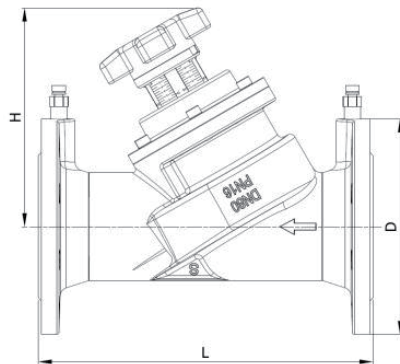


STAINLESS STEEL FLANGED STATIC BALANCING VALVE

■ Fig.1289-DF



CHARACTERISTIC

- Ideal flow regulation characteristics, with a linear relationship between relative flow and relative opening.
- Accurate valve opening indication, precise to 1% of the full valve opening.
- Reliable opening locking and memory function.
- Excellent shut-off function.
- The body, stem and core are available in SS304, SS316 and duplex stainless steel to meet different user requirements.

TECHNICAL SPECIFICATION

Design Standard	BS 7350
Testing Standard	BS 6755, BS EN 12266
Flange Connection Standard	BS EN 1092-2
Size	DN50 ~ DN400
Working Pressure	PN16 / PN25
Suitable Medium	Water, Concentration ≤ 50% Ethylene Glycol Solution
Working Temperature	-10°C ~ 120°C
Leakage Rate	BS 6755-1 Rate A

MAIN MATERIALS

No.	Part	Material	Specification
1	Body	Stainless Steel	SS304 (Default)/SS316/Duplex Steel
2	Stem	Stainless Steel	SS304 (Default)/SS316/Duplex Steel
3	Balanced Valve Core	Stainless Steel	SS304 (Default)/SS316/Duplex Steel
4	Sealing	EPDM (Default)/PTFE	--
5	Handwheel	DN50~DN300: ABS DN350~DN400: Ductile Iron	--
6	Pressure Tap	Stainless Steel	SS304 (Default)/SS316/Duplex Steel

DIMENSION

DN	L mm	H mm	D	
			PN16	PN25
50	230	214	165	165
65	290	222	185	185
80	310	257	200	200
100	350	275	220	235
125	400	332	250	270
150	480	396	285	300
200	600	498	340	360
250	730	555	405	425
300	850	630	460	485
350	980	733	520	555
400	1100	800	580	620

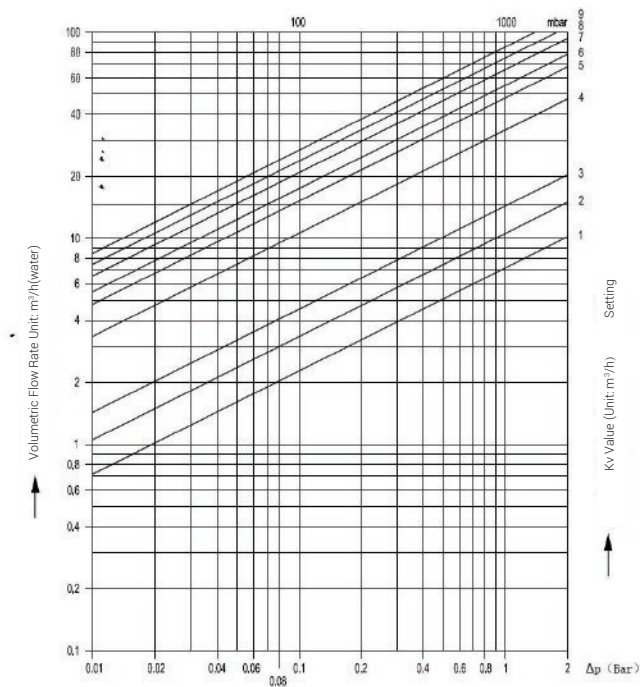
STAINLESS STEEL FLANGED STATIC BALANCING VALVE

