

Description

The ball valves VS serie are control valves with perfect sealing, that thanks to the shaping of the adjustment disk guarantees a percentage flow characteristic.



Technical specifications

Fluids type	Hot and cold water (with glycole max. 50%)
Fluid temperature	-5...+120°C
Nominal pressure	PN20
Control flow characteristics	Equal-percentage A-C
Max. differential pressure	3,5 bar (up to 2,5 bar for operations with low-noise)
Max. closing pressure	13 bar
Maintenance	Free
Valve	Forged brass
Plug and stem	Stainless steel

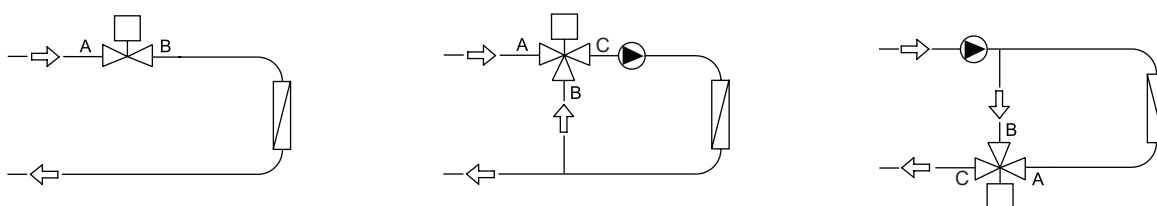


Models		DN	KV _s	Actuator type(*)	Actuator type	Actuator type with spring return(**)
2-way	3-way					
VS215	VS315	15	4.0	S4..	S5..V	SR5..
VS220	VS320	20	6.3	S4..	S5..V	SR5..
VS225	VS325	25	10	S4..	S5..V	SR5..
VS232	VS332	32	16	S8..	S5..V	SR10..
VS240	VS340	40	25	S8..	S10..V	SR10..
VS250	VS350	50	40	S16..	S10..V	SR15..
VS250B	VS350B	50	63	S16..	S10..V	SR15..
VS265	-	65	63	S16..		SR15..
VS280	-	80	100	S16..		SR15..
VS2100	-	100	120	S32..		-

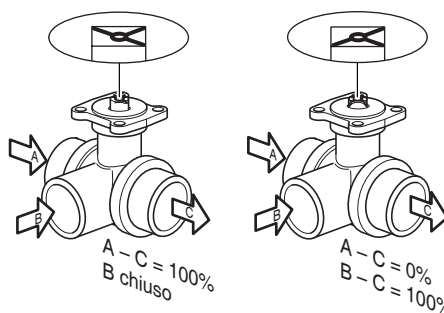
(*) For coupling valve and actuator adapter VSA is required

(**) For coupling valve and spring return actuator adapter VSAR is required

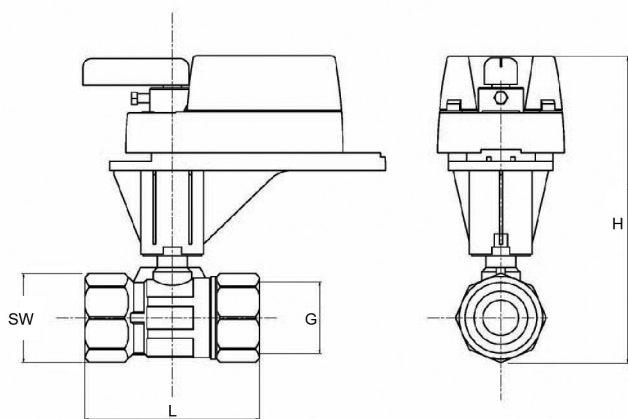
Installation



The direction of flow, specified by an arrow on the housing, is to be complied with, since otherwise the ball valve could become damaged. Please ensure that the ball is in the correct position (marking on the spindle).

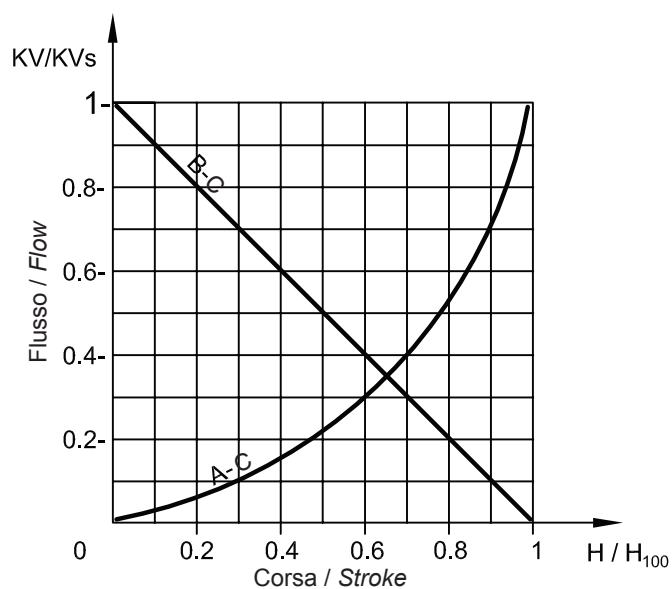


Dimensions (mm)



DN mm	G	L	H	SW	D	Flange	Weight 2 way (Kg)	Weight 3 way (Kg)
15	G 1/2	60	179,20	26	-	-	0,2	0,25
20	G 3/4	67	187,80	32	-	-	0,35	0,4
25	G 1"	89	193,80	39	-	-	0,55	0,7
32	G 1" 1/4	99	204	48	-	-	0,85	1,1
40	G 1" 1/2	106	212,80	56	-	-	1,2	1,4
50	G 2"	128	224,70	70	-	-	1,95	2,2
65	Flange 145	97	136	-	105	4-18	4,5	-
80	Flange 160	108	140	-	125	8-18	6,8	-
100	Flange 180	120	202	-	125	8-18	8,6	-

Control flow characteristics



A-C equal-percentage way
 B-C bypass lineare way
 3-way used as mixing inlet in A and B, outlet C
 3-way used as diverting inlet in C, outlet from A and B

C way constant flow
A way variable flow
B (bypass) way variable flow