Small - Non-Return Valve

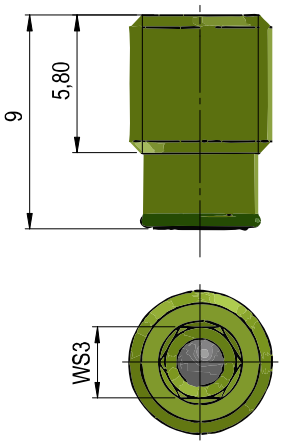
Non return valve ND2, up to 320 bar

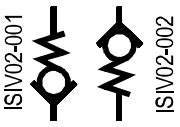
Advantages:

- ✓ **Suitable for high pressure areas**
- ✓ **Dismountable and reusable**
- ✓ **Suitable for high temperatures**
- ✓ **Simple mounting hole**
- ✓ **Valve combinations possible**
- ✓ **Space-saving installation**

Details

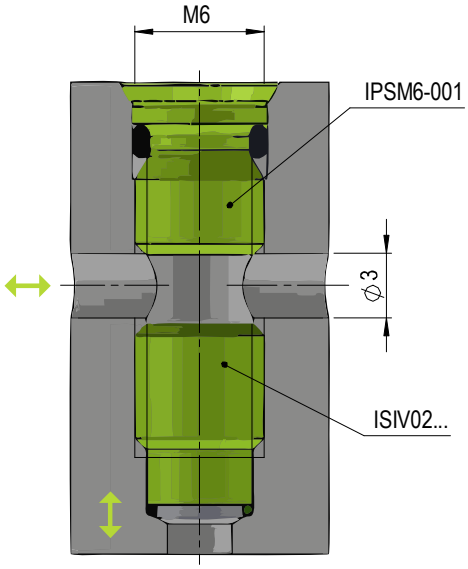
Flow against installation direct.	**ISIV02-001**
Flow in installation direction	**ISIV02-002**
Max. working pressure	320 bar
Cracking pressure	1,6 bar
Volume flow, hydraulic	1-25 l/min
Volume flow, pneumatic	10-90 l/min
Thread	M6
Sealing	metallic
Material	stainless steel
Back-up Seal	FPM
Allen key	3 mm
Max. working temperature	180°C
Nominal diameter	2
Torque	6-7 Nm





NOTE:
The O-ring as a back-up seal is not absolutely necessary. This is only necessary if the drilling angle is between170°-180°.
Temperatures of up to 300°C can also be achieved without this back-up seal.
In order to avoid damage to the O-ring during mounting, it should be inserted in the hole before inserting the valve, if possible.

Example



The example shows the use of the non-return valve in combination with our plug screw (IPSM6-001).

The threaded hole M6 therefore can be relatively simple.

Both elements enable a very space-saving installation.

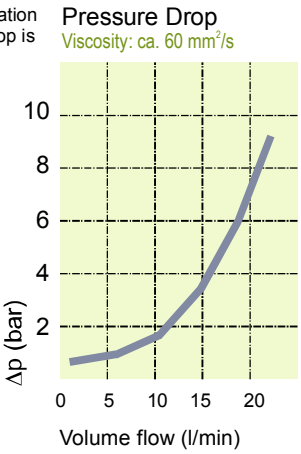
The thread depth in this example would be approx. 20 mm.

The advantage of both elements is that they can be dismantled.

Details for the plug screws can be found in data sheet V005 (thread sealing plugs).

Diagram

The representation of pressure drop is in the practice related to the temperature, viscosity and other environ-ment exercise factors.



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