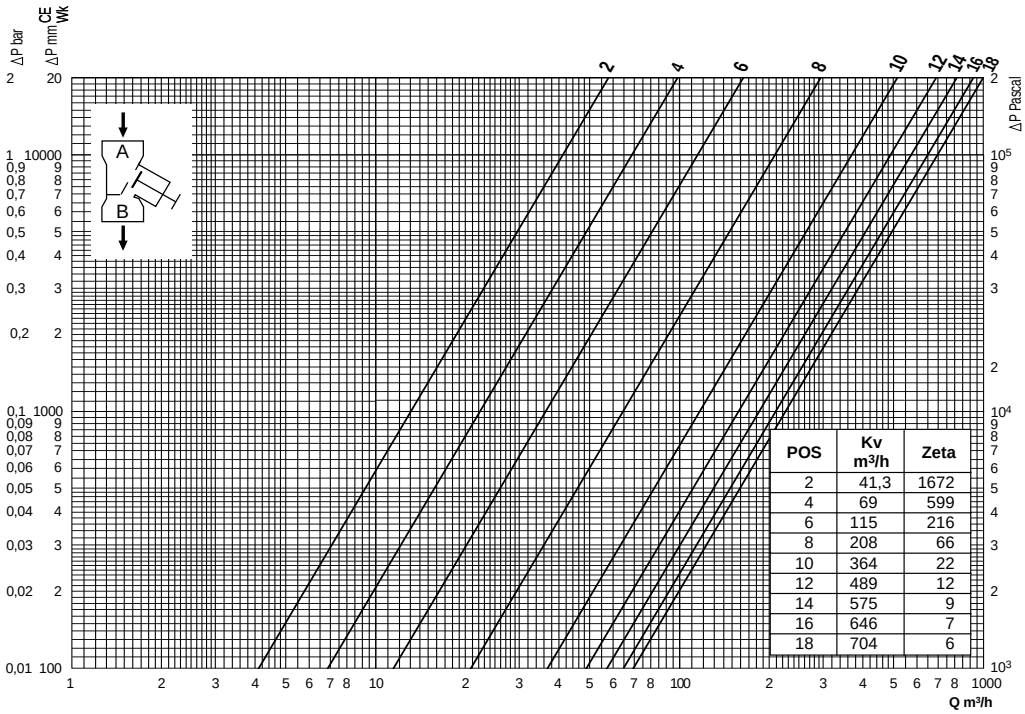


POS	Kv m³/h	Zeta
2	20,4	2427
4	33	928
6	54,5	340
8	92,9	117
10	193	27
12	274	13
14	320	10
17,5	372	7

751 B

DN 200 - (8")

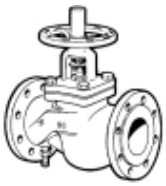


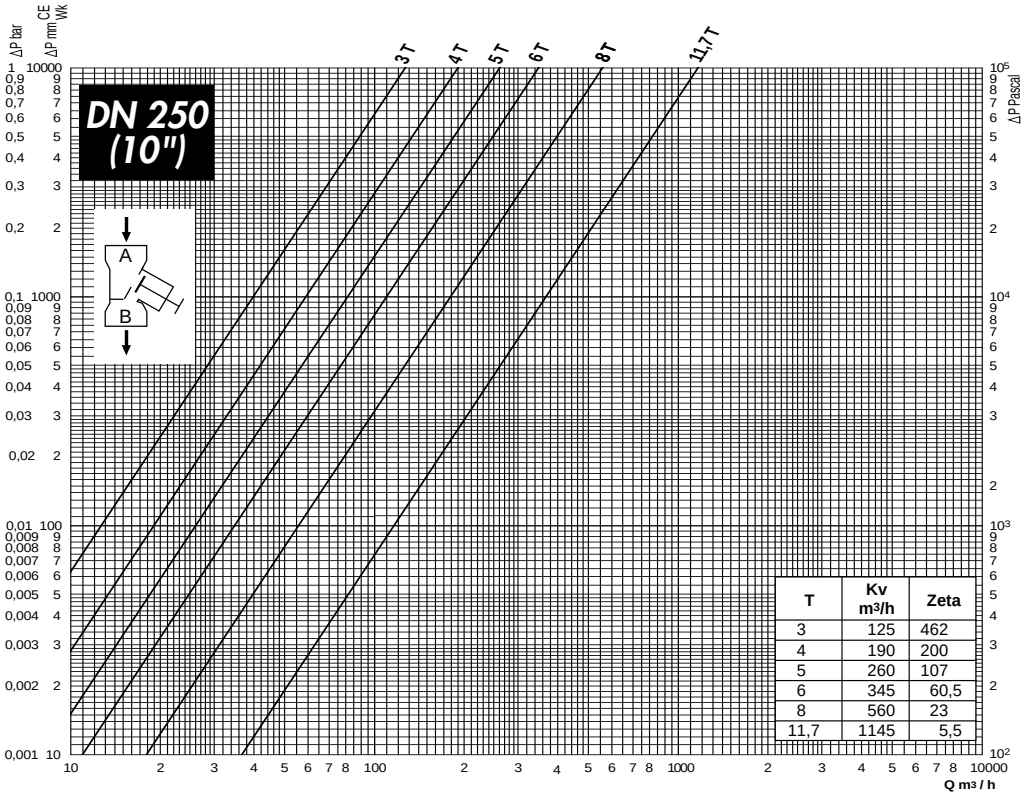


POS	Kv m³/h	Zeta
2	41,3	1672
4	69	599
6	115	216
8	208	66
10	364	22
12	489	12
14	575	9
16	646	7
18	704	6

Фланцевые чугунные балансировочные клапана

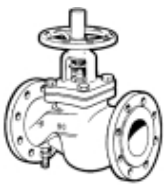
750 B

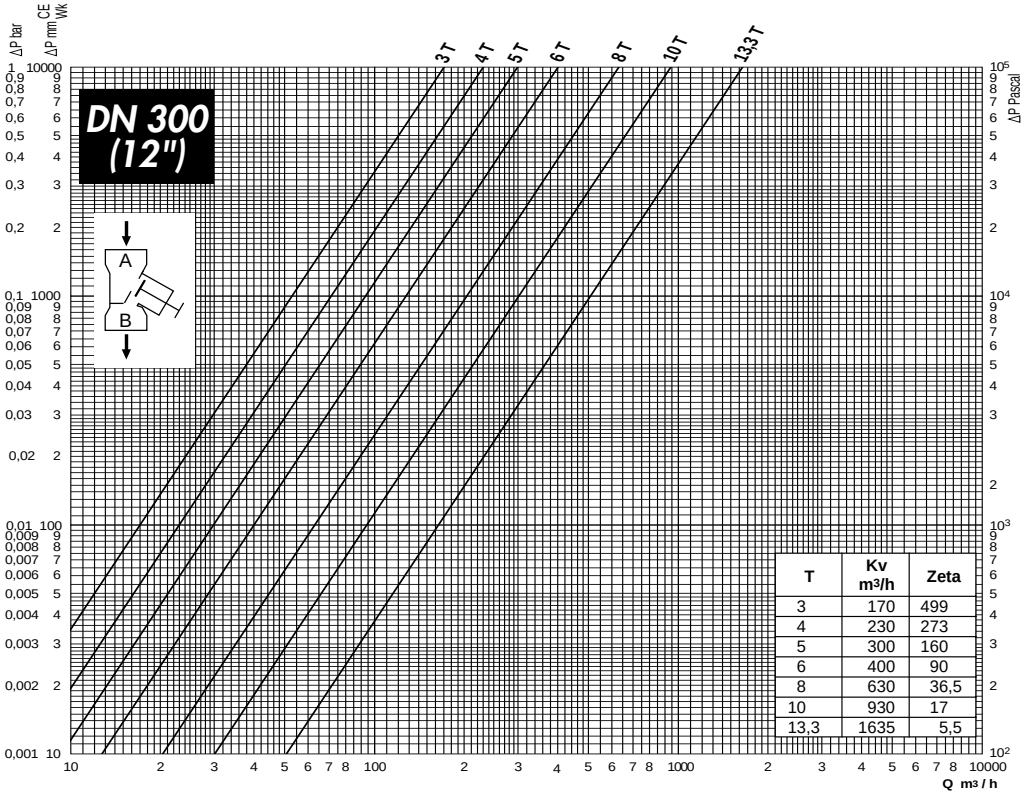




T	Kv m³/h	Zeta
3	125	462
4	190	200
5	260	107
6	345	60,5
8	560	23
11,7	1145	5,5

750 B

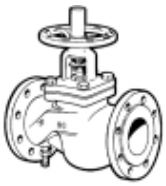


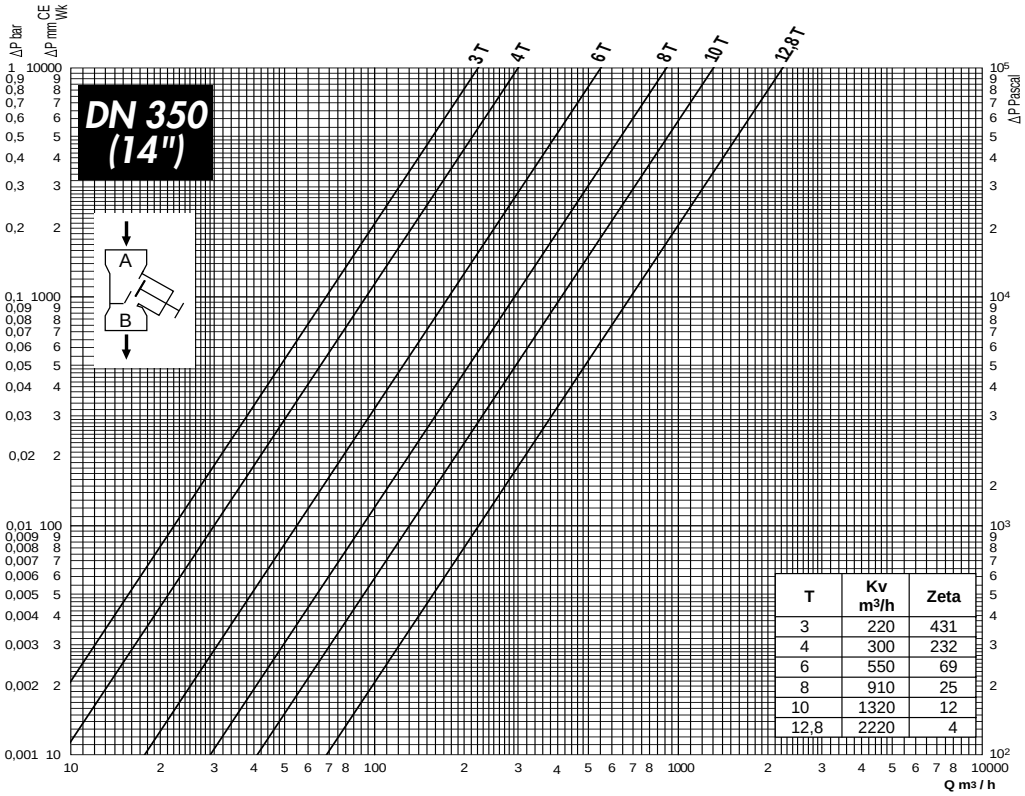


T	Kv m³/h	Zeta
3	170	499
4	230	273
5	300	160
6	400	90
8	630	36,5
10	930	17
13,3	1635	5,5

Фланцевые чугунные балансировочные клапана

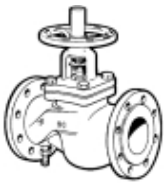
750 B

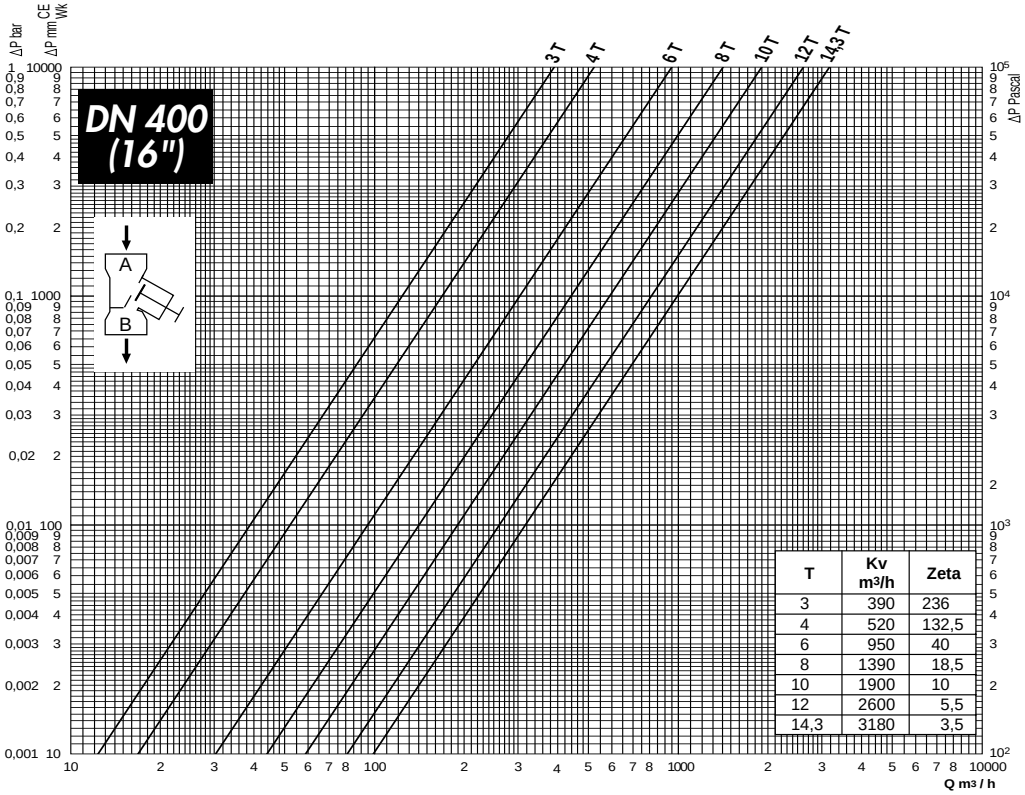




T	Kv m³/h	Zeta
3	220	431
4	300	232
6	550	69
8	910	25
10	1320	12
12,8	2220	4

750 B





T	Kv m³/h	Zeta
3	390	236
4	520	132,5
6	950	40
8	1390	18,5
10	1900	10
12	2600	5,5
14,3	3180	3,5

