

Flange Static Balancing Valve

Fig. 8220/25

Specification

Design in accordance with BS 7350
 Flanges comply with EN1092- 2 PN10 / PN16,
 ISO 7005, ANSI B16.5, GB/T 9119
 Pressure test according to standards BS6755, GB/T13927

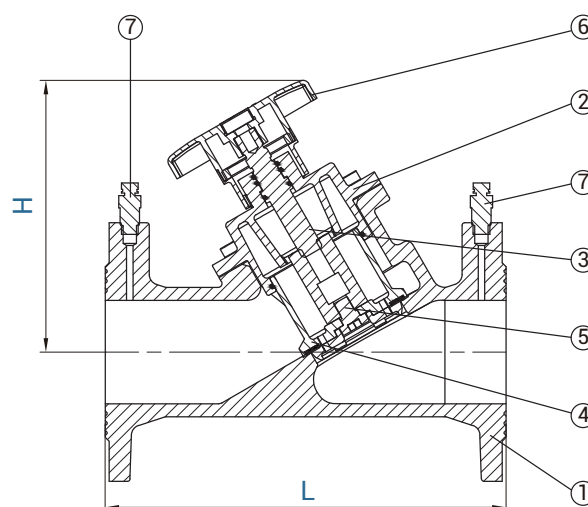
Technical data

Working Pressure: 16bar
 Dimensions: DN65~DN600
 Testing Pressure: Shell: 24 bar
 Seal: 17.6bar
 Working Temperature: - 10°C~120°C

Materials

Part	Material	Specification
Body	Ductile Iron	EN-JS 1040
Bonnet	Ductile Iron	EN-JS 1040
Stem	Brass	EN 12165 CW617N
Disc	Ductile Iron	EN-JS 1040
Bolts	Carbon Steel	-
Wheel	ABS	-
Testing valve	Brass	EN 12165 CW602N

Schema



Dimensions

Size	mm	DN40/50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
	Inch	1-1/2 / 2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
L		230	290	310	350	400	480	600	730	850	980	1100	1200	1250	1450
H		194	228	232	240	308	320	435	470	512	685	965	972	1065	1180
Flow Kv		70.5	84.5	118.0	187.4	263.9	400.8	726.9	1087.8	1276.2	2250.0	3050.0	3720.0	4180.0	5674.0
Head los K		3.78	3.78	5.24	9.53	6.98	5.35	6.26	5.57	6.43	11.40	12.40	13.10	13.50	13.90

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Opening-Kv

口径 圈数	DN40/50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
1	5.7	7.3	7.2	11.2	11.1	17.6	47.7	70.4	60.3	170.0	238.0	275.0	352.0	396.0
2	11.3	11.7	13.1	23.4	27.5	45.3	103.4	156.3	159.6	261.0	393.0	465.0	611.0	643.0
3	23.9	19.0	20.1	41.3	54.5	92.0	164.9	241.9	249.5	405.0	587.0	685.0	928.0	987.0
4	35.8	34.0	37.4	59.4	85.6	134.0	253.8	311.3	305.4	597.0	808.0	900.0	1289.0	1378.0
5	45.7	47.0	61.4	90.0	125.5	183.9	385.9	409.0	377.5	795.0	1100.0	1284.0	1634.0	1764.0
6	53.7	55.8	81.4	116.3	158.1	221.4	474.0	554.2	555.9	1030.0	1440.0	1634.0	1983.0	2118.0
7	62.0	67.2	100.6	142.5	194.1	298.5	558.0	683.1	691.2	1246.0	1678.0	1947.0	2413.0	2545.0
8	70.5	76.8	110.1	164.0	230.7	359.5	637.1	758.0	790.4	1527.0	1946.0	2364.0	2804.0	3054.0
9		84.9	118.0	187.4	263.9	400.8	699.2	826.0	933.3	1707.0	2238.0	2694.0	3212.0	3610.0
10							726.9	920.0	1036.6	1884.0	2522.0	2970.0	3528.0	4420.0
11								1010.9	1168.7	2048.0	2689.0	3270.0	3774.0	4698.0
12								1087.8	1232.2	2162.0	2894.0	3525.0	3992.0	4980.0
13									1276.2	2250.0	3050.0	3720.0	4180.0	5182.0