

### 3- AND 4-PORT BUTTERFLY VALVES PN 6 THREADED

## VFG 3.. - VFG 4..

#### 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 = 1.5 % Kvs.

Code	DN	Kvs <sup>(1)</sup> m <sup>3</sup> /h	Rotor <sup>(3)</sup>	Length (4) mm.	Suitable actuator			Notes	Data Sheet
					CVC ...	CVH ... bar(2)	CVC ... bar(2)		
VFG 320	3/4"	13	butterfly	130	–	0,5	0,3		M 931
VFG 325	1"	13	butterfly	130	–	0,5	0,3		M 931
VFG 332	1"1/4	19	butterfly	142	–	0,5	0,2		M 931
VFG 340	1"1/2	29	butterfly	160	–	0,5	0,2		M 931
VFG 350	2"	57	butterfly	190	–	0,5	0,2		M 931
VFG 420	3/4"	13	butterfly	130	–	0,5	0,3		M 931
VFG 425	1"	13	butterfly	130	–	0,5	0,3		M 931
VFG 432	1"1/4	19	butterfly	142	–	0,5	0,2		M 931
VFG 440	1"1/2	29	butterfly	160	–	0,5	0,2		M 931
VFG 450	2"	57	butterfly	190	–	0,5	0,2		M 931

1) : Kvs - Flow coefficient: Flow in n m<sup>3</sup>/h with valve open and pressure drop of 100 kPa.

100 kPa = 10 mWG = 1 bar

(2) :  $\Delta p$  max. - Maximum pressure differential  $\Delta p$  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.