■ Fig.1289-DF

Kv VALUE

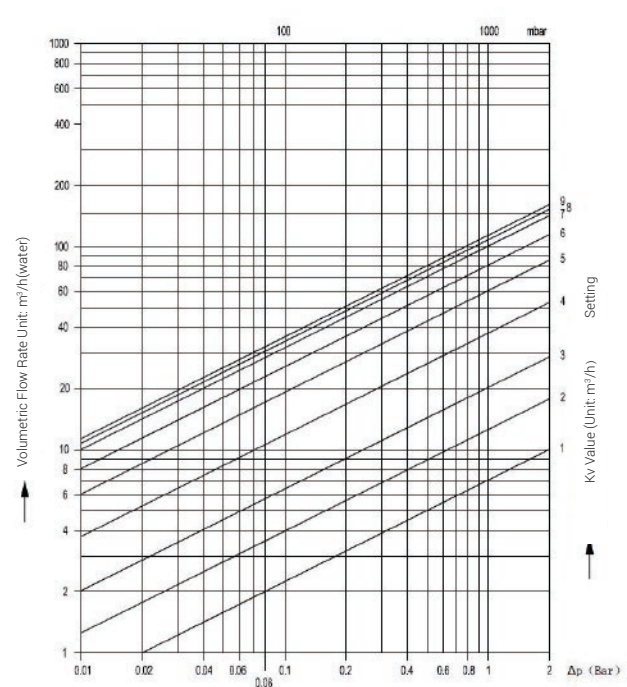
DN	Inch	Handwheel Turns												
		1	2	3	4	5	6	7	8	9	10	11	12	13
50	2"	10.0	21.1	31.6	37.8	41.9	45.1	48.7	55.6	--	--	--	--	--
65	2½"	7.3	11.7	19.0	34.0	47.0	55.8	67.2	76.8	84.9	--	--	--	--
80	3"	7.2	13.1	20.1	37.4	61.4	81.4	100.6	110.1	118.0	--	--	--	--
100	4"	11.2	23.4	41.3	59.4	90.0	116.3	142.5	164.0	187.4	--	--	--	--
125	5"	11.1	27.5	54.5	85.6	125.5	158.1	194.1	230.7	263.9	--	--	--	--
150	6"	17.6	45.3	92.0	134.0	183.9	221.4	298.5	359.5	400.8	--	--	--	--
200	8"	47.7	103.4	164.9	253.8	385.9	474.0	558.0	637.1	699.2	726.9	--	--	--
250	10"	70.4	156.3	241.9	311.3	409.0	554.2	683.1	758.0	826.0	920.0	1010.9	1087.8	--
300	12"	60.3	159.6	249.5	305.4	377.5	555.9	691.2	790.4	933.3	1036.6	1168.7	1232.2	1358.2
350	14"	170	261	405	597	795	1030	1246	1527	1707	1884	2048	2162	2250
400	16"	238	393	587	808	1100	1440	1678	1946	2238	2522	2689	2894	3050

DN65



Pressure drop is expressed in Pa (10^3 Pa, 1 mm H₂O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

