



MANUAL BALANCING VALVES - DOUBLE REGULATING VALVE- STAINLESS STEEL - DR200X



SPECIFICATIONS

DN mm	DN 50 - 600
DN inch	2 - 24"
Temperature	-20°C to 150°C
Pressure range	16
Connection	Flanges - EN 1092-2
Body material	Stainless steel CF8M
Application	Cold/hot water, glycol solution concentration < 50%, sea water
Tests Standard	Tightness test according to EN 12266-2
Options	Other specifications on request

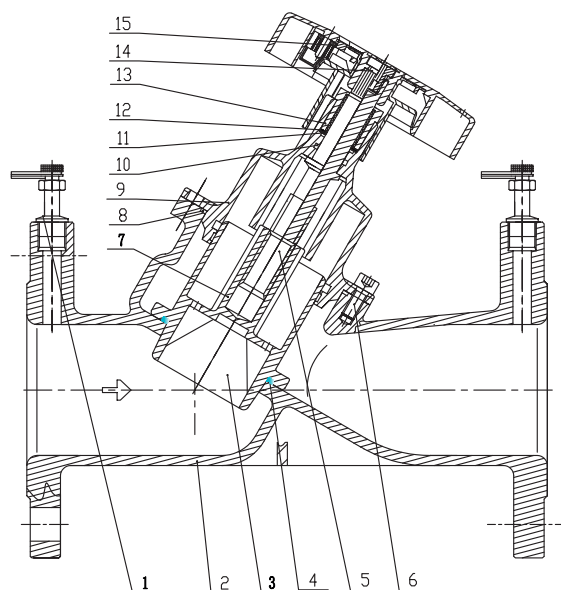
ADVANTAGES

- Omeax OS static balancing valve can be used in heating and cooling system to balance the flow.
- The digital hand wheel can display desired scale accurately (0.1cycle), which will allow operator to set the balancing valve quickly.
- The valve can lock the max flow at random position without affecting the valve opening and close. when the valve is locked, the valve can be set between 0 degree and max flow.
- Complete shut-off design Balanced valve core makes it easy to close the valve by rotating hand wheel regardless of the medium pressure.
- Self-sealing measuring plugs: two test plugs on the both ports of the valve. Use a "hydraulic Balancing debugging Instrument" to measure the differential pressure value. Then you can easily regulate the flow by handwheel.



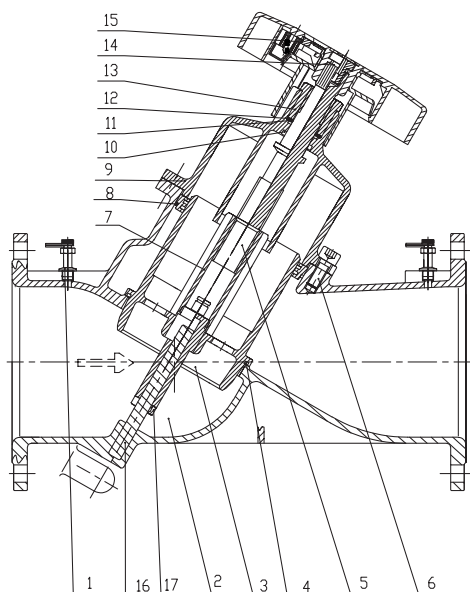
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PARTS LIST



DN 50-150

N°	Designation	Qty
1	Pipe Joint	2 Brass
2	Valve body	1 CF8M
3	Disc	1 CF8M
4	O-ring	1 NBR
5	Stem	1 Brass
6	Screw	1 A2-70
7	Stem nut	1 Brass
8	O-ring	1 NBR
9	Valve cover	1 CF8M
10	O-ring	1 NBR
11	Gasket	1 100Hv
12	Graphite gasket	1 Graphite
13	Hat	1 Brass
14	Screw plug	1 Brass
15	Handwheel	1 Plastic



DN 200-600

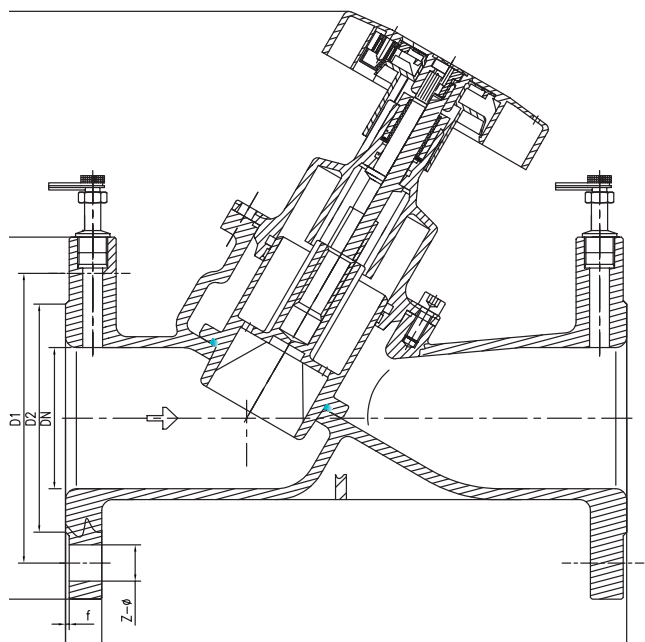
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11	Gasket	1 100Hv
12	Graphite gasket	1 Graphite
13	Hat	1 Brass
14	Screw plug	1 Brass
15	Handwheel	1 Plastic
16	Positioning rod	1 CF8M



