

3- AND 4-PORT SLIPPER & BUTTERFLY VALVES PN 6 (10 ... 110 °C)

VSG ... - VSF ... - VFG ... - VFF ...

APPLICATION

Used as mixing or diverting valves to control temperature of circulating water in heating plants.

FEATURES

- Body and rotor in GG25 cast iron; spindle in stainless steel.
- Connections: DN 3/4" ... 2" threaded female; DN 40 ... 150 flanged.
- Rotation angle 90°; Linear control; Let by $\leq 1.5\%$ Kvs.



Code		DN	Kvs ⁽¹⁾ m³/h	Rotor ⁽³⁾	Length ⁽⁴⁾ mm.	Suitable actuators			Data sheet
						CVC	CVH	CVF	
3-port thre.d		inches				bar ⁽²⁾	bar ⁽²⁾	bar ⁽²⁾	
VSG 320		3/4"	13	slipper	130	0.3	0.5	—	M 931
VSG 325		1"	13	slipper	130	0.3	0.5	—	M 931
VSG 332		1"1/4	19	slipper	142	0.2	0.5	—	M 931
VSG 340		1"1/2	29	slipper	160	0.2	0.5	—	M 931
VSG 350		2"	57	slipper	190	0.2	0.5	—	M 931
VFG 320		3/4"	13	butterfly	130	0.3	0.5	—	M 931
VFG 325		1"	13	butterfly	130	0.3	0.5	—	M 931
VFG 332		1"1/4	19	butterfly	142	0.2	0.5	—	M 931
VFG 340		1"1/2	29	butterfly	160	0.2	0.5	—	M 931
VFG 350		2"	57	butterfly	190	0.2	0.5	—	M 931
3-port flanged		mm							
VSF 340		40	29	slipper	180	0.2	0.5	—	M 931
VSF 350		50	57	slipper	200	0.2	0.5	—	M 931
VSF 365		65	81	slipper	230	—	0.4	—	M 931
VSF 380		80	170	slipper	250	—	0.4	—	M 931
VSF 3100		100	240	slipper	280	—	0.3	0.5 ⁽⁵⁾	M 931
VSF 3125		125	470	slipper	300	—	—	0.5	M 931
VSF 3150		150	700	slipper	350	—	—	0.5	M 931
VFF 340		40	29	butterfly	180	0.2	0.5	—	M 931
VFF 350		50	57	butterfly	200	0.2	0.5	—	M 931
VFF 365		65	81	butterfly	230	—	0.4	—	M 931
VFF 380		80	170	butterfly	250	—	0.4	—	M 931
VFF 3100		100	240	butterfly	280	—	0.3	0.5 ⁽⁵⁾	M 931
VFF 3125		125	470	butterfly	300	—	—	0.5	M 931
VFF 3150		150	700	butterfly	350	—	—	0.5	M 931
4-port thre.d		inches							
VFG 420		3/4"	13	butterfly	130	0.3	0.5	—	M 931
VFG 425		1"	13	butterfly	130	0.3	0.5	—	M 931
VFG 432		1"1/4	19	butterfly	142	0.2	0.5	—	M 931
VFG 440		1"1/2	29	butterfly	160	0.2	0.5	—	M 931
VFG 450		2"	57	butterfly	190	0.2	0.5	—	M 931
4-port flanged		mm							
VFF 440		40	29	butterfly	180	0.2	0.5	—	M 931
VFF 450		50	57	butterfly	200	0.2	0.5	—	M 931
VFF 465		65	81	butterfly	230	—	0.4	—	M 931
VFF 480		80	170	butterfly	250	—	0.4	—	M 931
VFF 4100		100	240	butterfly	280	—	0.3	0.5 ⁽⁵⁾	M 931
VFF 4125		125	470	butterfly	300	—	—	0.5	M 931
VFF 4150		150	700	butterfly	350	—	—	0.5	M 931

(1) : Kvs – Flow coefficient: Flow in m³/h with valve open and pressure drop of 100 kPa.

100 kPa = 10 mWG = 1 bar

(2) : bar = Maximum pressure differential (Δp max) permitted by actuator.

(3) : Type of rotor. For 3-port valves: slipper = left or right lateral port always open; butterfly = central port always open.

(4) : Length flange to flange.

(5) : Coupling possible only with AVF 171 linkage.