Фланцевые чугунные балансировочные клапана

COMAP 751B : Kv, f (DN, POS)

POS \ DN	15	20	25	32	40	50	65	80
0,5	**0,13**	**0,22**	**0,22**	**0,28**	**0,88**	**1,07**	**2,98**	**3,65**
0,6	0,17	0,26	0,27	0,33	1,06	1,29	3,52	4,30
0,7	0,19	0,30	0,32	0,39	1,25	1,51	4,02	4,94
0,8	0,22	0,34	0,43	0,53	1,43	1,74	4,49	5,54
0,9	0,24	0,39	0,43	0,53	1,61	1,97	4,92	6,10
1	**0,26**	**0,43**	**0,49**	**0,60**	**1,80**	**2,20**	**5,30**	**6,60**
1,1	0,28	0,47	0,55	0,68	1,99	2,44	5,63	7,06
1,2	0,30	0,52	0,62	0,77	2,18	2,68	5,92	7,47
1,3	0,32	0,56	0,69	0,86	2,38	2,93	6,18	7,85
1,4	0,34	0,61	0,76	0,96	2,59	3,18	6,42	8,21
1,5	**0,37**	**0,65**	**0,84**	**1,06**	**2,80**	**3,46**	**6,64**	**8,52**
1,6	0,40	0,70	0,92	1,17	3,02	3,75	6,86	8,83
1,7	0,43	0,74	1,01	1,29	3,25	4,06	7,07	9,13
1,8	0,47	0,79	1,10	1,41	3,49	4,38	7,29	9,41
1,9	0,51	0,85	1,20	1,54	3,74	4,73	7,53	9,70
2	**0,55**	**0,90**	**1,30**	**1,68**	**4,00**	**5,10**	**7,80**	**10,0**
2,1	0,59	0,96	1,40	1,82	4,27	5,50	8,09	10,3
2,2	0,64	1,02	1,51	1,98	4,55	5,92	8,42	10,6
2,3	0,69	1,08	1,62	2,14	4,83	6,38	8,79	11,0
2,4	0,74	1,15	1,74	2,31	5,12	6,86	9,18	11,3
2,5	**0,80**	**1,15**	**1,85**	**2,48**	**5,42**	**7,36**	**9,60**	**11,7**
2,6	0,85	1,29	1,98	2,67	5,72	7,89	10,0	12,1
2,7	0,91	1,36	2,10	2,87	6,02	8,46	10,5	12,4
2,8	0,97	1,44	2,23	3,08	6,32	9,04	11,0	12,8
2,9	1,00	1,52	2,36	3,30	6,61	9,66	11,6	13,3
3	**1,10**	**1,60**	**2,50**	**3,54**	**6,90**	**10,3**	**12,1**	**13,7**
3,1	1,17	1,69	2,64	3,79	7,19	11,0	12,7	14,2
3,2	1,25	1,77	2,79	4,05	7,47	11,7	13,3	14,6
3,3	1,32	1,86	2,94	4,33	7,75	12,4	13,9	15,1
3,4	1,40	1,96	3,09	4,62	8,03	13,1	14,5	15,6
3,5	**1,50**	**2,06**	**3,25**	**4,91**	**8,31**	**13,9**	**15,2**	**16,1**
3,6	1,57	2,16	3,42	5,22	8,61	14,7	15,9	16,7
3,7	1,65	2,26	3,58	5,53	8,91	15,5	16,6	17,3
3,8	1,74	2,37	3,75	5,84	9,22	16,3	17,4	17,9
3,9	1,82	2,48	3,92	6,15	9,55	17,1	18,2	15,5
4	**1,90**	**2,60**	**4,10**	**6,46**	**9,90**	**18,1**	**19,0**	**19,2**
4,1	1,98	2,72	4,28	6,77	10,3	18,9	19,9	19,9
4,2	2,06	2,85	4,47	7,07	10,7	19,8	20,8	20,7
4,3	2,13	2,98	4,67	7,37	11,1	20,8	21,7	21,5

POS \ DN	15	20	25	32	40	50	65	80
4,4	2,21	3,12	4,87	7,67	11,5	21,7	22,7	22,3
4,5	**2,30**	**3,26**	**5,07**	**7,97**	**11,9**	**22,7**	**23,6**	**23,2**
4,6	2,35	3,40	5,28	8,27	12,4	23,7	24,7	24,1
4,7	2,42	3,55	5,50	8,57	12,8	24,7	25,7	25,1
4,8	2,48	3,70	5,73	8,87	13,3	25,8	26,8	26,0
4,9	2,54	3,85	5,96	9,15	13,8	26,9	28,0	27,1
5	**2,60**	**4,00**	**6,20**	**9,47**	**14,3**	**28,0**	**29,1**	**28,1**
5,1	2,66	4,16	6,45	9,77	14,8	29,2	30,3	29,2
5,2	2,71	4,31	6,71	10,1	15,3	30,4	31,5	30,3
5,3	2,77	4,47	6,97	10,4	15,8	31,6	32,7	31,5
5,4	2,82	4,63	7,24	10,7	16,3	32,9	33,9	32,6
5,5	**2,90**	**4,79**	**7,50**	**11,0**	**16,8**	**34,1**	**35,2**	**33,9**
5,6	2,95	4,95	7,76	11,4	17,2	35,2	36,4	35,1
5,7	3,02	5,11	8,01	11,7	17,6	36,4	37,5	36,4
5,8	3,10	5,27	8,25	12,0	18,0	37,4	38,9	37,7
5,9	3,19	5,44	8,49	12,4	18,4	38,4	40,1	39,1
6	**3,30**	**5,60**	**8,70**	**12,8**	**18,8**	**39,3**	**41,3**	**40,4**
6,1	3,43	5,77	8,91	13,1	19,1	40,1	42,5	41,8
6,2	3,59	5,93	9,10	13,5	19,5	40,9	43,6	43,3
6,3	3,78	6,10	9,28	13,9	19,8	41,6	44,8	44,7
6,4	4,00	6,27	9,46	14,3	20,1	42,2	45,9	46,2
6,5	**4,20**	**6,43**	**9,63**	**14,7**	**20,4**	**42,8**	**47,0**	**47,7**
6,6	4,50	6,60	9,80	15,1	20,7	43,4	48,0	49,2
6,7					21,0	43,9	49,1	50,8
6,8					21,4	44,5	50,1	52,3
6,9					21,8	45,0	51,1	53,9
7					**22,2**	**45,6**	**52,1**	**55,4**
7,1					22,7	46,2	53,1	57,0
7,2					23,2	46,7	54,0	58,6
7,3					23,7	47,3	54,9	60,1
7,4					24,3	47,9	55,8	61,7
7,5					**24,9**	**48,5**	**56,6**	**63,2**
7,6							57,5	64,8
7,7							58,3	66,3
7,8							59,1	67,8
7,9							59,9	69,4
8							**60,7**	**70,9**
8,1							61,5	72,4
8,2							62,2	73,8

POS \ DN	15	20	25	32	40	50	65	80
8,3							62,9	75,3
8,4							63,7	76,7
8,5							**64,4**	**78,1**
8,6							65,1	79,5
8,7							65,8	80,9
8,8							66,5	82,2
8,9							67,2	83,5
9							**67,9**	**84,8**
9,1							68,5	86,1
9,2							69,2	87,3
9,3							69,9	88,5
9,4							70,5	89,7
9,5							**71,2**	**90,8**
9,6							71,8	91,9
9,7							72,5	93,0
9,8							73,1	94,1
9,9							73,8	95,1
10							**74,4**	**96,1**
10,1								97,0
10,2								97,9
10,3								98,8
10,4								99,7
10,5								**100,5**
10,6								101
10,7								102
10,8								103
10,9								104
11								**104,3**
11,1								105
11,2								106
11,3								106,4
11,4								107
11,5								**108**
11,6								108,4
11,7								109
11,8								110
11,9								110,4
12								**111**

POS \ DN	100	125	150	200
0,5				
0,6				
0,7				
0,8				
0,9				
1				
1,1				
1,2				
1,3				
1,4				
1,5	**3,77**	**8,30**	**16,2**	**32,5**
1,6	4,19	8,80	17,1	34,5
1,7	4,65	10,1	18,8	36,3
1,8	5,14	9,1	16,2	38,8
1,9	5,66	10,7	19,6	39,8
2	**6,22**	**11,3**	**20,4**	**41,3**
2,1	6,81	11,9	21,1	43,0
2,2	7,46	12,5	21,8	44,5
2,3	8,15	13,1	22,5	46,0
2,4	8,84	13,8	23,1	47,5
2,5	**9,56**	**14,4**	**23,8**	**48,9**
2,6	10,3	15,1	24,4	50,3
2,7	11,1	15,7	25,0	51,6
2,8	11,8	16,4	25,6	52,9
2,9	12,6	17,0	26,2	54,2
3	**13,4**	**17,7**	**26,7**	**55,5**
3,1	14,2	18,4	27,3	56,8
3,2	14,9	19,0	27,9	58,1
3,3	15,7	19,7	28,5	59,4
3,4	16,5	20,4	29,0	60,7
3,5	**17,3**	**21,1**	**29,5**	**62,1**
3,6	18,1	21,8	30,2	63,4
3,7	19,0	22,5	30,9	64,8
3,8	19,9	23,2	31,5	66,3
3,9	20,8	23,8	32,3	67,8
4	**21,8**	**24,6**	**33,0**	**69,3**

POS \ DN	100	125	150	200
4,1	22,8	25,3	33,8	70,9
4,2	23,9	26,0	34,6	72,5
4,3	25,1	26,7	35,4	74,2
4,4	26,3	27,4	36,3	76,0
4,5	**27,6**	**28,2**	**37,6**	**77,8**
4,6	29,0	28,9	38,2	79,8
4,7	30,5	29,7	39,1	81,8
4,8	32,1	30,5	40,2	83,8
4,9	33,8	31,3	41,2	86,0
5	**35,7**	**32,3**	**42,3**	**88,1**
5,1	37,7	33,2	43,4	90,5
5,2	39,8	34,1	44,5	92,8
5,3	42,1	35,2	45,7	95,3
5,4	44,6	36,3	46,9	97,9
5,5	**47,2**	**37,4**	**48**	**101**
5,6	50,0	38,7	49,3	103
5,7	52,9	40,0	50,6	106
5,8	55,9	41,5	51,9	109
5,9	59,1	43,1	53,1	112
6	**62,4**	**44,9**	**54,5**	**115**
6,1	65,8	46,7	55,8	119
6,2	69,2	48,8	57,2	122
6,3	72,8	51,0	58,6	126
6,4	76,3	53,4	60,1	129
6,5	**79,3**	**56,1**	**61,5**	**133**
6,6	83,4	58,9	63,1	137
6,7	86,9	61,9	64,6	141
6,8	90,2	65,2	66,2	145
6,9	93,5	68,7	67,9	150
7	**96,6**	**72,5**	**69,6**	**154**
7,1	99,5	76,3	71,5	159
7,2	102	80,4	73,4	164
7,3	105	84,8	75,4	169
7,4	108	89,4	77,5	174
7,5	**110**	**93,2**	**80,0**	**179**
7,6	112	99,1	82,0	185

POS \ DN	100	125	150	200
7,7	115	104	84,5	190
7,8	117	109	87,1	196
7,9	119	114	89,9	202
8	**121**	**120**	**92,9**	**208**
8,1	123	124	96,1	215
8,2	125	129	99,5	222
8,3	126	134	103	229
8,4	128	138	107	236
8,5	**130**	**142**	**111**	**244**
8,6	131	146	116	252
8,7	133	151	120	259
8,8	134	155	125	267
8,9	136	159	130	275
9	**137**	**162**	**136**	**284**
9,1	138	166	141	292
9,2	140	169	147	300
9,3	141	172	153	309
9,4	142	176	158	317
9,5	**143**	**179**	**164**	**325**
9,6	144	181	170	333
9,7	145	184	176	342
9,8	146	187	182	350
9,9	147	189	187	358
10	**148**	**192**	**193**	**364**
10,1	149	194	198	373
10,2	150	196	203	380
10,3	151	198	208	388
10,4	152	200	213	395
10,5	**153**	**202**	**218**	**402**
10,6	154	204	223	409
10,7	155	206	227	415
10,8	155,5	207	231	422
10,9	156	209	235	428
11	**157**	**211**	**240**	**435**
11,1	158	212	244	441
11,2	159	214	247	447

POS \ DN	100	125	150	200
11,3	159,5	215	251	453
11,4	160	217	255	458
11,5	**161**	**218**	**258**	**464**
11,6	162	220	262	470
11,7	163	221	265	475
11,8	163,4	222	268	480
11,9	164	223	271	486
12	**165**	**225**	**274**	**489**
12,1		226	277	496
12,2		227	280	501
12,3		228	282	506
12,4		229	285	510
12,5		**231**	**288**	**515**
12,6		232	290	520
12,7		233	293	524
12,8		234	295	529
12,8		235	297	533
13		**236**	**300**	**537**
13,1		237	302	542
13,2		238	304	546
13,3		239	306	550
13,4		240	308	554
13,5		**242**	**310**	**558**
13,6			312	562
13,7			314	566
13,8			316	570
13,9			318	573
14			**320**	**575**
14,1			322	581
14,2			324	585
14,3			325	588
14,4			327	592
14,5			**329**	**595**
14,6			330	599
14,7			332	602
14,8			334	606

