

Flanged Static Balancing Valve

Fig. 8225

Stainless steel Body • Scale handwheel Drive • Measurement valve
• Flanged Type

Sizes 1 1/2" through 16"

SPECIFICATION

Design Standard: BS 7350

Connection Standard: EN 1092-2, ISO 7005, ANSI B16.5

Test Standard: BS 6755

TECHNICAL DATA

Working Pressure: 16 bar / 25 bar

Sizes: DN40 to DN400

Test Pressure: Shell: 1.5 x Working Pressure

Seat: 1.1 x Working Pressure

Flow Deviation: ≤5%

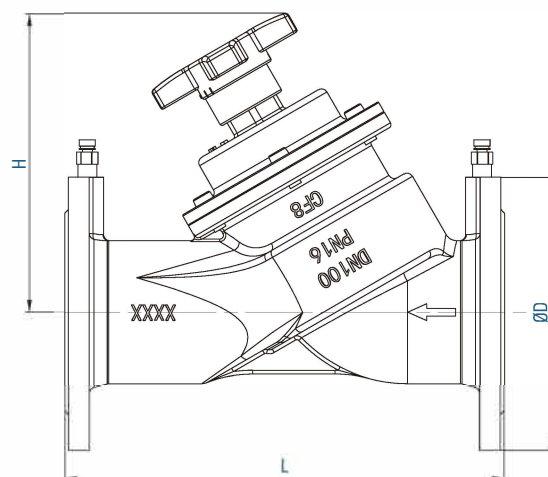
Working Temperature: -10°C to +110°C

-10°C to +130°C (optional)



MATERIAL LIST

Part	Material	Standard
Body	Stainless steel	CF8 / CF8M / Duplex steel
Bonnet	Stainless steel	CF8 / CF8M / Duplex steel
Stem	Stainless steel	SS 304 / SS316
Spool	Stainless steel	CF8 / CF8M / Duplex steel
Seal	PTFE / EPDM	-
HandWheel	ABS / DI	-
Measuring	Stainless steel	SS 304 / SS316



DIMENSIONS

Size	mm	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
	Inch	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16
L		200	230	290	310	350	400	480	600	730	850	980	1100
H		175	175	192	207	240	248	280	428	470	507	585	616
ØD(PN16/25)		150/150	165/165	185/185	200/200	220/235	250/270	285/300	340/360	405/425	460/485	520/555	580/620
KVs (m³/h)		43.6	43.6	86.2	119.7	197.9	314.0	405.8	795.1	1161.7	1586.2	2420	3050

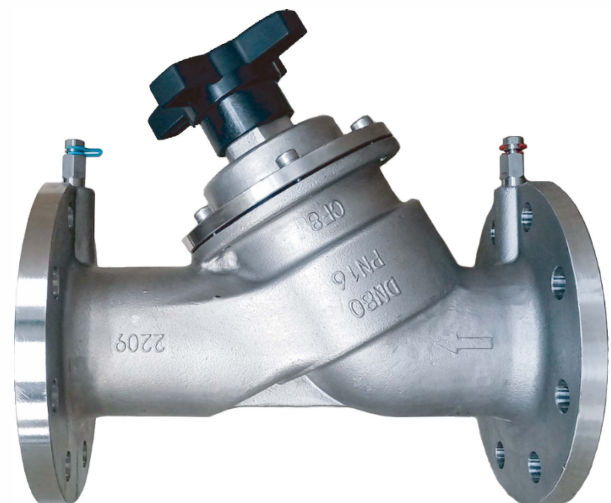
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Flanged Static Balancing Valve (continued)

Fig. 8225

OPENING - KV VALUE

DN Laps	DN40/50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
1	5.4	4.6	6.2	12.8	17.0	24.9	57.7	113.8	114.2	170.0	238.0
2	10.8	7.8	13.1	24.8	32.8	64.4	113.2	187.2	173.2	261.0	393.0
3	22.0	18.0	26.1	40.7	57.1	102.6	207.9	267.5	302.9	405.0	587.0
4	33.3	37.4	48.5	69.7	97.8	145.6	344.4	400.8	517.0	597.0	808.0
5	38.5	57.6	73.8	109.9	147.1	211.1	476.5	564.9	659.3	795.0	1100.0
6	41.8	68.8	92.5	139.2	200.6	267.0	560.1	724.8	822.2	1030.0	1440.0
7	43.6	75.7	104.8	163.4	238.0	336.3	622.1	781.0	1017.1	1246.0	1678.0
8	-	81.2	113.4	185.2	270.7	367.2	707.4	868.3	1136.9	1527.0	1946.0
9		86.2	119.7	197.9	314.0	405.8	761.2	993.2	1223.0	1707.0	2238.0
10		-	-	-	-	-	795.1	1053.7	1303.9	1884.0	2522.0
11							-	1111.3	1396.5	2048.0	2689.0
12								1161.7	1511.4	2162.0	2894.0
13								-	1586.2	2250.0	3050.0



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