## 3-PORT SLIPPER VALVES PN 6 FLANGED (10...110 °C)

# VSF 3..

### 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(1) m³/h | Rotor (3) | Length (4) mm. | Suitable actuator | | | Notes | Data Sheet |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | CVC ... | CVH ... bar(2) | CVC ... bar(2) | | |
| **VSF 340** | 40 | 29 | slipper | 180 | – | 0,5 | 0,2 | | M 931 |
| **VSF 350** | 50 | 57 | slipper | 200 | – | 0,5 | 0,2 | | 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 | 0,5 (5) | 0,3 | – | 5 | M 931 |
| **VSF 3125** | 125 | 470 | slipper | 300 | 0,5 | – | – | | M 931 |
| **VSF 3150** | 150 | 700 | slipper | 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 mCA = 1 bar
(2) : Δp max. - Maximum pressure differential (?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.