



# HVF.

## Visual flow indicators

Technopolymer ends



### Main specifications

#### Ends

Polypropylene based (PP) technopolymer, black colour, matte finish.

#### Axis and rotor propeller

Polypropylene based (PP) technopolymer, red colour.

#### Tubular window

PYREX® glass, high-resistance, also suitable for use with glycol-based solutions.

Maximum visibility of the flow from all angles.

#### Tie rods

Nickel-plated brass.

#### Standard executions

Cylindrical gas thread according to UNI ISO 228/1.

- **HVF.**: brass bosses and NBR synthetic rubber gasket.
- **HVF-SST**: AISI 316 stainless steel bosses and packing ring in VITON®\*\*.

#### Maximum continuous working temperature

100° C.

### General information

#### Features and applications

The indicator can be mounted in any position.

In case of mounting on rigid tubes, it is recommended to place the indicator perfectly aligned with the tubes.

The indicator operates with two-way liquid flows.

For rotating the propeller it is required a minimum fluid flow rate (Q\*\*) depending on the type of fluid and its viscosity (shown in cSt, see table)

#### Other executions

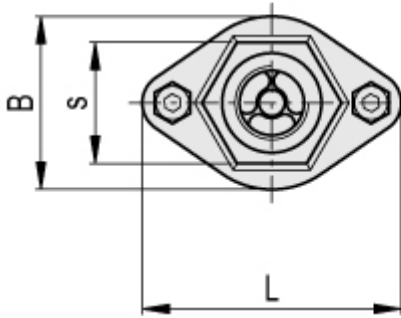
#### Special executions on request

- Bosses with NPT conical threads.
- Axis and rotor propeller in blue colour.

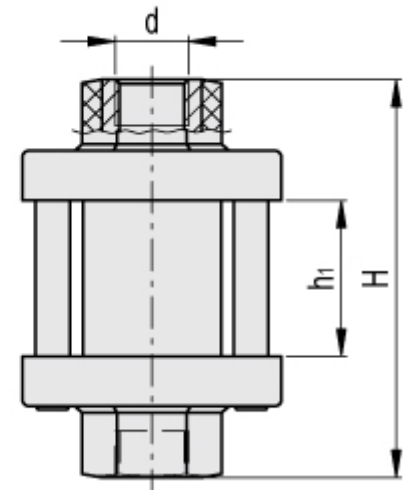
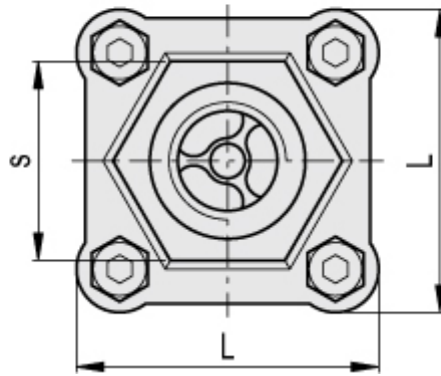
\* Registered trademark by Corning Inc.

\*\* Registered trademark by DuPont Dow Elastomers.

HVF. (66 - 92)  
HVF-SST (66 - 92)



HVF. (114)  
HVF-SST (114)



HVF.

Code	Description	d	H	L	B	h <sub>1</sub>	s	Q max* l/min	P max # Bar	Q** l/min H <sub>2</sub> O	Q** l/min 0÷40 cSt	Q** l/min 41÷150 cSt	ΔP max ## Bar	Weight
<b>111301</b>	HVF.66-1/4	1/4	66	44	27	22	20	10	25	0.6	2.5	3.5	0.15	74
<b>111311</b>	HVF.92-3/8	3/8	92	60	40	36	28	20	15	1.2	3	4	0.25	176
<b>111321</b>	HVF.92-1/2	1/2	92	60	40	36	28	40	15	1.2	3	4	0.3	167
<b>111331</b>	HVF.114-3/4	3/4	114	70	-	46	46	60	12	2.1	3.7	5	0.17	663
<b>111341</b>	HVF.114-1	1	114	70	-	46	46	80	12	2.1	3.7	5	0.15	667

HVF.

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<b>111302</b>	HVF.66-SST-1/4	1/4	66	44	27	22	20	10	25	0.6	2.5	3.5	0.15	74
<b>111312</b>	HVF.92-SST-3/8	3/8	92	60	40	36	28	20	15	1.2	3	4	0.25	176
<b>111322</b>	HVF.92-SST-1/2	1/2	92	60	40	36	28	40	15	1.2	3	4	0.3	167
<b>111332</b>	HVF.114-SST-3/4	3/4	114	70	-	46	46	60	12	2.1	3.7	5	0.17	663
<b>111342</b>	HVF.114-SST-1	1	114	70	-	46	46	80	12	2.1	3.7	5	0.15	667

- \* Maximum flow rate
- # Maximum pressure
- \*\* Minimum flow rate to start the rotor for fluids of different viscosity
- ## Pressure drop due to the indicator presence