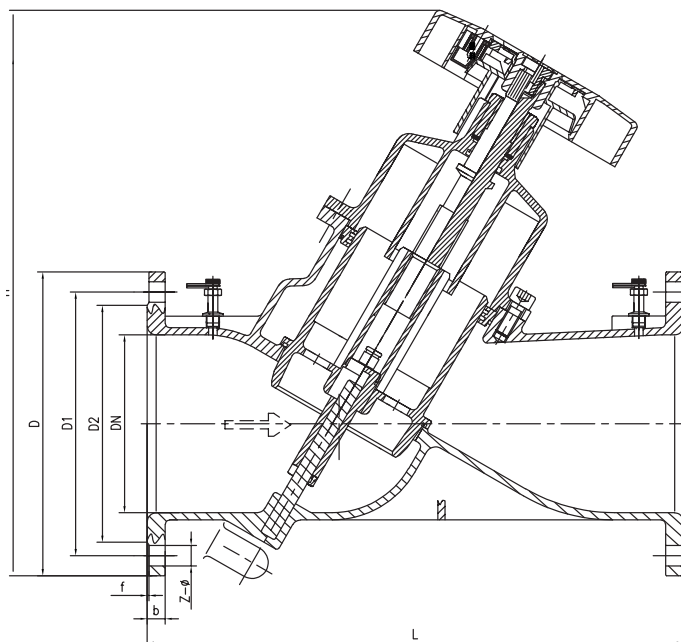
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DIMENSIONS

DN 50-150



DN 200-600



DN mm	DN inch	PN	PFA bar
50	2"	-	16
65	2 1/2"	-	16
80	3"	-	16
100	4"	-	16
125	5"	-	16
150	6"	-	16
200	8"	-	16
250	10"	-	16
300	12"	-	16
350	14"	-	16
400	16"	-	16
450	18"	-	16
500	20"	-	16
600	24"	-	16

DN	L	D	D1	D2	F	B	Z-Ø	H
50	230	165	125	99	2	20	4-Ø18	265
65	290	185	145	118	2	20	4-Ø18	285
80	310	200	160	132	2	20	8-Ø18	324
100	350	220	180	156	2	22	8-Ø18	355
125	400	250	210	184	2	22	8-Ø18	410
150	480	285	240	211	2	24	8-Ø22	477
200	600	340	295	263	2	24	12-Ø22	613
250	730	405	355	319	2	26	12-Ø26	740
300	850	460	410	370	2	28	12-Ø26	828
350	980	520	470	429	2	30	16-Ø26	970
400	1100	580	525	480	2	32	16-Ø30	1100
450	1100	640	585	548	2	40	20-Ø30	1200
500	1100	715	650	609	2	44	20-Ø33	
600	1300	840	770	720	2	54	20-Ø36	

