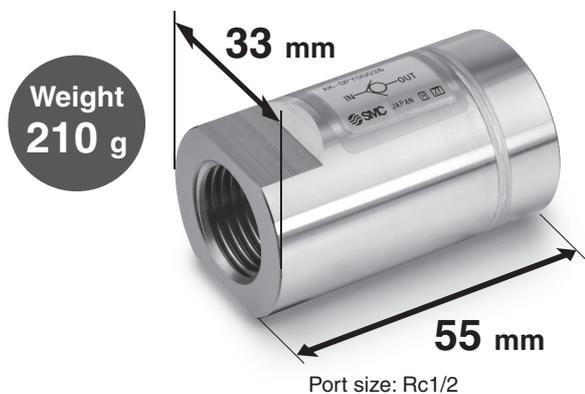
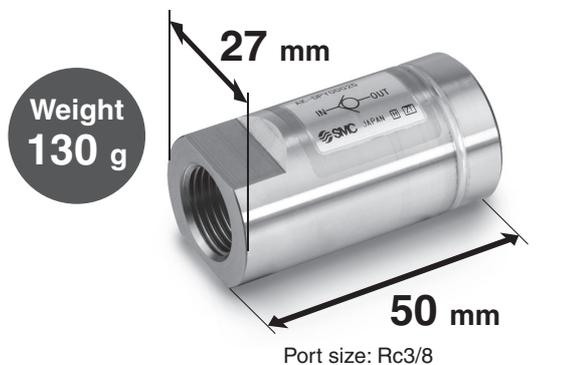


High Pressure Coolant Check Valve

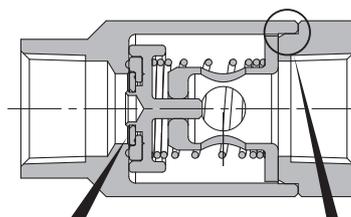
RoHS

Max. operating pressure: 15 MPa

■ Compact and lightweight



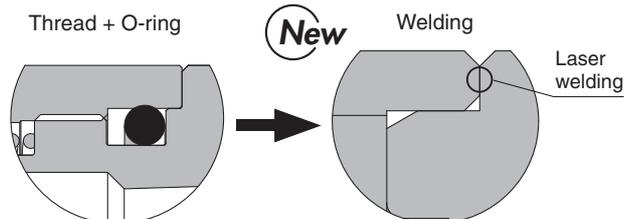
■ Structure that prevents foreign matter from piling up around the main valve