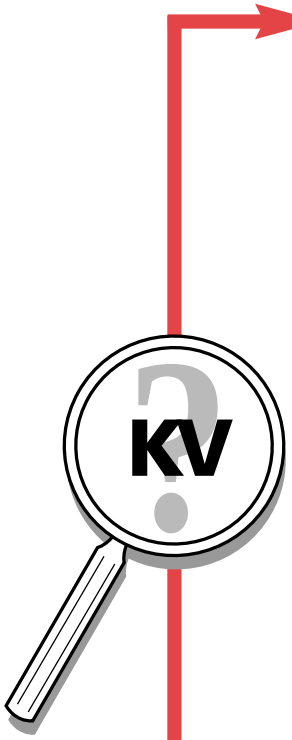
POS \ DN	100	125	150	200
14,9			335	609
15			**337**	**613**
15,1			338	616
15,2			340	620
15,3			342	623
15,4			343	626
15,5			**345**	**630**
15,6			346	633
15,7			348	636
15,8			349	639
15,9			350	642
16			**352**	**646**
16,1			353	649
16,2			355	652
16,3			356	655
16,4			357	658
16,5			**359**	**661**
16,6			360	664
16,7			361	667
16,8			363	670
16,9			364	674
17			**365**	**677**
17,1			367	680
17,2			368	683
17,3			369	686
17,4			371	689
17,5			**372**	**692**
17,6				695
17,7				698
17,8				701
17,9				703
18				**704**

KV = f (POS)

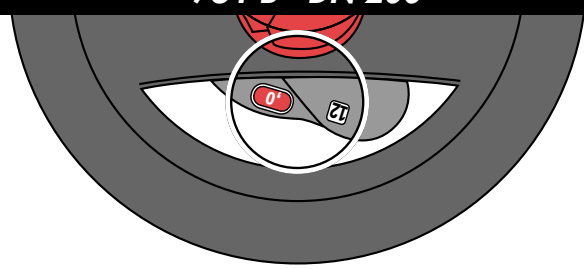
$$\frac{KV}{10} = a\left(\frac{POS}{100}\right)^6 + b\left(\frac{POS}{100}\right)^5 + c\left(\frac{POS}{100}\right)^4 + d\left(\frac{POS}{100}\right)^3 + e\left(\frac{POS}{100}\right)^2 + f\left(\frac{POS}{100}\right) + g$$

Ref. 751 B / 750 B

Ref.	a	b	c	d	e	f	g
751 B DN15	0	8658711,395	-1457126,76	88791,4968	-2317,7283	29,312	-0,1112
751 B DN20	0	-118613,8992	-27261,7961	5543,5482	-147,0433	5,7152	-0,0048
751 B DN25	0	-5747336,385	956292,6297	-58562,5067	1832,9486	-18,4114	0,0999
751 B DN32	0	8249744,936	-1486390,445	95149,1103	-2296,7695	32,5768	-0,1172
751 B DN40	0	7243568,071	-1563112,183	121642,1223	-3909,8624	76,3894	-0,3075
751 B DN50	1299865146	-326754924,9	31685605,08	-1511512,375	38264,88802	-443,6943139	2,0572615
751 B DN65	0	8768284,292	-2372375,668	218424,442	-7419,9565	129,97	-0,2277
751 B DN80	0	3833174,719	-1359656,467	162452,9235	-7034,1912	154,7671	-0,3434
751 B DN 100	0	29580607,08	-9883959,562	1183921,971	-61015,5623	1457,4781	-12,1097
751 B DN 125	0	22810001,48	-9018234,498	1286661,232	-79200,448	2180,995	-19,888
751 B DN 150	0	8702301,706	-4209312,501	722046,9589	-51666,2991	1624,5163	-14,9805
751 B DN 200	0	6738782,054	-3250254,955	536407,3429	-33746,3433	1002,0966	-6,13
750 B DN 250	0	47286042,56	-15627704,16	2010289,523	-118354,7983	3862,3086	-39,6184
750 B DN 300	0	1931578,232	-247901,7422	-24531,8984	13489,8068	-251,8648	13,2769
750 B DN 350	0	59775939,85	-19959112,79	2474754,589	-128894,4872	3692,0168	-24,8595
750 B DN 400	0	0	0	-82517,6139	28248,4075	-290,3001	24,7589



751 B - DN 200



$KV_{/10}$ = kv = 0 x $(0,120)^6$ + 6738782 x $(0,120)^5$ + (-3250254,955) x $(0,120)^4$ + 536407,3497 x $(0,120)^3$ + (-33746,3433) x $(0,120)^2$ + 1002,0966 x 0,120 + (-6,13) = **48,9**

(KV = kv x 10)

KV = 489

751 B - DN 200

KV = 489

kv = 489 : 10 = 48,9

$$POS/_{100} = pos = 0 \times (48{,}9)^6 + (6{,}28E\text{-}10) \times (48{,}9)^5 + (-1{,}41624E\text{-}07) \times (48{,}9)^4 + (-1{,}25852E\text{-}5) \times (48{,}9)^3 + (-0{,}000525178) \times (48{,}9)^2 + 0{,}011397628 \times 48{,}9 + (-0{,}018374074) = \mathbf{0{,}120}$$

(POS = pos x 100)

POS = 12,0

POS = f (KV)

$$\frac{POS}{100} = a\left(\frac{KV}{10}\right)^6 + b\left(\frac{KV}{10}\right)^5 + c\left(\frac{KV}{10}\right)^4 + d\left(\frac{KV}{10}\right)^3 + e\left(\frac{KV}{10}\right)^2 + f\left(\frac{KV}{10}\right) + g$$

Ref. 751 B / 750 B

Ref.	a	b	c	d	e	f	g
751 B DN15	0	31,63963158	-44,42417695	22,48129376	-5,105701491	0,650431169	-0,003566189
751 B DN20	0	1,152172734	-2,577650732	2,312118325	-1,066669715	0,322360876	-0,002026446
751 B DN25	0	0,262488638	-0,706049547	0,754528577	-0,427160965	0,181533809	0,002163827
751 B DN32	0	0,041413824	-0,194339398	0,342293193	-0,283497489	0,14351286	0,002436278
751 B DN40	0	-0,003769027	0,023017801	-0,045997537	0,026893881	0,0366674	0,003109381
751 B DN50	0	0,000124797	-0,001691515	0,009340583	-0,026374766	0,0474539	0,000994497
751 B DN65	0	3,02314E-05	-0,000688489	0,006150501	-0,026302451	0,061695269	-0,01563301
751 B DN80	0	5,66932E-06	-0,000183748	0,002346457	-0,014586667	0,050439546	-0,017607148
751 B DN 100	0	3,30405E-07	-1,59697E-05	0,000338153	-0,003564667	0,020778712	0,00821195
751 B DN 125	0	1,32479E-07	-9,47779E-06	0,000271502	-0,003769577	0,026959463	-0,00658654
751 B DN 150	0	1,8234E-08	-2,06841E-06	9,43402E-05	-0,002073048	0,023342804	-0,018936158
751 B DN 200	0	6,28E-10	-1,41624E-07	1,25852E-05	-0,000525178	0,011397628	-0,018374074
750 B DN 250	0	0	-1,07E-10	8,2566E-08	-1,78562E-05	0,002067827	0,006743306
750 B DN 300	0	0	-6,58E-10	2,43285E-07	-3,32759E-05	0,002667066	-0,00665419
750 B DN 350	0	0	0	8,808E-09	-4,81145E-06	0,001176813	0,007558504
750 B DN 400	0	0	1,8E-11	-9,705E-09	9,95258E-07	0,000504989	0,010499837

Балансировочные клапана, бронзовые DZR

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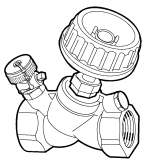
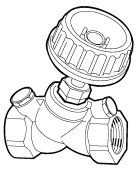
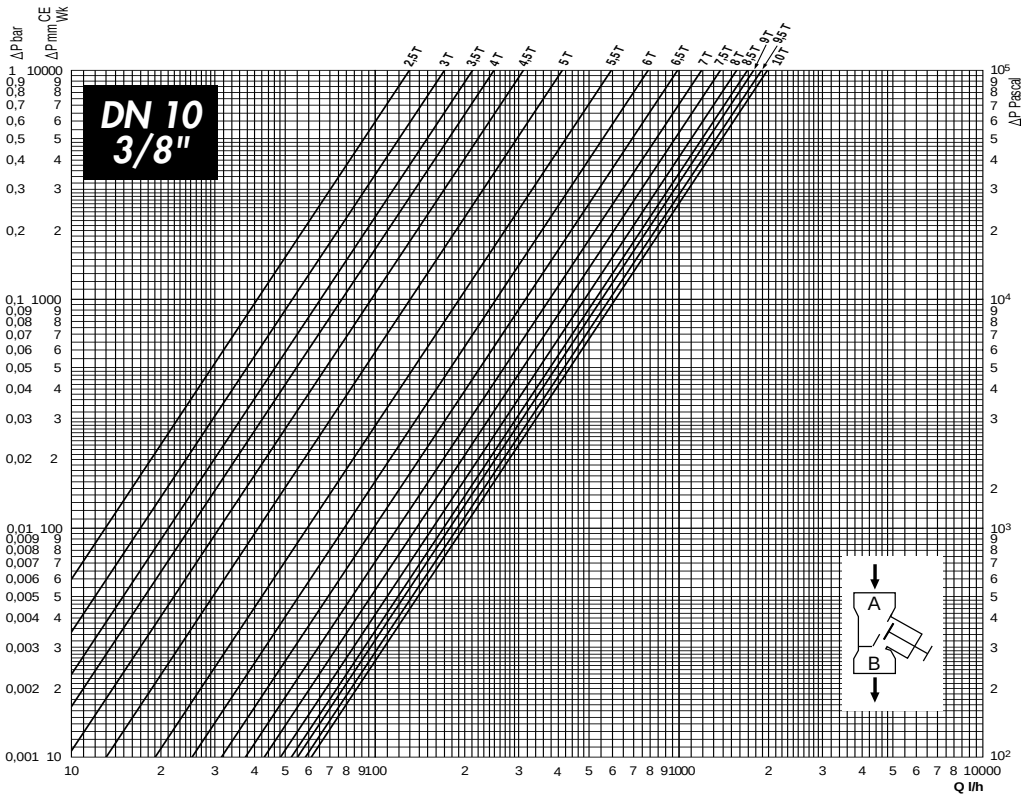
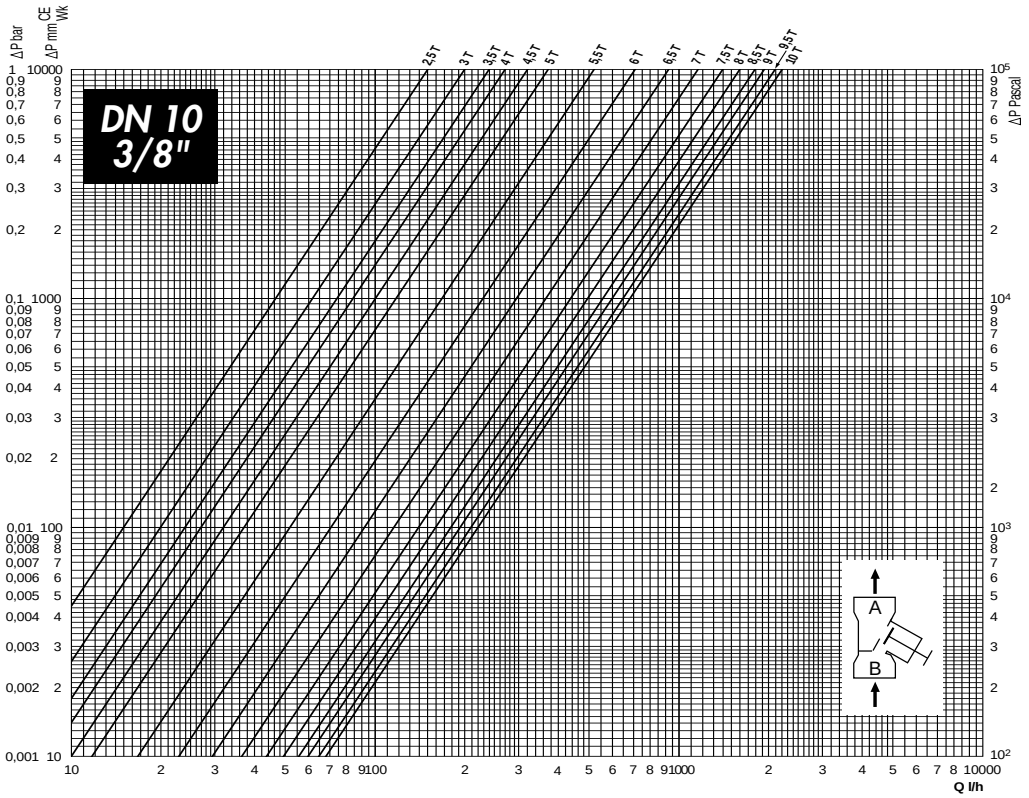