DN80

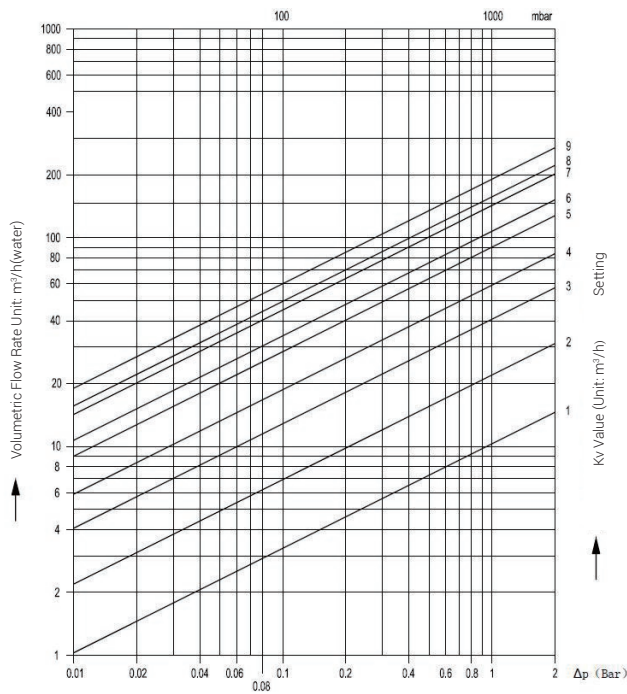


Pressure drop is expressed in Pa (10^3 Pa, 1 mm H₂O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

STAINLESS STEEL FLANGED STATIC BALANCING VALVE

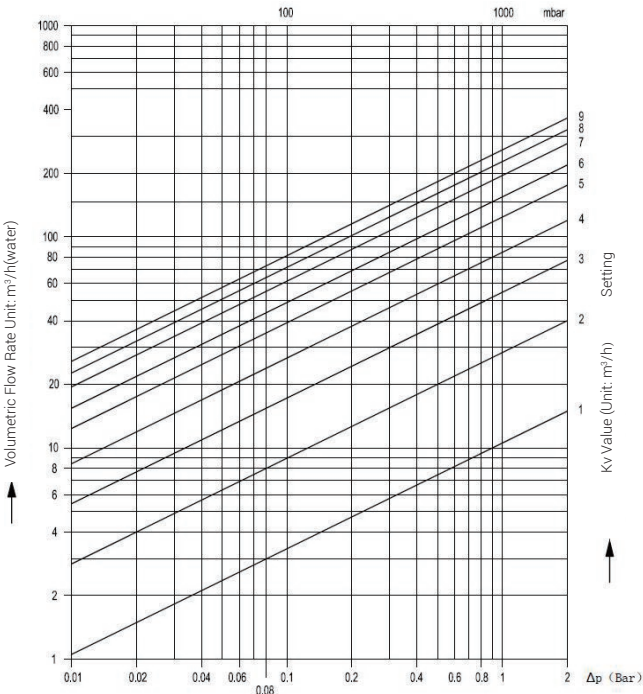
■ Fig.1289-DF

DN100



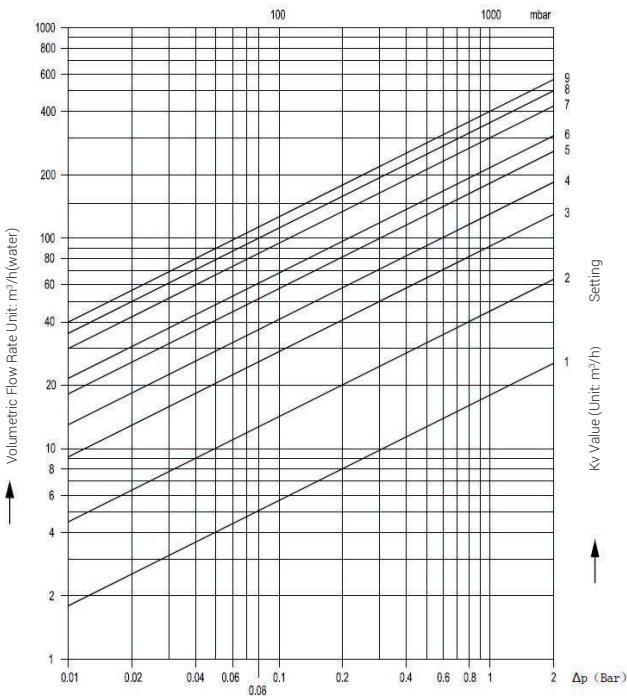
Pressure drop is expressed in Pa (10^3 Pa, 1mm H₂O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