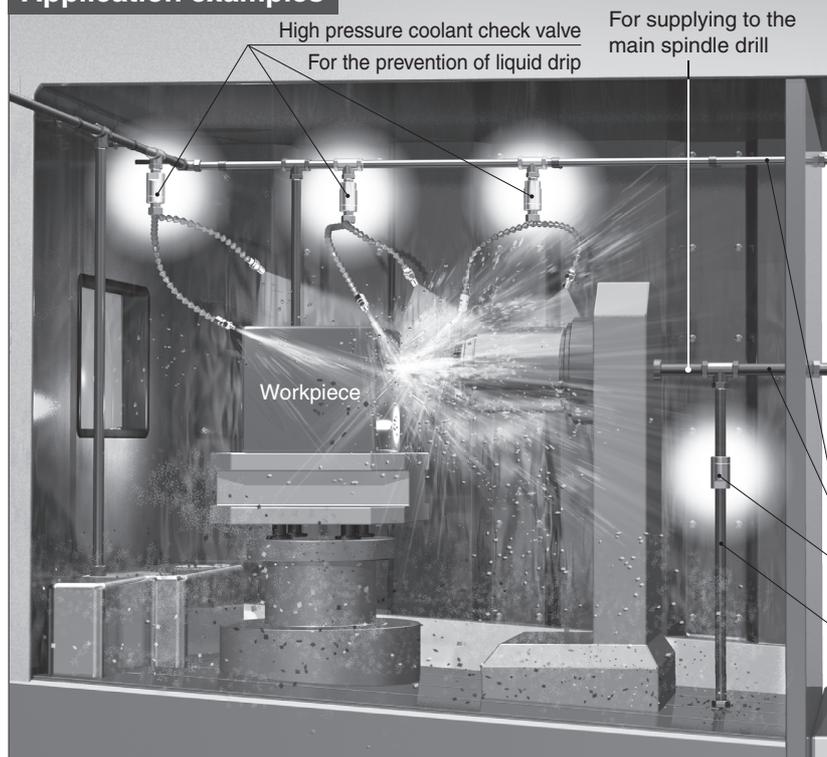
High seal reliability

Valve leakage: 1 ml or less

Laser-welded connection prevents looseness



Application examples



Related Products

* Refer to the catalogue on <https://www.smc.eu> for details.

Low-pressure lines

For checking low pressure



Medium- and high-pressure lines

For checking high pressure



Coolant blow line

High pressure coolant check valve
For coolant backflow prevention

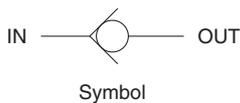
Air blow line

AK-DPY00025/26



21-EU775-UK

AK-DPY00025/26



Model

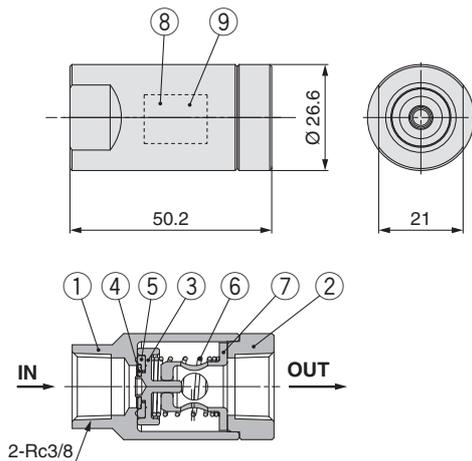
| Model | Port size | |
|-------------|-----------|-------|
| | Rc3/8 | Rc1/2 |
| AK-DPY00025 | ● | — |
| AK-DPY00026 | — | ● |

Specifications

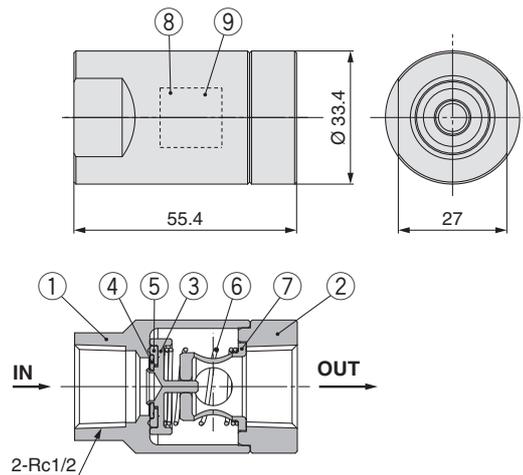
| | |
|--------------------------------|---|
| Fluid | Coolant (Liquid that does not corrode the material used) |
| Proof pressure | 22.5 MPa |
| Max. operating pressure | 15 MPa |
| Min. operating pressure | 0.1 MPa |
| Ambient and fluid temperatures | -10 to 60 °C (No freezing) |
| Port size | Rc3/8, Rc1/2 |

Construction/Dimensions

AK-DPY00025



AK-DPY00026



Component Parts

| No. | Description | Material |
|-----|------------------------|---------------------|
| 1 | Body A | Stainless steel 304 |
| 2 | Body B | Stainless steel 304 |
| 3 | Valve A | Stainless steel 303 |
| 4 | Valve B | Stainless steel 303 |
| 5 | Valve seal | FKM |
| 6 | Spring | Stainless steel 304 |
| 7 | Stopper | Stainless steel 303 |
| 8 | Heat-transferred label | PET |
| 9 | Over laminate | PET |

* Laminated to prevent peeling of the nameplate

SMC Corporation

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