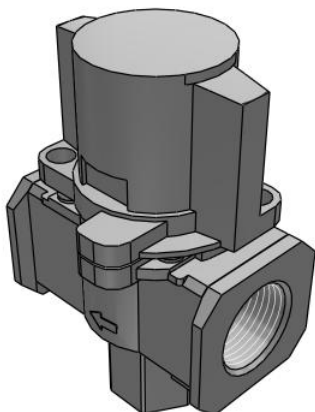




## Single Action - VHS VHS50-F10B-S-R

### Datasheet

### General series information

- **This product is being discontinued and will be replaced by VHS-D series. Update details here.**
- Modular connection type for connecting to FRL units
- Flow rate up to 8270 l/min
- Energy saving: zero air bleeding while switching the handle
- OSHA standard compliant (US standard)
- With built-in silencer for EXH port as an option.



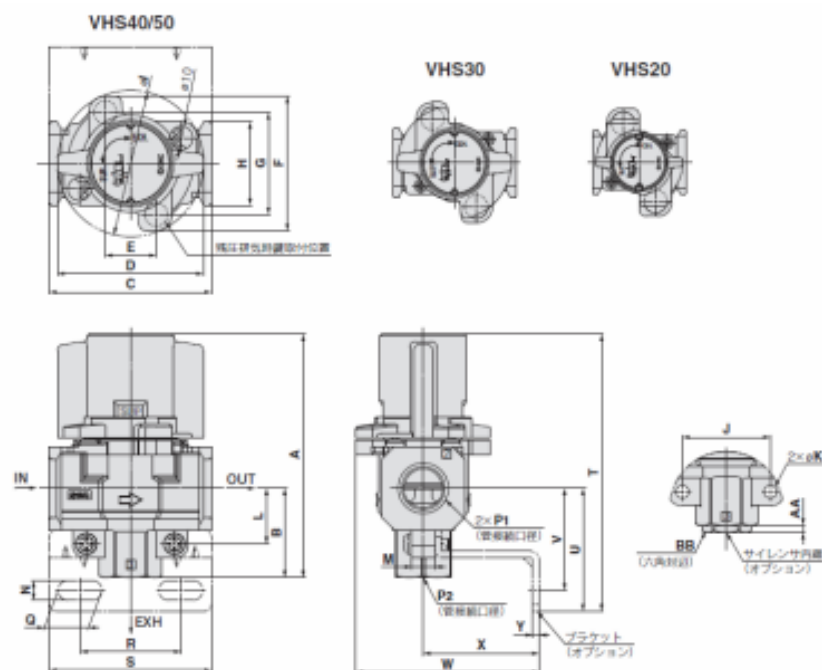
Directional control valve 3/2-way valve, closed normal position With mechanical control spring, with mechanical component detent control Return with general manual control

### Standard specifications

|                             |                                          |
|-----------------------------|------------------------------------------|
| Body Size                   | 50                                       |
| Thread                      | F (G)                                    |
| Port Size                   | 10 (1)                                   |
| Handle/Bonnet Material      | B (Aluminium)                            |
| Options                     | S (Built-in Silencer, EXH Port)          |
| Semi-standard               | R (Flow direction: right to left)        |
| Made to Order               | None                                     |
| Pressure medium             | Air; Air                                 |
| Maximum operating pressure  | 1.0 MPa                                  |
| Minimum operating pressure  | 0.01 MPa                                 |
| Proof pressure              | 1.5 MPa                                  |
| Maximum ambient temperature | 60 °C; 60 °C                             |
| Minimum ambient temperature | -5 °C (No freezing); -5 °C (No freezing) |
| Approvals                   | No need; No need                         |
| Paint colour                | Handle: Red<br>Body: White               |
| Handle switching angle      | 90°                                      |

|        |          |
|--------|----------|
| Weight | 0.645 Kg |
|--------|----------|

## Dimensions



### 外形寸法

外形寸法

(mm)

| 型式       | 標準仕様        |     |       |      |    |      |    |      |      |    |      |    |     |      |    |
|----------|-------------|-----|-------|------|----|------|----|------|------|----|------|----|-----|------|----|
|          | P1          | P2  | A     | B    | C  | D    | E  | F    | G    | H  | I    | J  | K   | L    | M  |
| VHS20    | 1/8-1/4     | 1/8 | 66.4  | 22.3 | 40 | 37.5 | 14 | 46.6 | 33.6 | 28 | 37.5 | 24 | 4.5 | 14.8 | 9  |
| VHS30    | 1/4-3/8     | 1/4 | 80.3  | 29.4 | 53 | 49   | 19 | 52   | 38   | 30 | 49   | 30 | 4.5 | 19   | 9  |
| VHS40    | 1/4-3/8-1/2 | 3/8 | 104.9 | 38.5 | 70 | 63   | 22 | 58   | 44   | 36 | 63   | 38 | 5.5 | 24   | 10 |
| VHS40-06 | 3/4         | 1/2 | 110.4 | 42   | 75 | 63   | 22 | 58   | 44   | 44 | 63   | 43 | 5.5 | 26   | 10 |
| VHS50    | 3/4-1       | 1/2 | 134.3 | 53   | 90 | 76   | 26 | 76   | 61   | 53 | 81   | 50 | 6.5 | 31   | 12 |

| 型式       | オプション仕様 |      |      |    |       |      |      |      |    |     |         |    |
|----------|---------|------|------|----|-------|------|------|------|----|-----|---------|----|
|          | ブラケット付  |      |      |    |       |      |      |      |    |     | サイレンサ内蔵 |    |
|          | N       | Q    | R    | S  | T     | U    | V    | W    | X  | Y   |         |    |
| VHS20    | 5.4     | 8.4  | 27   | 40 | 75.4  | 31.3 | 25.3 | 53.3 | 30 | 2.3 | 3       | 12 |
| VHS30    | 6.5     | 10   | 36.5 | 53 | 90.9  | 40   | 33   | 67   | 41 | 2.3 | 3       | 14 |
| VHS40    | 8.5     | 19   | 43.5 | 70 | 119.4 | 53   | 44   | 79   | 50 | 2.8 | 3       | 19 |
| VHS40-06 | 8.5     | 19   | 43.5 | 70 | 123.4 | 55   | 46   | 79   | 50 | 2.8 | 4       | 22 |
| VHS50    | 11      | 27.5 | 49.5 | 90 | 152.3 | 71   | 60   | 108  | 70 | 3.2 | 4       | 22 |

*Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.*

## Additional information

|                           |                                              |
|---------------------------|----------------------------------------------|
| Catalogue                 | <a href="#">VHS-A_EU.pdf</a>                 |
| Declaration of conformity | <a href="#">newDoc_VHS-A_TF1V403EN-A.pdf</a> |
| Operation manuals         | <a href="#">OM_VHS_OMQ0023EN-D.pdf</a>       |