DN125



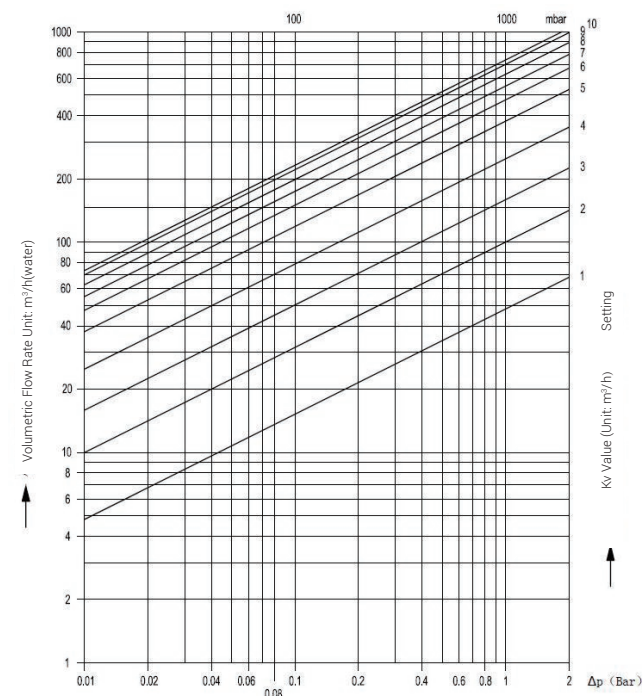
Pressure drop is expressed in Pa (10^3 Pa, 1mm H₂O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

DN150



Pressure drop is expressed in Pa (10^3 Pa, 1mm H₂O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

DN200

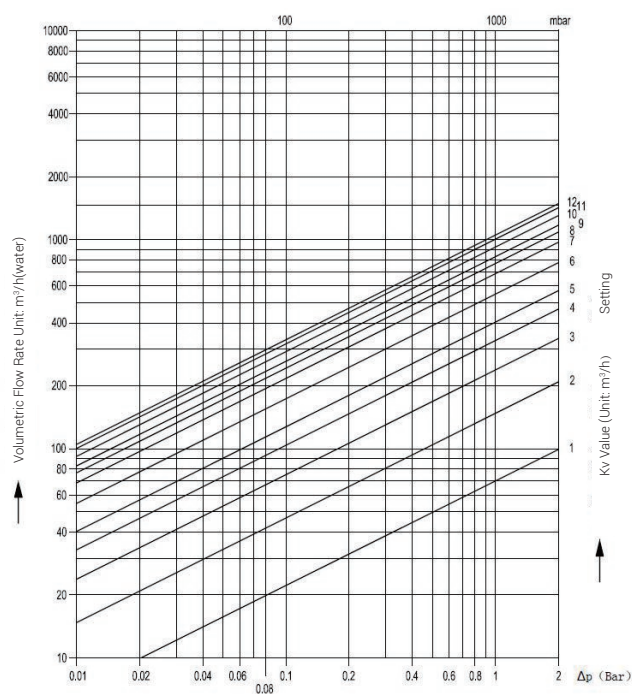


Pressure drop is expressed in Pa (10^3 Pa, 1mm H₂O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

