

## Visual flow indicators



- **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.
- **Packing rings**  
NBR synthetic rubber.
- **Threaded fittings**  
Brass bosses with cylindrical gas thread according to UNI ISO 228/1.
- **Maximum continuous working temperature**  
100° C.

### Features and applications

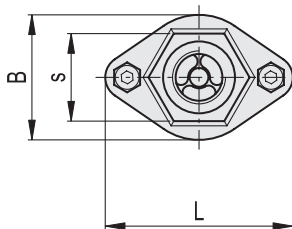
The indicator can be mounted in any position.  
In case of mounting on rigid tubes, it is recommended to place the indicator perfectly aligned with the tubes.  
The indicator operates with two-way flow.  
For rotating the propeller it is required a minimum fluid flow rate (Q\*\*) depending on the type of fluid and its viscosity (shown in cSt, see table)

### Special executions on request

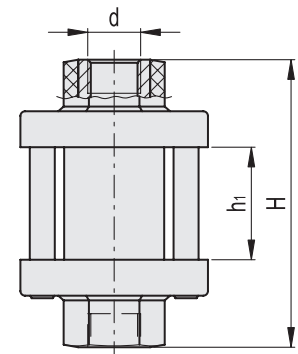
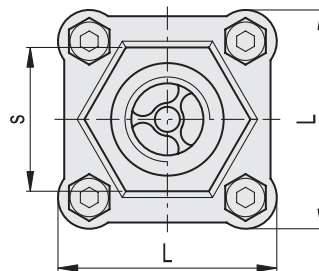
- AISI 316 stainless steel bosses.
- Bosses with NPT conical threads.
- Axis and rotor propeller in blue colour.



HVF. (66 - 92)



HVF. (114)



Conversion Table 1 mm = 0.039 inch	
H	
mm	inch
66	2.57
92	3.59
114	4.45

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	△
111301	HVF.66-1/4	1/4	66	44	27	22	20	10	25	0.6	2.5	3.5	0.15	74
111311	HVF.92-3/8	3/8	92	60	40	36	28	20	15	1.2	3	4	0.25	176
111321	HVF.92-1/2	1/2	92	60	40	36	28	40	15	1.2	3	4	0.3	167
111331	HVF.114-3/4	3/4	114	70	-	46	46	60	12	2.1	3.7	5	0.17	663
111341	HVF.114-1	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