



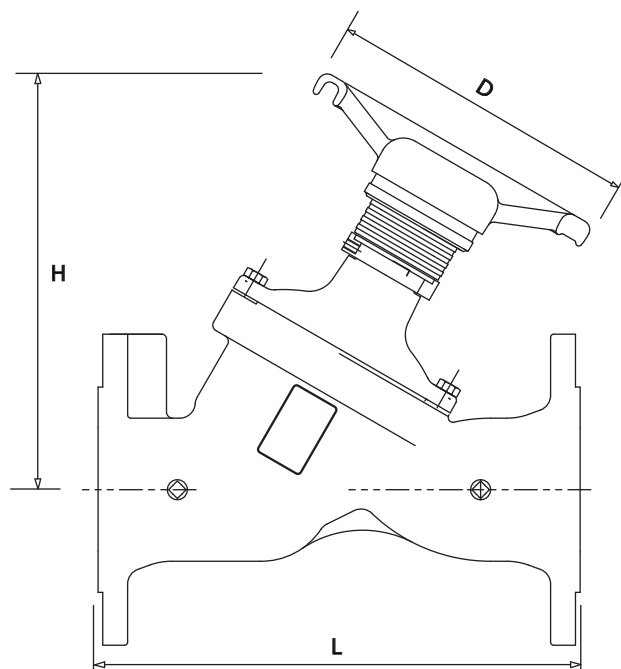
VARIABLE ORIFICE BALANCING VALVE

Model: KVS - 2872



SPECIFICATION

- Designed to BS7350
- Pressure Rating: PN16 / PN25
- Working Medium: Water
- Flanged to BS 4504 / BS EN1092
- EPDM Coated Disc
- Supplied with 2 DZR (CW602N) Test points
- Double Regulating (Memory Stop) device
- Flow Data available
- Other flange standards available upon request
- Other PN pressure ratings available upon request
- ANSI standards available upon request
- Superior to variable orifice DRV due to higher accuracy from integral fixed orifice
- Flow reading across fixed orifice +/-10%
- Valve must be installed fully in accordance with instructions.



MATERIALS

Description	Material
Body	Ductile Iron (EN-JL1050)
Disc	Ductile Iron (EN-JL1050 + EPDM)
Stem	Stainless Steel (BS970 410S21)
Bonnet	Ductile Iron (EN-JL1050)
Handwheel	Ductile Iron (EN-JL1050)
Plugs	DZR Brass

DIMENSIONS (mm)

Size		H	L	Ø
mm	Inches			
65	2 1/2"	265	290	200
80	3"	270	310	200
100	4"	310	350	240
125	5"	340	400	290
150	6"	340	480	290
200	8"	537	600	350
250	10"	570	780	420
300	12"	690	850	420
350	14"	730	980	420
400	16"	780	1100	420
450	18"	820	1200	420



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FLOW / RESISTANCE COEFFICIENTS (Kv VALUE)

VALVE Size	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300
0.5	5	3	4.5	10	10	-	-	-
1.0	10	6	9	20	20	21	-	-
1.5	12.5	10	14.5	32	31	-	-	-
2	15	14	20	44	42	40	100	100
2.5	19	17	24.5	53	63.5	-	-	-
3	23	20	29	62	85	57	138	155
4	29	31	37	86	137	72	176	210
5	39	46	52	128	217	120	301	341
6	57	68	80	198	284	185	426	471
7	74	94	114	230	351	250	594	610
8	85	111	146	250	380	315	762	749
9	-	-	-	-	-	390	889	872
10	-	-	-	-	-	470	1015	994
11	-	-	-	-	-	550	1113	1112
12	-	-	-	-	-	600	1211	1230
14	-	-	-	-	-	-	-	1369
16	-	-	-	-	-	-	-	1438
18	-	-	-	-	-	-	-	1521