STAINLESS STEEL FLANGED STATIC BALANCING VALVE

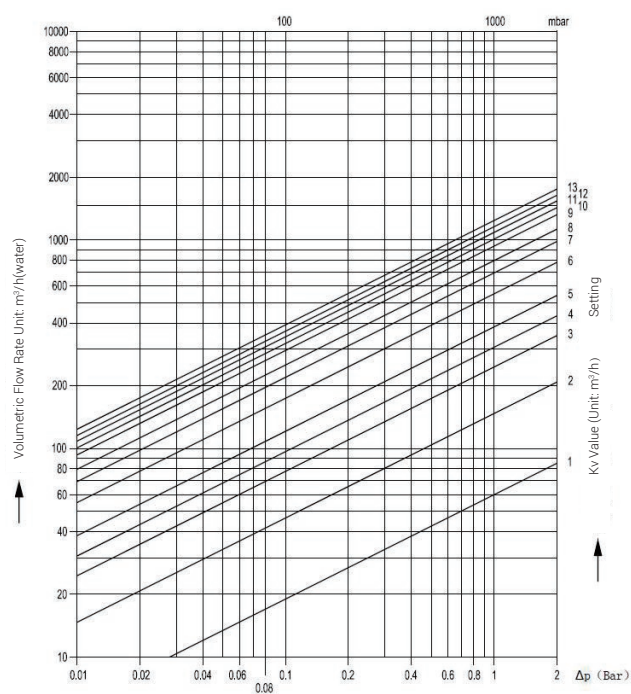
■ Fig.1289-DF

DN250



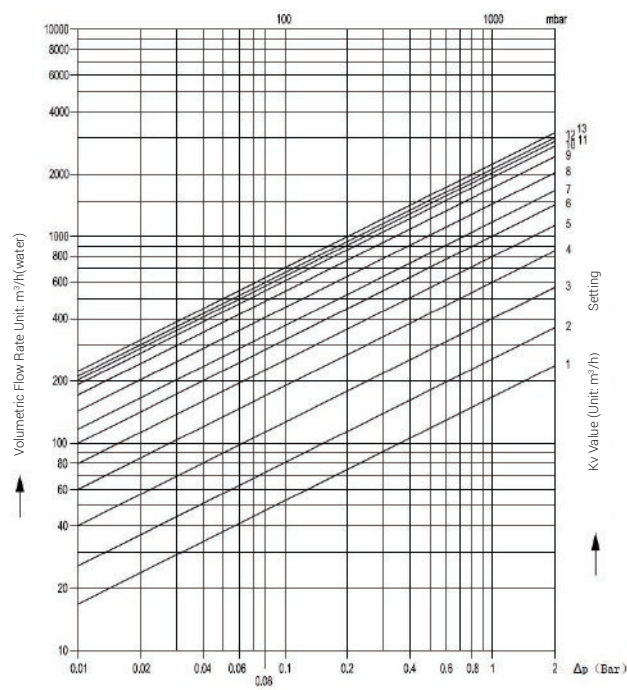
Pressure drop is expressed in Pa (10^3 Pa, 1mm H_2O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

DN300



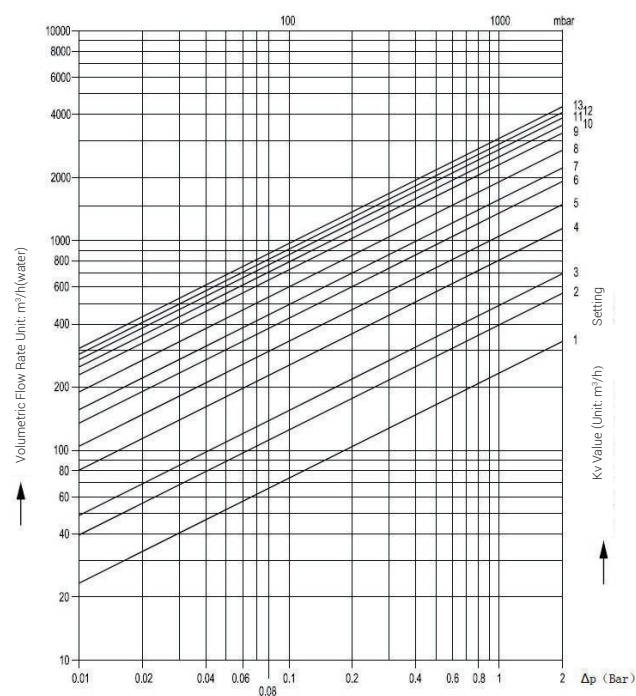
Pressure drop is expressed in Pa (10^3 Pa, 1mm H_2O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

DN350



Pressure drop is expressed in Pa (10^3 Pa, 1mm H_2O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa

DN400



Pressure drop is expressed in Pa (10^3 Pa, 1mm H_2O = 9.8066 Pa), 1 Bar = 0.1 MPa = 10^5 Pa