1753







Балансировочные клапана, бронзовые DZR

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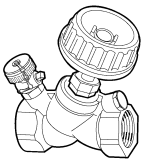
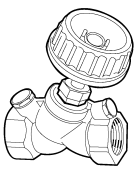
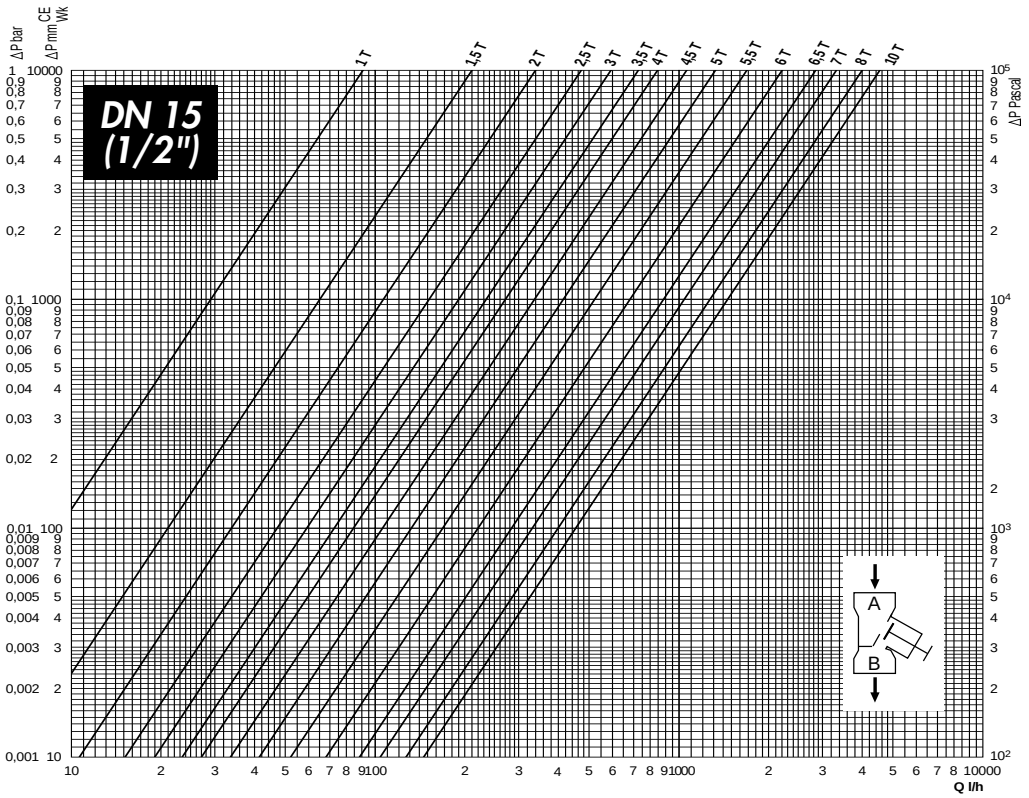
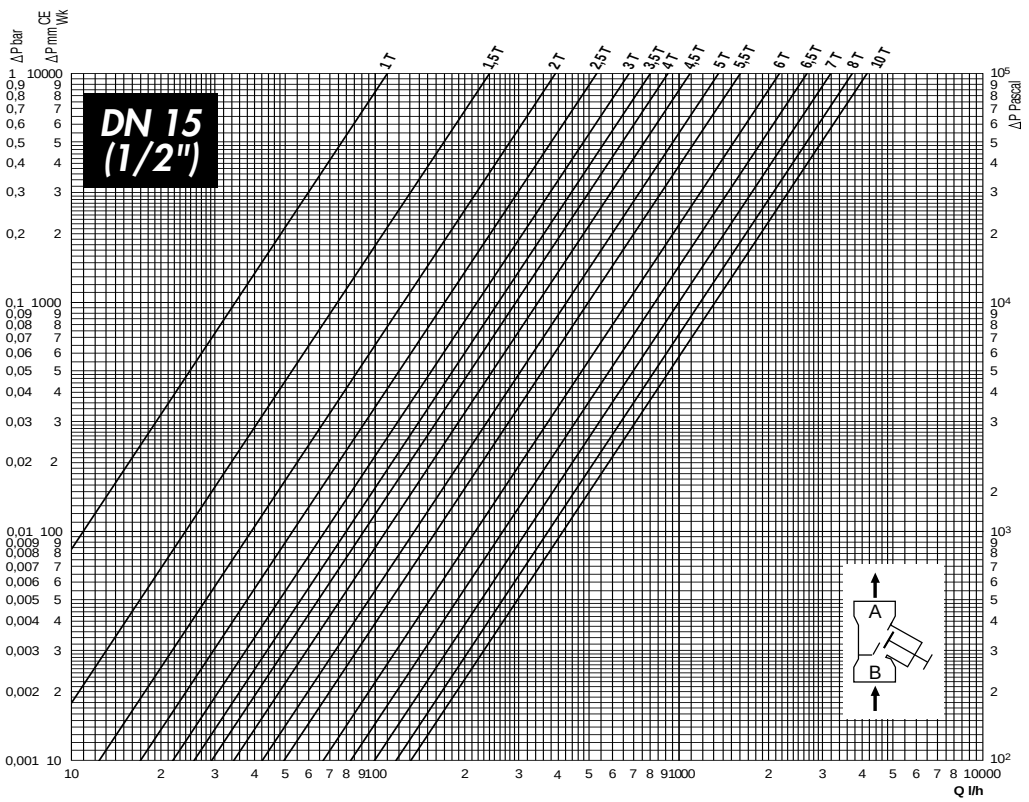


1753







Балансировочные клапана, бронзовые DZR

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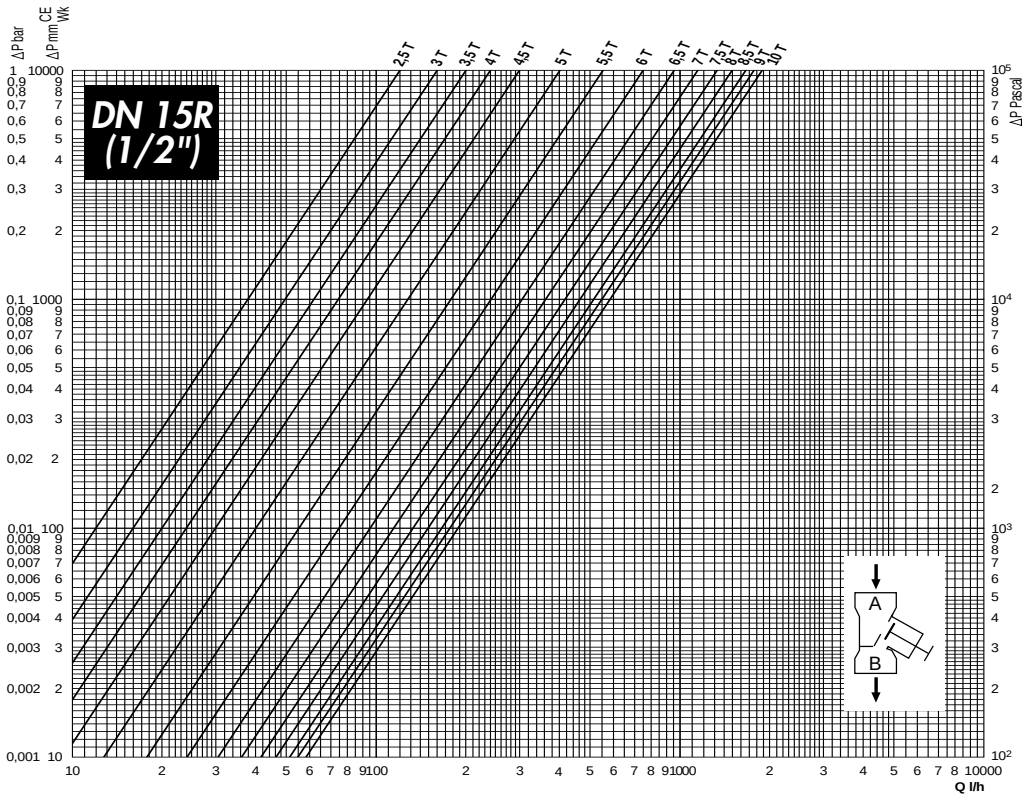

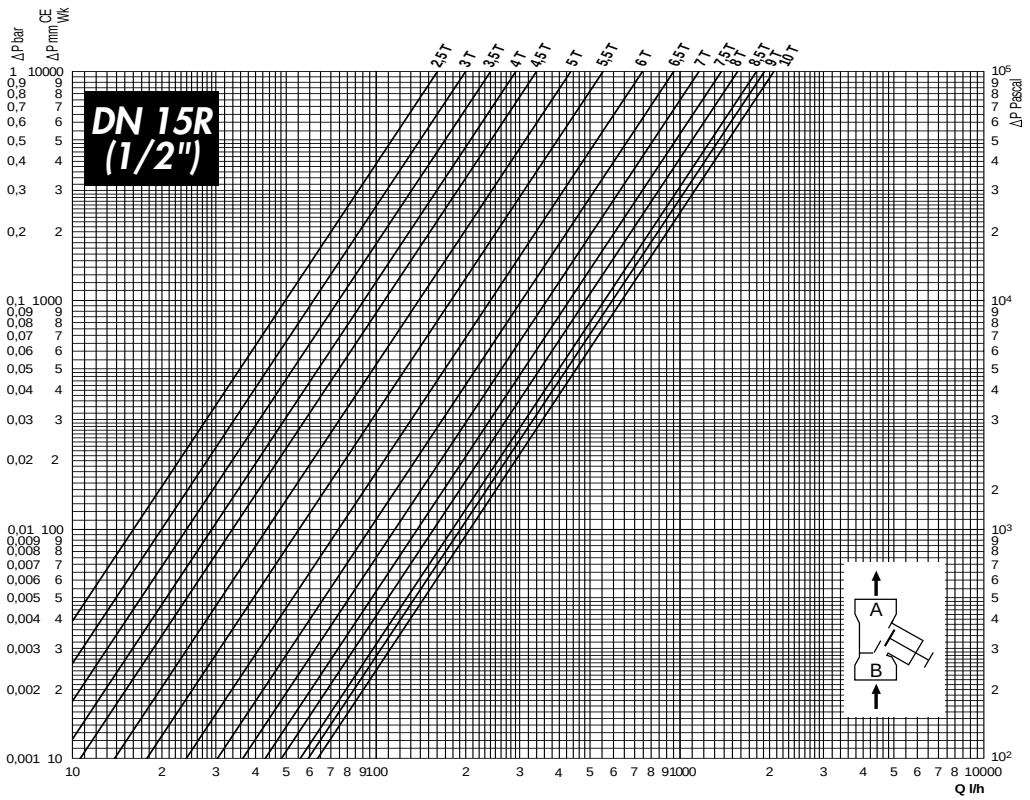

Балансировочные клапана, бронзовые DZR

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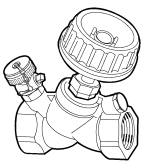
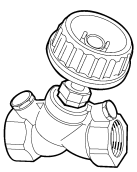
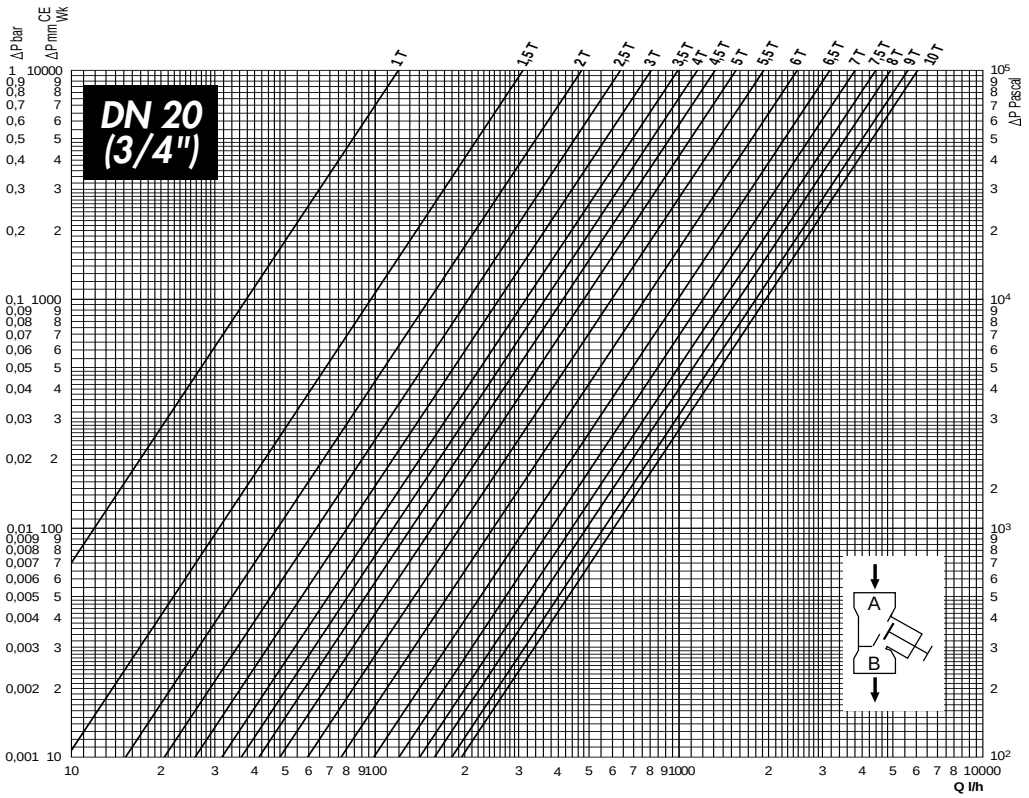
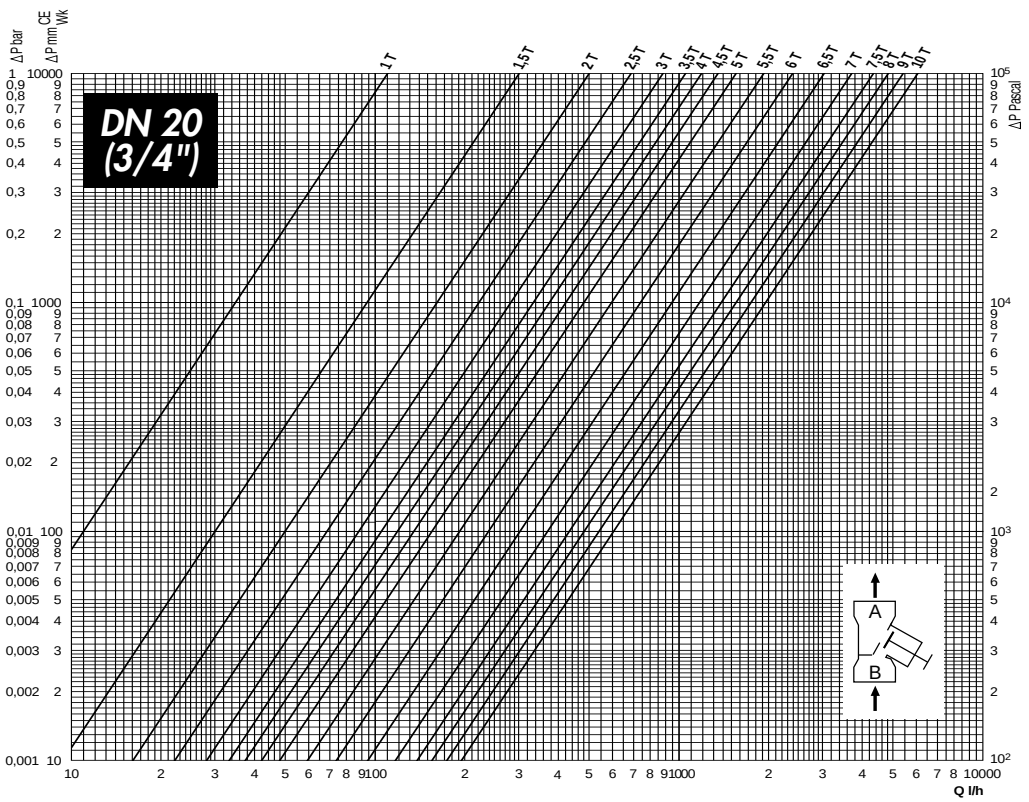


