

Hand shut-off valves

Type SPV2

NG 5 or 8
up to 32 l/min, up to **1000 bar**

Features

- Leakage free
- Smooth-running
- Both ports for maximum pressure



Applications

- For in-line mounting
- For manual opening and closing

Design

- Poppet valve
- Hand shut-off valves with threaded connection



Technical data

| | | | |
|-----------------------------|--|----------------|---|
| Hydraulic fluid | mineral oil according to DIN 51524 (other fluids on request) | | |
| Fluid temperature range | -20 to 80 °C | | |
| Ambient temperature range | -30 to 50 °C | | |
| Viscosity range | 5 to 400 mm ² /s | | |
| Nominal size | NG 5 or 8 | | |
| Max. operating pressure | NG 5: 1000 bar NG 8: 1000 bar | | |
| Max. flow rate | NG 5: 20 l/min NG 8: 32 l/min | | |
| Filtration (recommendation) | according to NAS 1638 class 6 resp. ISO/DIN 4406 17/15/12 | | |
| Weight | see overview "Product information" | | |
| Material | NG 5: | valve body: | galvanized steel, black chromated |
| | | rotation knob: | plastic |
| | NG 8: | valve body: | corrosion-resistant, heat-treated steel |
| | | cap: | aluminium |
| | | rotation knob: | plastic |

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Type code

| Example | | SPV | 2 | - | 5 | - | R | - | 1000 | - | H | - | V | - | A | | 00 |
|-------------------------|----------|-------------------------|---|---|---|---|---|---|------|---|---|---|---|---|---|--|--|
| Hand shut-off valves | | | | | | | | | | | | | | | | | Design 00 ... 99 for internal purposes |
| Size | 2 | | | | | | | | | | | | | | | | Index Please leave blank for internal purposes |
| Nominal size | 5 8 | | | | | | | | | | | | | | | | Design revision for internal purposes |
| Design | R | Connection in-line body | | | | | | | | | | | | | | | |
| Max. operating pressure | 1000 bar | | | | | | | | | | | | | | | | |
| Control method | H | handwheel | | | | | | | | | | | | | | | |
| Seal material | V | FKM | | | | | | | | | | | | | | | |

Product information

| type | nominal size | max. flow rate [l/min] | max. operating pressure [bar] | weight [kg] | part No. |
|------------------------|--------------|------------------------|-------------------------------|-------------|----------|
| SPV2-5-R-1000-H-V-A*00 | 5 | 20 | 1000 | 0,7 | 3673697 |
| SPV2-8-R-1000-H-V-A*00 | 8 | 32 | 1000 | 1,3 | 4054646 |

Hydraulic schematics