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KV VALUE

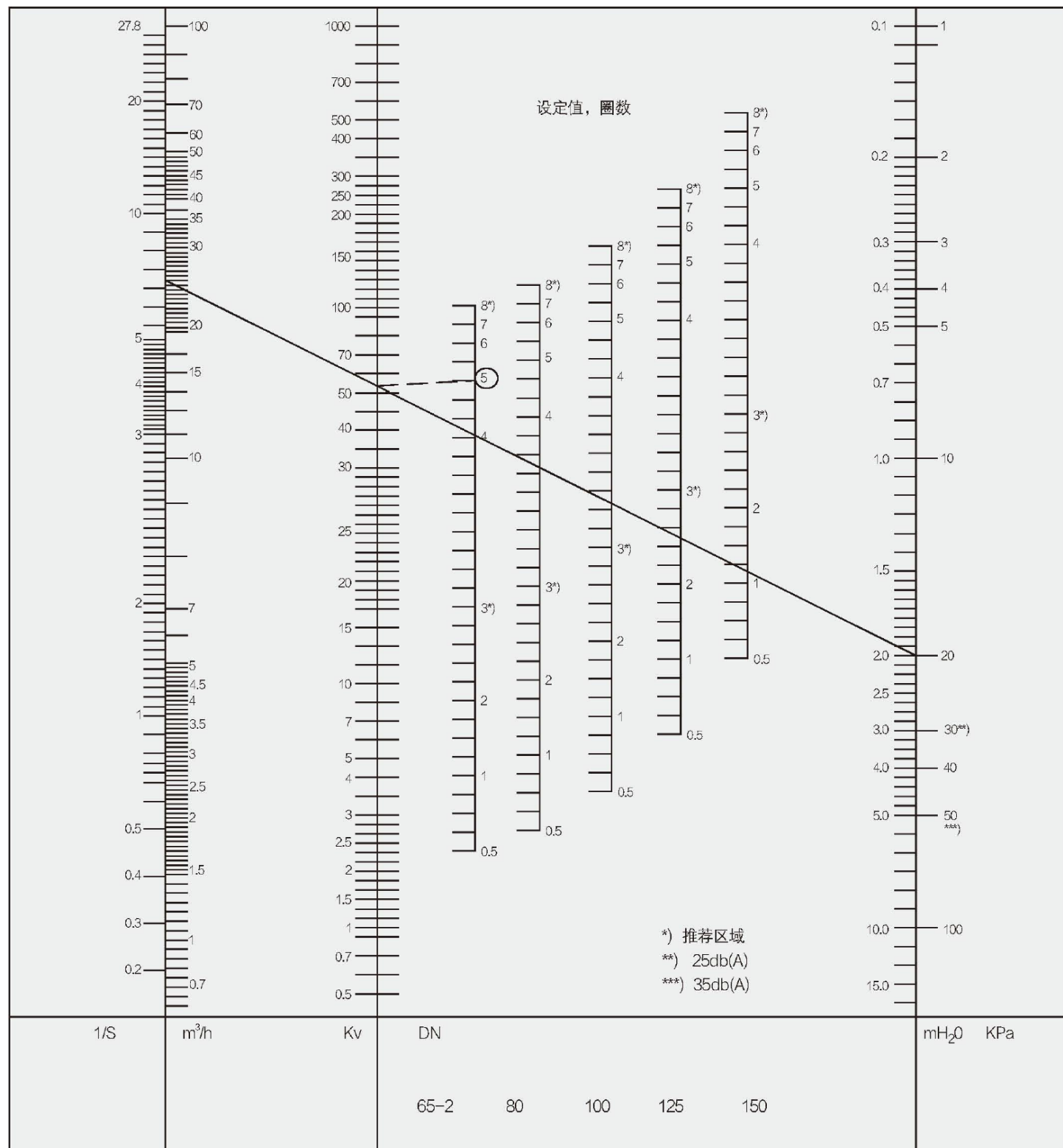
圈数	DN														
	20	25	32	40	50	65-2	80	100	125	150	200	250	300	350	400
0.5	0.511	0.61	1.14	1.76	2.56	1.8	2	2.6	5.4	6.6	-	-	-	-	-
1	0.756	1.04	1.91	3.30	4.2	3.4	4	6	10.4	12	-	-	-	-	-
1.5	1.18	2.10	3.10	4.60	7.1	4.8	6	9	15.4	22	-	-	-	-	-
2	1.90	3.61	4.65	6.10	11.8	6.6	8	11.5	21.5	40	40	90	-	-	-
2.5	2.80	5.31	7.11	8.81	16.1	9.3	11	16	27	65	50	110	-	-	-
3	3.88	6.90	9.50	12.5	21.5	16.3	14	26	36	100	65	140	150	109	125
3.5	4.76	8.00	11.9	16.0	26.4	25.5	19.6	44	55	135	90	195	230	129	148
4	5.71	8.71	14.1	19.1	33	35.4	29	63	83	169	120	255	300	148	171
4.5	-	-	-	-	-	44.5	41	80	114	207	165	320	370	170	208
5	-	-	-	-	-	52	55	98	141	242	225	385	450	207	264
5.5	-	-	-	-	-	60.6	68	115	167	279	285	445	535	254	326
6	-	-	-	-	-	66	80	132	197	312	340	500	620	302	386
6.5	-	-	-	-	-	73	92	145	220	340	400	545	690	352	449
7	-	-	-	-	-	77	103	159	249	367	435	590	750	404	515
7.5	-	-	-	-	-	80.6	113	175	276	391	470	660	815	471	590
8	-	-	-	-	-	85	120	190	300	420	515	725	890	556	680
9	-	-	-	-	-	-	-	-	-	-	595	820	970	784	894
10	-	-	-	-	-	-	-	-	-	-	650	940	1040	957	1140
11	-	-	-	-	-	-	-	-	-	-	710	1050	1120	1100	1250
12	-	-	-	-	-	-	-	-	-	-	765	1185	1200	1260	1400
13	-	-	-	-	-	-	-	-	-	-	-	-	1320	1420	1560
14	-	-	-	-	-	-	-	-	-	-	-	-	1370	1610	1730
15	-	-	-	-	-	-	-	-	-	-	-	-	1400	1760	1940
16	-	-	-	-	-	-	-	-	-	-	-	-	1450	1870	2140
17	-	-	-	-	-	-	-	-	-	-	-	-	-	1960	2280
18	-	-	-	-	-	-	-	-	-	-	-	-	-	2040	2410
19	-	-	-	-	-	-	-	-	-	-	-	-	-	2130	2530
20	-	-	-	-	-	-	-	-	-	-	-	-	-	2200	2630
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2710
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2780



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LINE GRAPH DN65 - 150

DN 65-150





LINE GRAPH DN200 - 400

DN 200-400