1753







Балансировочные клапана, бронзовые DZR

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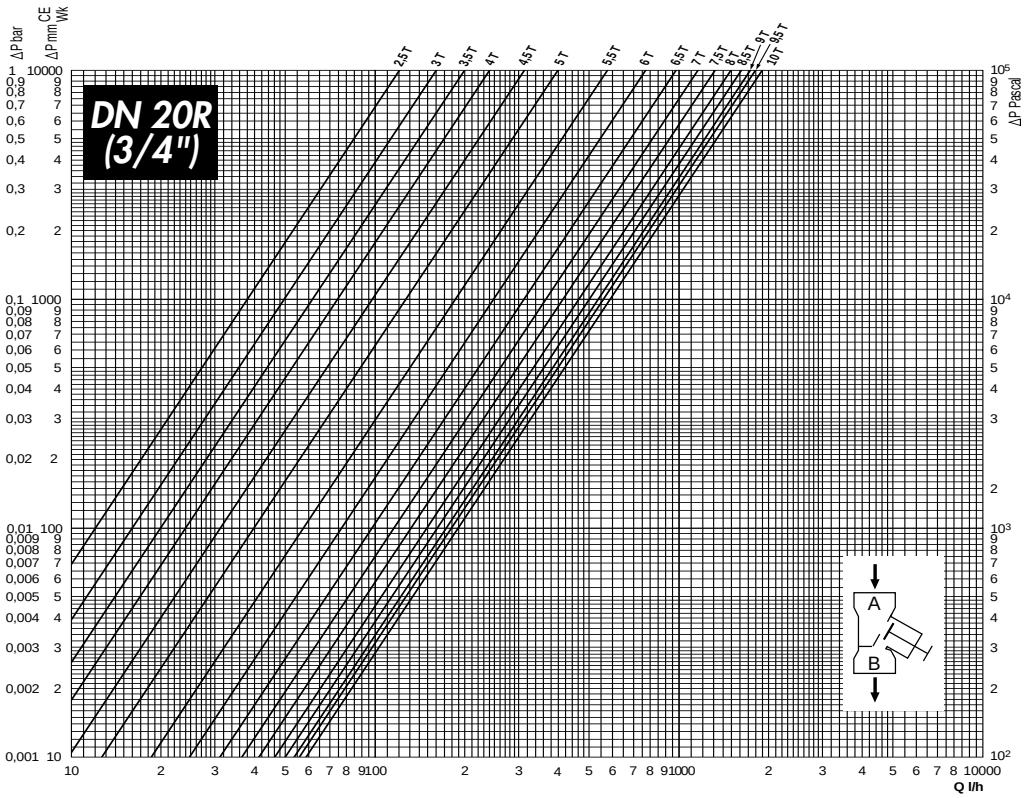
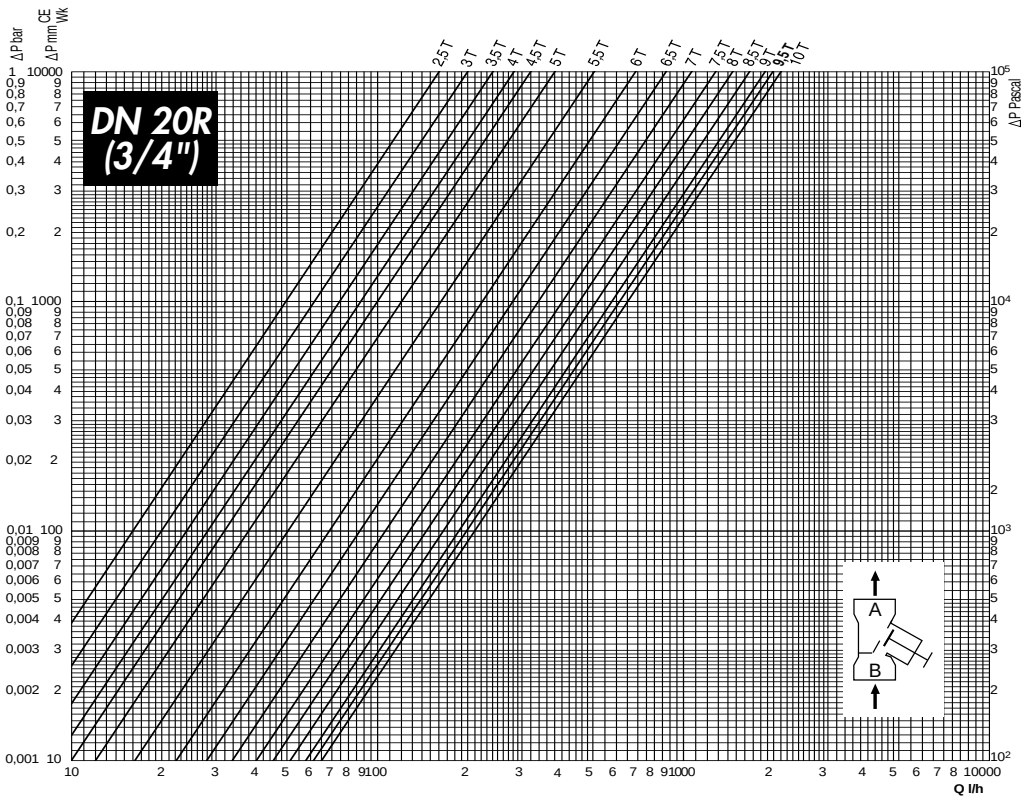
1751





Балансировочные клапана, бронзовые DZR

1750

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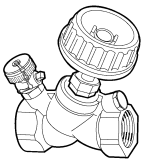
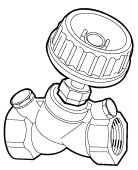
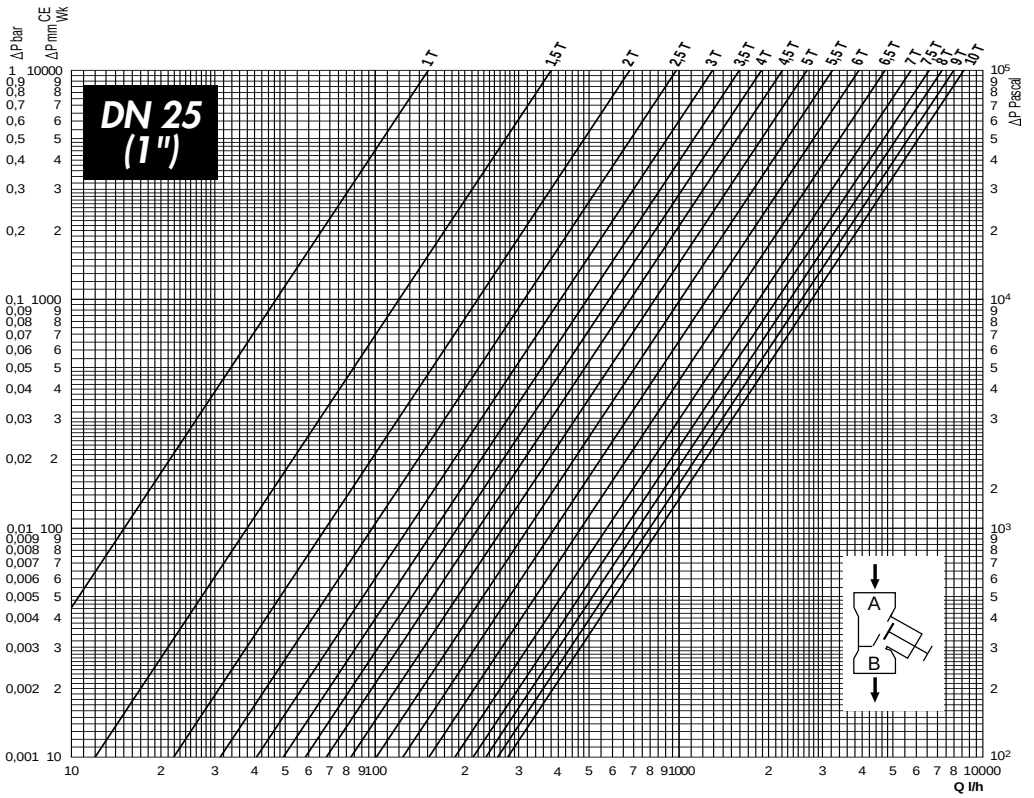
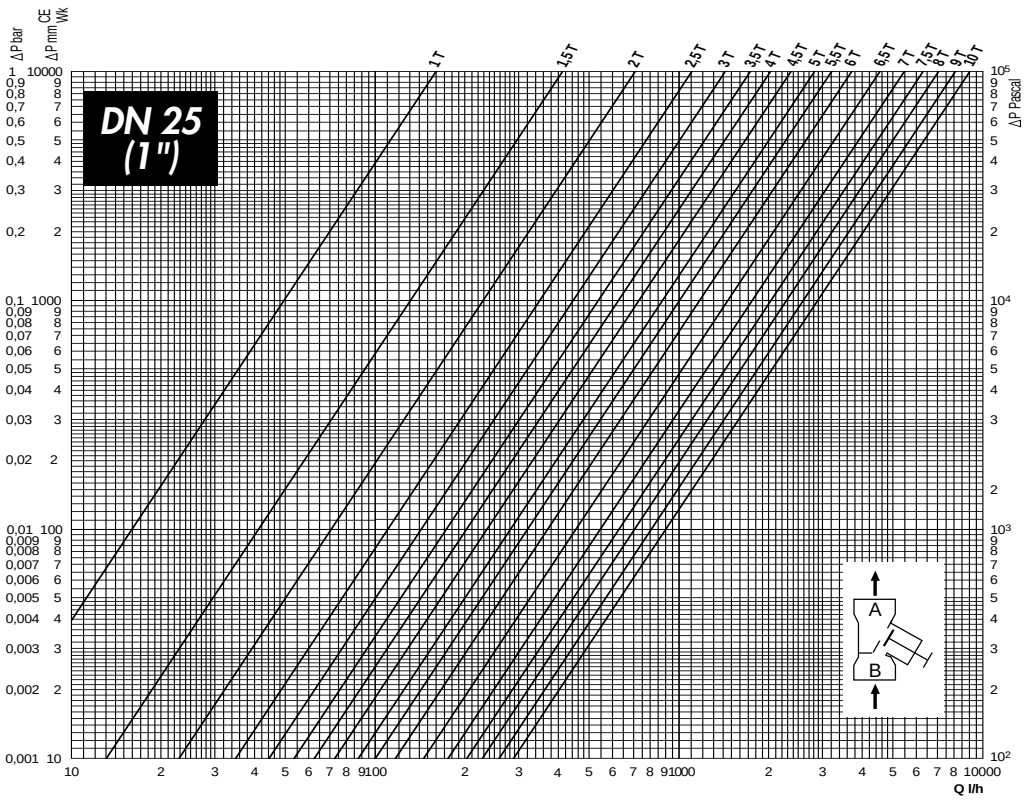


1753







Балансировочные клапана, бронзовые DZR

1750

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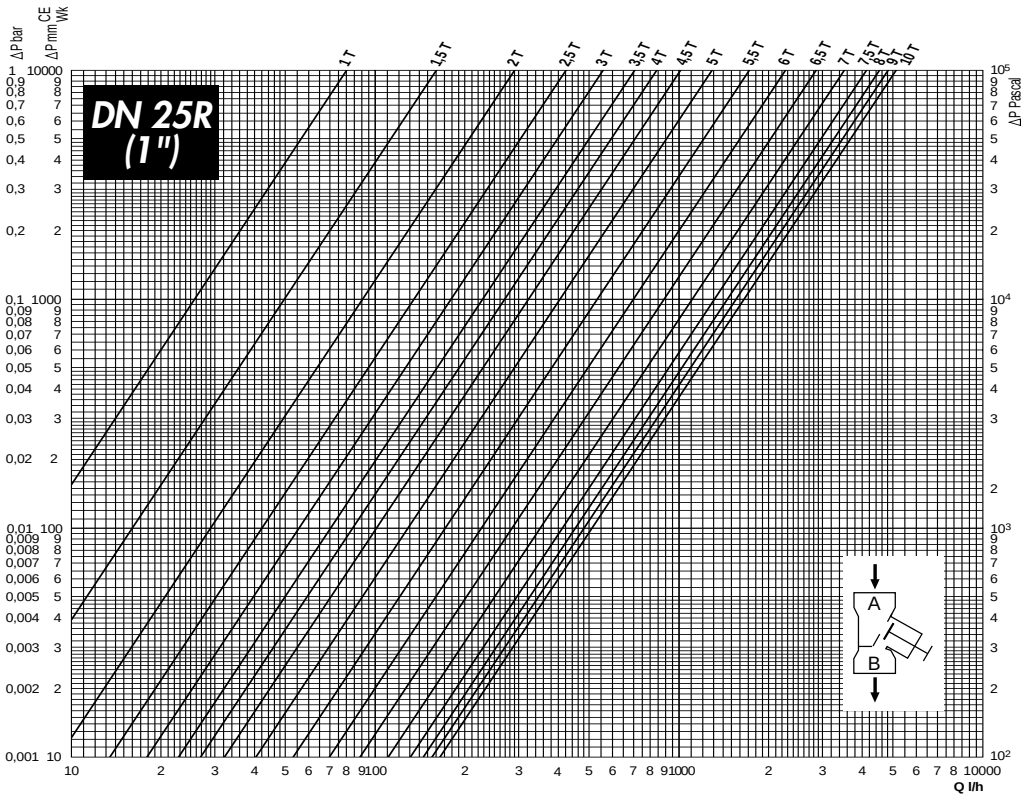

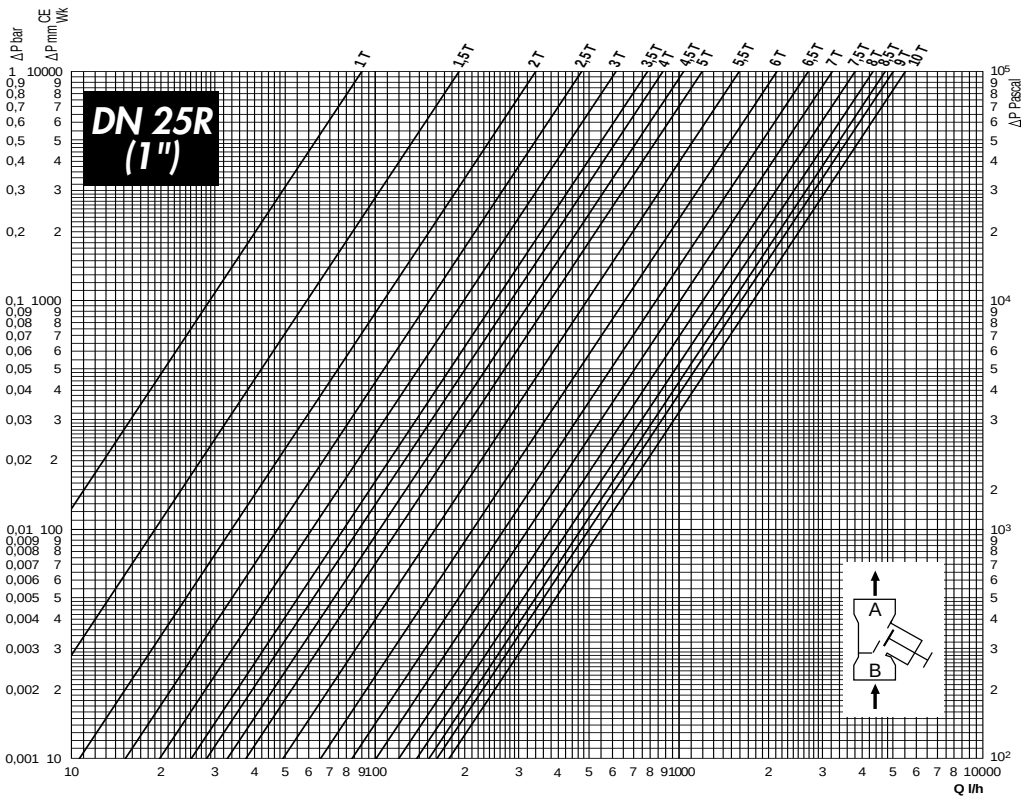

Балансировочные клапана, бронзовые DZR

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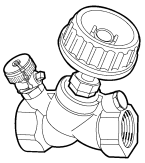
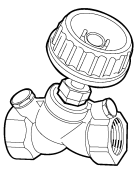
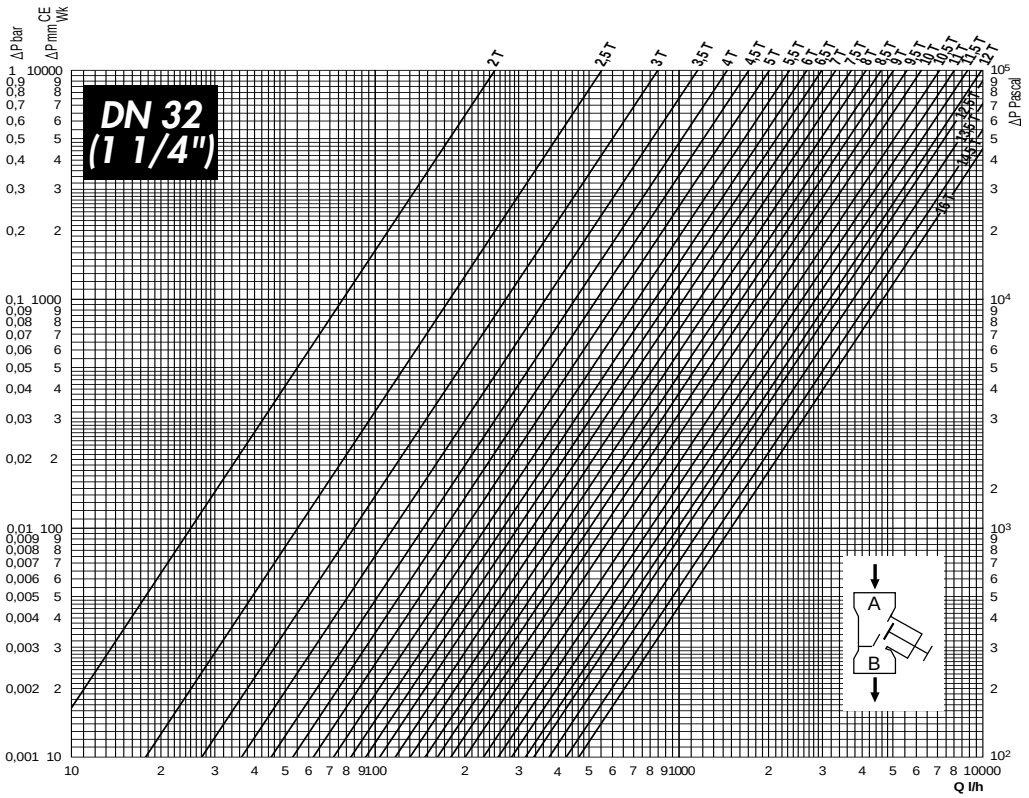
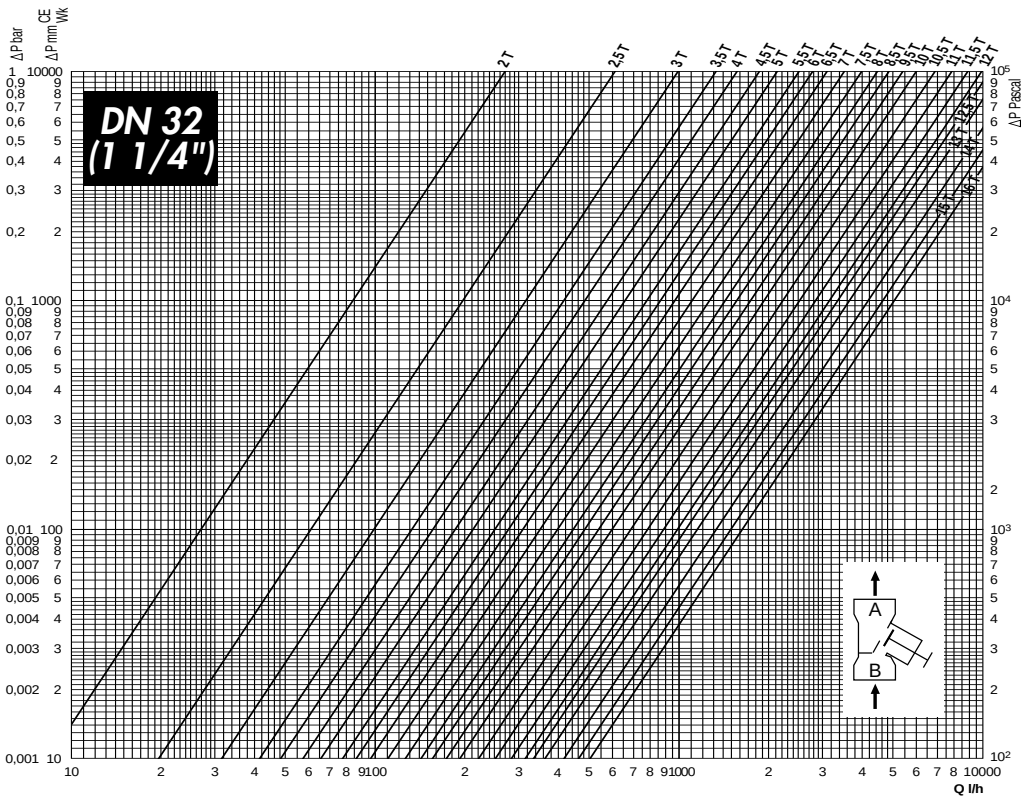


1753







Балансировочные клапана, бронзовые DZR

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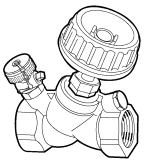
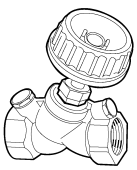
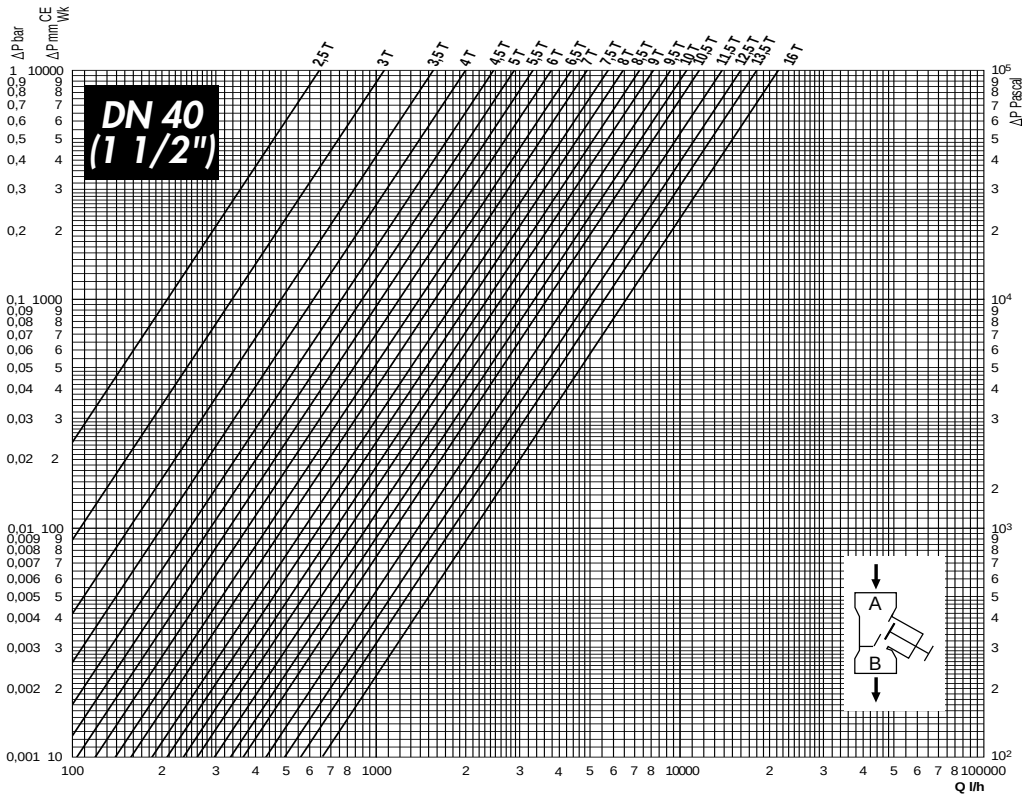
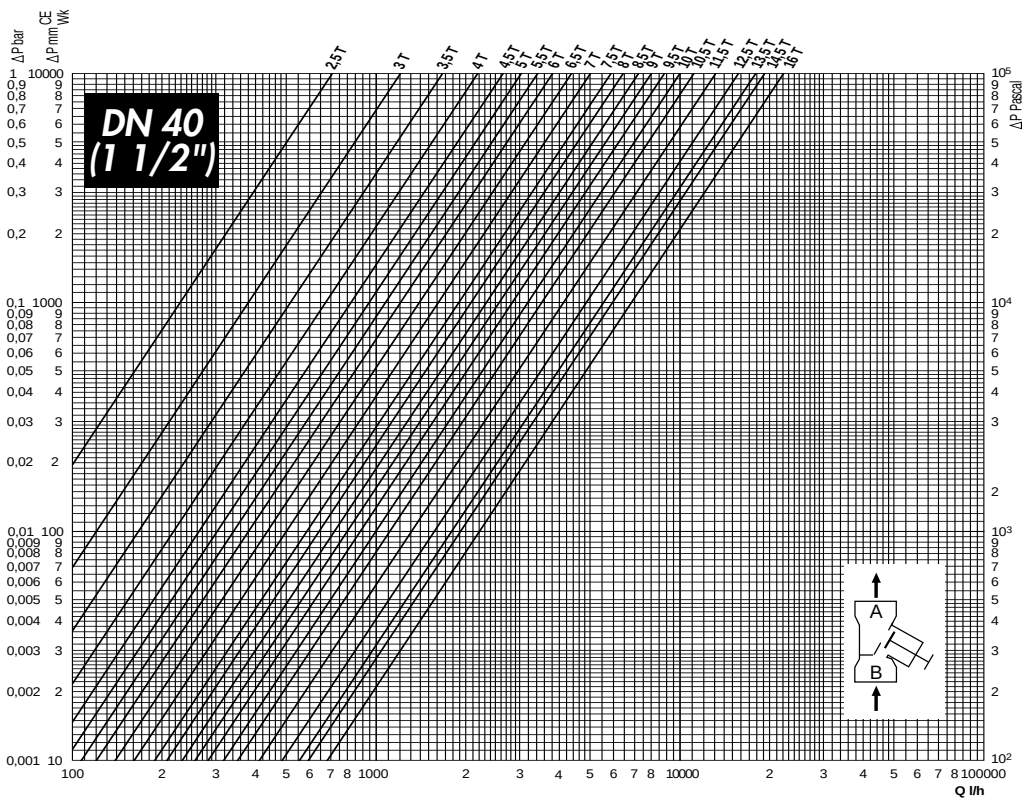


1753







Балансировочные клапана, бронзовые DZR

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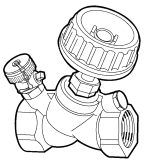
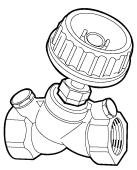
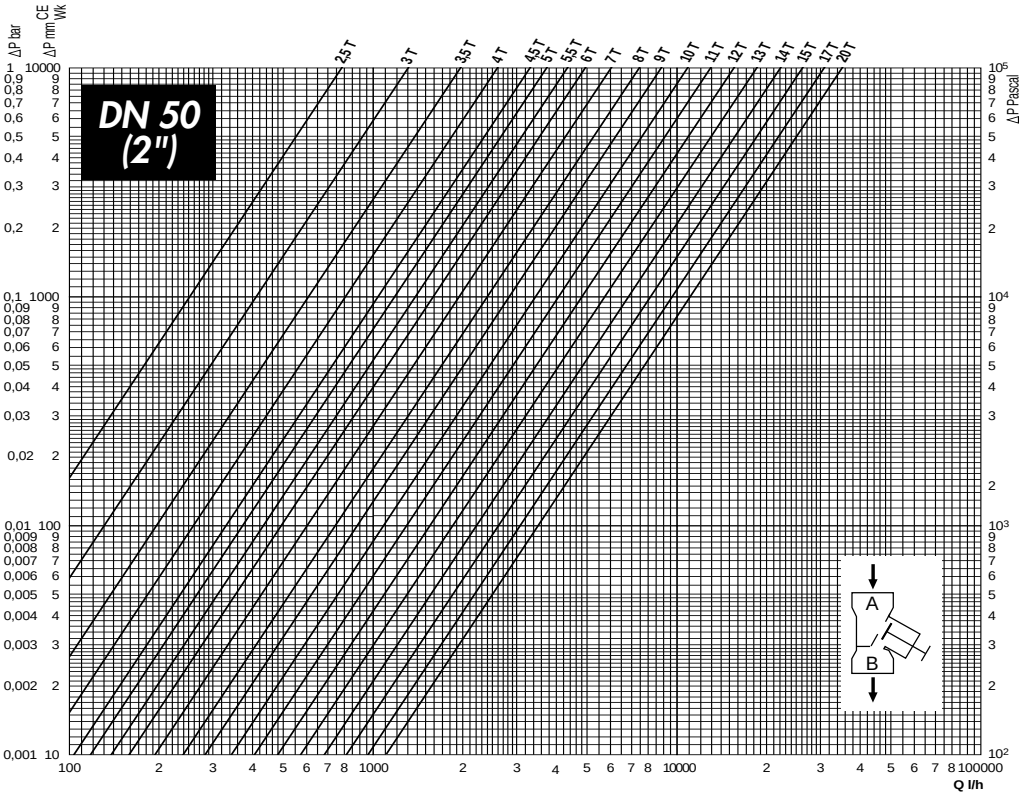
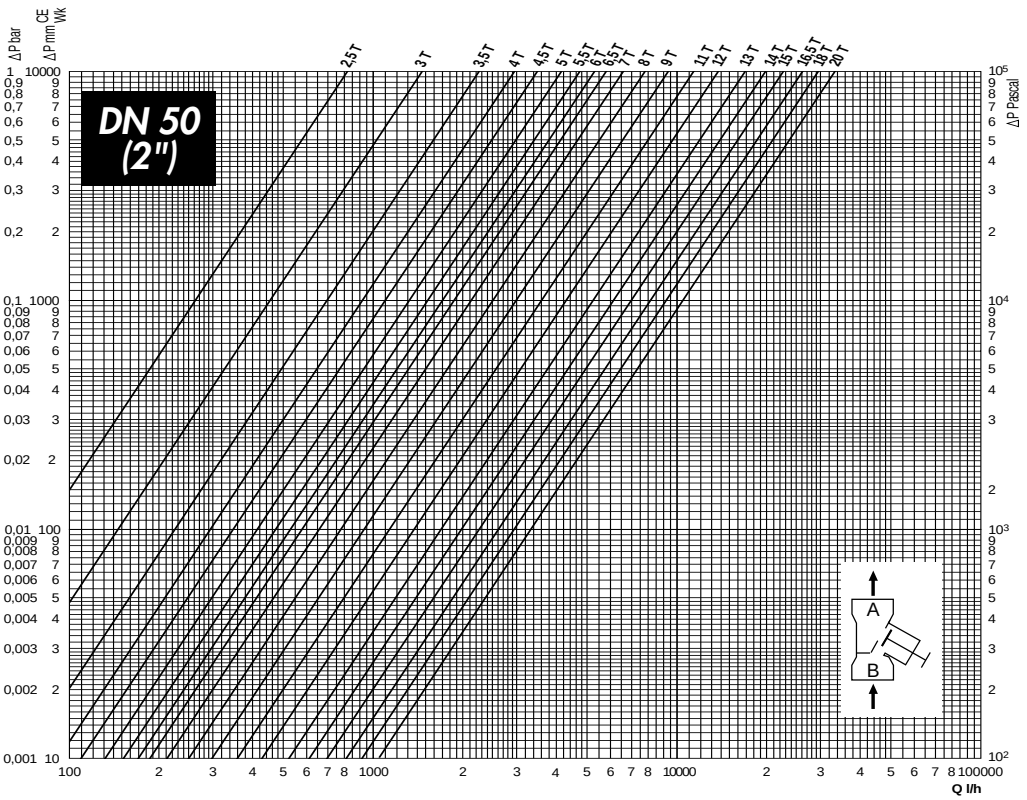


1753







Балансировочные клапана, бронзовые DZR

A → B

DN / T	10 - 3/8“		15R - (1/2“)		15 - (1/2“)		20R - (3/4“)		20 - (3/4“)		25R - (1“)		25 - (1“)		32 - (1 1/4“)		40 (1 1/2“)		50 - (2“)	
	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta
1					**0,09**	**12691**			**0,12**	**23710**	**0,080**	**134148**	**0,15**	**38158**						
1,5					0,21	2331			0,31	3553	0,160	33537	0,38	9546						
2					**0,34**	**889**			**0,47**	**1546**	**0,290**	**10209**	**0,67**	**1913**	**0,25**	**41686**	**0,29**	**56937**		
2,5	0,130	2266	0,120	7138	0,47	465	0,120	23710	0,63	860	0,420	4867	0,97	912	0,55	8613	0,64	11690	0,76	21427
3	**0,170**	**1325**	**0,160**	**4015**	**0,59**	**295**	**0,160**	**13337**	**0,8**	**533**	**0,560**	**2738**	**1,28**	**524**	**0,85**	**3606**	**1,07**	**4182**	**1,31**	**7212**
3,5	0,210	868	0,200	2570	0,72	198	0,200	8536	0,98	356	0,710	1703	1,58	344	1,15	1970	1,54	2019	1,96	3222
4	**0,250**	**613**	**0,240**	**1785**	**0,85**	**142**	**0,240**	**5928**	**1,14**	**263**	**0,840**	**1217**	**1,89**	**240**	**1,43**	**1274**	**2**	**1197**	**2,58**	**1859**
4,5	0,310	398	0,300	1142	1,05	93	0,310	3553	1,31	199	1,000	859	2,2	177	1,7	902	2,47	785	3,15	1247
5	**0,410**	**228**	**0,400**	**642**	**1,31**	**60**	**0,400**	**2134**	**1,56**	**140**	**1,280**	**524**	**2,65**	**122**	**2,01**	**645**	**2,87**	**581**	**3,74**	**885**
5,5	0,590	110	0,560	328	1,69	36	0,570	1051	1,92	93	1,710	294	3,22	86	2,33	480	3,29	442	4,32	663
6	**0,780**	**63**	**0,750**	**183**	**2,2**	**21**	**0,770**	**576**	**2,48**	**56**	**2,260**	**168**	**3,89**	**57**	**2,64**	**374**	**3,79**	**333**	**4,93**	**509**
6,5	0,990	39	0,950	114	2,84	13	0,970	363	3,17	34	2,850	106	4,72	39	3	289	4,3	259	5,47	414
7	**1,180**	**28**	**1,130**	**81**	**3,36**	**9**	**1,150**	**258**	**3,8**	**24**	**3,480**	**71**	**5,71**	**26**	**3,35**	**232**	**4,85**	**204**	**6**	**344**
7,5	1,370	20	1,320	59	3,74	7	1,320	196	4,43	17	4,100	51	6,64	19	3,74	186	5,69	148	6,63	282
8	**1,550**	**16**	**1,500**	**46**	**4**	**6**	**1,500**	**152**	**4,9**	**14**	**4,540**	**42**	**7,23**	**16**	**4,12**	**153**	**6,42**	**116**	**7,34**	**230**
8,5	1,680	14	1,650	38	4,26	6	1,620	130	5,36	12	4,710	39	7,67	15	4,6	123	7,24	91	8,13	187
9	**1,770**	**12**	**1,750**	**34**	**4,37**	**5**	**1,720**	**115**	**5,66**	**11**	**4,890**	**36**	**7,98**	**13**	**4,98**	**105**	**8,14**	**72**	**8,93**	**155**
9,5	1,880	11	1,850	30	4,46	5	1,820	103	5,83	10	5,060	34	8,35	12	5,6	83	9,25	56	9,77	130
10	**1,980**	**10**	**1,880**	**29**	**4,52**	**5**	**1,900**	**95**	**6,01**	**9**	**5,150**	**32**	**8,65**	**11**	**6,31**	**65**	**10,5**	**43**	**10,77**	**107**
10,5															7,15	51	11,65	35	11,75	90
11															**7,97**	**41**	**12,46**	**31**	**12,89**	**74**
11,5															8,84	33	13,74	25	14,15	62
12															**9,91**	**27**	**14,88**	**22**	**15,59**	**51**
12,5															10,81	22	16,08	19	17,14	42
13															**11,43**	**20**	**17,01**	**17**	**18,4**	**37**
13,5															11,99	18	18,04	15	20,03	31
14															**12,55**	**17**	**18,82**	**14**	**22,12**	**25**
14,5															13,28	15	19,54	13	24,22	21
15															**13,91**	**13**	**20,14**	**12**	**26,22**	**18**
15,5															14,48	12	20,70	11	27,7	16
16															**14,97**	**12**	**21,2**	**11**	**28,95**	**15**
16,5																			30,09	14
17																			**31,02**	**13**
17,5																			31,84	12
18																			**32,7**	**12**
18,5																			33,68	11
19																			**34,47**	**10**
19,5																			35,04	10
20																			**35,73**	**10**

B → A

DN / T	10 - 3/8“		15R - (1/2“)		15 - (1/2“)		20R - (3/4“)		20 - (3/4“)		25R - (1“)		25 - (1“)		32 - (1 1/4“)		40 (1 1/2“)		50 - (2“)	
	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta	Kv	Zeta
1					**0,11**	**8495**			**0,11**	**28217**	**0,090**	**105994**	**0,16**	**33537**						
1,5					0,24	1785			0,3	3794	0,190	23782	0,41	5107						
2					**0,39**	**676**			**0,5**	**1366**	**0,340**	**7427**	**0,71**	**1703**	**0,27**	**35739**	**0,33**	**43971**		
2,5	0,150	1702	0,160	4015	0,53	366	0,160	13337	0,68	738	0,470	3887	1,1	710	0,61	7002	0,71	9499	0,82	18406
3	**0,200**	**957**	**0,200**	**2570**	**0,67**	**229**	**0,200**	**8536**	**0,88**	**441**	**0,620**	**2233**	**1,42**	**426**	**0,99**	**2658**	**1,2**	**3325**	**1,45**	**5886**
3,5	0,240	665	0,240	1785	0,8	161	0,240	5928	1,04	316	0,770	1448	1,72	290	1,32	1495	1,66	1738	2,25	2445
4	**0,270**	**525**	**0,290**	**1222**	**0,92**	**121**	**0,280**	**4355**	**1,19**	**241**	**0,870**	**1134**	**2,02**	**210**	**1,58**	**1044**	**2,19**	**998**	**2,93**	**1442**
4,5	0,320	374	0,340	889	1,08	88	0,320	3334	1,33	193	1,030	809	2,35	155	1,86	753	2,63	692	3,48	1022
5	**0,370**	**280**	**0,430**	**556**	**1,33**	**58**	**0,380**	**2364**	**1,53**	**146**	**1,180**	**617**	**2,81**	**109**	**2,12**	**580**	**3,03**	**522**	**4,17**	**712**
5,5	0,520	142	0,550	340	1,6	40	0,500	1366	1,92	93	1,580	344	3,21	83	2,52	410	3,45	402	4,71	558
6	**0,710**	**76**	**0,740**	**188**	**2,14**	**22**	**0,680**	**738**	**2,39**	**60**	**2,120**	**191**	**3,76**	**61**	**2,79**	**335**	**3,85**	**323**	**5,25**	**449**
6,5	0,920	45	0,950	114	2,63	15	0,870	451	3,06	36	2,670	120	4,54	42	3,16	261	4,37	251	5,76	373
7	**1,150**	**29**	**1,140**	**79**	**3,19**	**10**	**1,070**	**298**	**3,72**	**25**	**3,260**	**81**	**5,4**	**29**	**3,54**	**208**	**5,07**	**186**	**6,58**	**286**
7,5	1,380	20	1,350	56	3,51	8	1,270	212	4,37	18	3,820	59	6,3	22	3,99	164	5,95	135	7,16	241
8	**1,580**	**15**	**1,550**	**43**	**3,68**	**8**	**1,470**	**158**	**4,81**	**15**	**4,310**	**46**	**7,04**	**17**	**4,42**	**133**	**6,48**	**114**	**7,78**	**204**
8,5	1,790	12	1,790	32	3,8	7	1,660	124	5,14	13	4,680	39	7,67	15	4,83	112	7,21	92	8,55	169
9	**1,940**	**10**	**1,920**	**28**	**3,92**	**7**	**1,850**	**100**	**5,48**	**11**	**5,060**	**34**	**8,14**	**13**	**5,23**	**95**	**7,98**	**75**	**9,36**	**141**
9,5	2,090	9	1,980	26	4,04	6	1,980	87	5,8	10	5,330	30	8,59	12	5,36	91	8,95	60	10,12	121
10	**2,210**	**8**	**2,050**	**24**	**4,16**	**6**	**2,100**	**77**	**6,01**	**9**	**5,500**	**28**	**9**	**11**	**5,98**	**73**	**9,98**	**48**	**10,88**	**105**
10,5															6,85	56	11,10	39	10,63	110
11															**7,84**	**42**	**11,89**	**34**	**11,29**	**97**
11,5															8,9	33	13,03	28	12,48	79
12															**9,79**	**27**	**14,31**	**23**	**13,72**	**66**
12,5															10,69	23	15,65	20	15,18	54
13															**11,72**	**19**	**16,78**	**17**	**16,68**	**44**
13,5															12,63	16	17,90	15	18,18	37
14															**13,5**	**14**	**18,82**	**14**	**12,69**	**32**
14,5															14,4	13	19,64	12	21	28
15															**15,2**	**11**	**20,41**	**11**	**22,39**	**25**
15,5															15,76	10	21,20	11	23,65	22
16															**16,25**	**10**	**21,82**	**10**	**24,9**	**20**
16,5																			26,09	18
17																			**27,42**	**16**
17,5																			28,51	15
18																			**29,54**	**14**
18,5																			30,45	13
19																			**31,37**	**13**
19,5																			32,1	12
20																			**32,68**	**12**

$$\frac{KV}{10} = a\left(\frac{T}{100}\right)^6 + b\left(\frac{T}{100}\right)^5 + c\left(\frac{T}{100}\right)^4 + d\left(\frac{T}{100}\right)^3 + e\left(\frac{T}{100}\right)^2 + f\left(\frac{T}{100}\right) + g$$

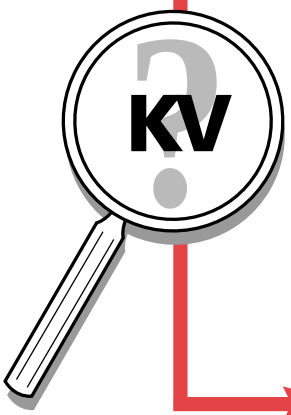
Ref. 1750, 1751, 1752, 1753

A → B

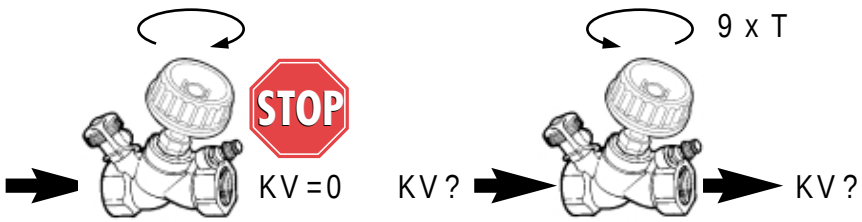
Ref.	a	b	c	d	e	f	g
1750 DN 10 (3/8")	0	766690,4825	-243577,8362	28683,119	-1522,6666	37,7167	-0,339
1750 DN 15 (1/2")	32539866,44	-9918664,744	1118156,78	-57859,531	1451,9329	-14,2772	0,0539
1750 DN 15R (1/2")	-7512896,201	3282526,199	-579908,498	51672,1478	-2373,1292	53,894	-0,4636
1750 DN 20 (3/4")	37262739,36	-12033590,96	1454957,909	-81991,7732	2259,4542	-25,3358	0,1098
1750 DN 20R (3/4")	-5682831,3	2799633,62	-533860,7881	49788,2985	-2346,6699	54,1096	-0,4698
1750 DN 25 (1")	59814840,15	-19254579,04	2344859,503	-135419,2854	3901,7436	-46,9761	0,2111
1750 DN 25R (1")	44601187,81	-14109068,16	1677119,708	-93764,7993	2608,0132	-31,6324	0,1428
1750 DN 32 (1" 1/4)	4060821,776	-2197772,647	453900,7055	-44889,7064	2245,6598	-47,8089	0,3842
1750 DN 40 (1" 1/2)	2469866,049	-1254052,299	231018,5154	-18966,6296	759,4086	-5,8143	-0,0437
1750 DN 50 (2")	2900183,318	-1912116,659	477822,4405	-56874,7586	3421,9852	-87,0219	0,8493

B → A

Ref.	a	b	c	d	e	f	g
1750 DN 10 (3/8")	0	671270,9384	-227256,4899	28604,7869	-1625,0771	42,8637	-0,4063
1750 DN 15 (1/2")	38751679,05	-11853518,26	1356758,302	-72495,3017	1895,0661	-20,1045	0,0826
1750 DN 15R (1/2")	3577570,359	-1072000,885	97441,132	-1334,6783	-183,3672	8,6427	-0,0932
1750 DN 20 (3/4")	44620332,02	-14379934,59	1747275,705	-99713,6615	2782,4822	-31,9289	0,1372
1750 DN 20R (3/4")	-1004470,947	795030,1797	-203481,9883	23334,3113	-1269,6993	32,7833	-0,3032
1750 DN 25 (1")	43348678,95	-14562613,3	1855378,488	-112170,6343	3370,9259	-40,8483	0,1849
1750 DN 25R (1")	32240738,46	-10434301,68	1265360,683	-71546,4154	1985,6833	-22,9136	0,0997
1750 DN 32 (1" 1/4)	1040517,897	-743112,3729	185997,827	-20879,1761	1138,2844	-22,5047	0,1693
1750 DN 40 (1" 1/2)	1202957,444	-686858,4644	139275,9781	-12328,9793	531,7358	-1,9277	-0,0642
1750 DN 50 (2")	2003491,613	-1380715,93	361776,3514	-45145,0511	2813,8467	-70,1238	0,6712



1750 DN 15 (1/2") - A → B



$$\frac{KV}{10} = kv = 32539866{,}44 \times \left(\frac{9}{100}\right)^6 + (-9918664{,}744) \times \left(\frac{9}{100}\right)^5 + 1118156{,}78 \times \left(\frac{9}{100}\right)^4$$

$$+ (-57859{,}531) \times \left(\frac{9}{100}\right)^3 + 1451{,}9329 \times \left(\frac{9}{100}\right)^2 + (-14{,}2772) \times \left(\frac{9}{100}\right) + 0{,}0539 = 0{,}43657$$

(KV = kv x 10)

KV = 4,37

$$\frac{T}{100} = a\left(\frac{KV}{10}\right)^6 + b\left(\frac{KV}{10}\right)^5 + c\left(\frac{KV}{10}\right)^4 + d\left(\frac{KV}{10}\right)^3 + e\left(\frac{KV}{10}\right)^2 + f\left(\frac{KV}{10}\right) + g$$

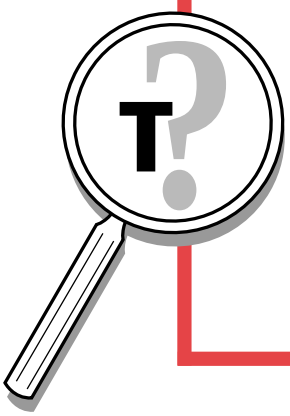
Ref. 1750, 1751, 1752, 1753

A → B

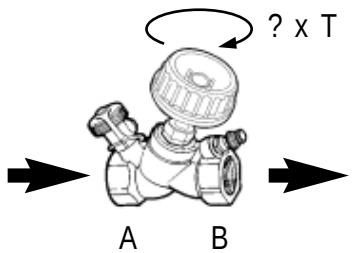
Ref.	a	b	c	d	e	f	g
1750 DN 10 (3/8")	0	2633,542005	-1592,292986	374,3505175	-41,7155299	2,403648657	2,78292E-05
1750 DN 15 (1/2")	339,99563	-452,88221	228,16053	-51,4245	4,08222	0,28371	0,00732
1750 DN 15R (1/2")	-3652,70793	6981,65398	-3060,80027	580,66078	-54,33023	2,69727	-0,0009
1750 DN 20 (3/4")	56,8878852	-106,5883971	76,0941047	-24,7177503	3,0796275	0,1581206	0,0077631
1750 DN 20R (3/4")	-24226,10452	17945,07842	-5269,54541	791,55878	-64,03554	2,8854	-0,00215
1750 DN 25 (1")	-0,1429088	-0,1183338	0,9609355	-0,8320611	0,0712693	0,1814468	0,0075645
1750 DN 25R (1")	86,5990517	-122,5672656	63,0944571	-12,3897202	-0,2655852	0,470424	0,0067233
1750 DN 32 (1" 1/4)	0,0326484	-0,2416157	0,6121107	-0,627934	0,1769522	0,1525618	0,0161463
1750 DN 40 (1" 1/2)	0,0179095	-0,1144016	0,2761494	-0,2894086	0,0803823	0,1106443	0,0170901
1750 DN 50 (2")	0,0003281	-0,0041596	0,0211701	-0,0468041	0,0241954	0,0832059	0,0181994

B → A

Ref.	a	b	c	d	e	f	g
1750 DN 10 (3/8")	-9929,68901	8927,57411	-3199,21039	586,37979	-57,73993	3,09667	-0,01162
1750 DN 15 (1/2")	107,95377	-168,30673	107,41918	-31,05562	3,15048	0,25106	0,00705
1750 DN 15R (1/2")	5359,81798	192,50579	-1251,90383	367,12016	-44,25352	2,67803	-0,00826
1750 DN 20 (3/4")	43,7809507	-89,9544281	70,7905359	-25,5701633	3,739281	0,0753958	0,009225
1750 DN 20R (3/4")	-10747,9917	9944,06452	-3597,01909	665,32832	-63,44732	3,33647	-0,01547
1750 DN 25 (1")	-0,4112796	0,4956086	0,4996213	-0,8333941	0,2075532	0,1436097	0,0082282
1750 DN 25R (1")	92,8579513	-156,9863134	97,3619558	-26,2053142	2,1242789	0,3293096	0,0072498
1750 DN 32 (1" 1/4)	0,061593	-0,356301	0,8030508	-0,8310863	0,3130692	0,1143682	0,0168022
1750 DN 40 (1" 1/2)	0,0084196	-0,0568451	0,1474436	-0,1663721	0,0396698	0,1119491	0,0162472
1750 DN 50 (2")	0,0006453	-0,0089433	0,0482919	-0,1200346	0,121375	0,0333955	0,0224197



1750 DN 15 (1/2") - A → B

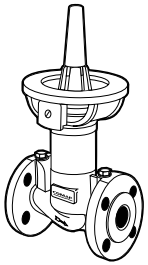


KV = 4,37

$$T/_{100} = t = 339,99564 \times \left(\frac{4,37}{10}\right)^6 + (-452,88221) \times \left(\frac{4,37}{10}\right)^5 + 22816053 \times \left(\frac{4,37}{10}\right)^4$$
$$+ (-51,4245) \times \left(\frac{4,37}{10}\right)^3 + 4,08222 \times \left(\frac{4,37}{10}\right)^2 + 0,28371 \times \left(\frac{4,37}{10}\right) + 0,00732 = 0,094$$

(T = t x 100)

T = 9



ΔP bar
ΔP mm Wk
CE
ΔP Pascal
m³/h-m³/u

DN 15 (P 1,5)
DN 20 (P 1,5)
DN 25 (P 1,5)
DN 32 (P 1,5)
DN 40 (P 2)
DN 50 (P 2)
DN 65 (P 2)
DN 80 (P 2)
DN 100 (P 3)
DN 125 (P 3)
DN 150 (P 3)
DN 200 (P 4)

DN 15
DN 20
DN 25
DN 32
DN 40
DN 50
DN 65
DN 80
DN 100
DN 125
DN 150
DN 200

DN 15 (P 6,6)
DN 20 (P 6,6)
DN 25 (P 6,6)
DN 32 (P 6,6)
DN 40 (P 7,5)
DN 50 (P 7,5)
DN 65 (P 10)
DN 80 (P 12)
DN 100 (P 12)
DN 125 (P 13,5)
DN 150 (P 17,5)
DN 200 (P 18)