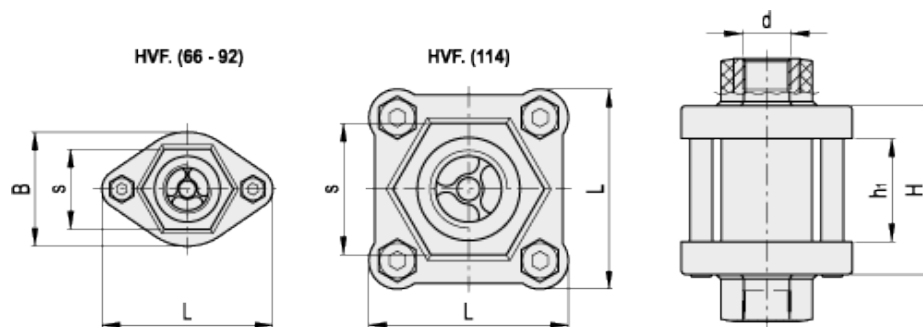


HVF.

Visual flow indicators



technical informations

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 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.

Standard Elements		Main dimensions						Q max*	Q** H2O	Q** 0÷40 cSt	Q** 41÷150 cSt	ΔP max #	P max##	Weight
Code	Description	d	H	L	B	h ₁	s	l/min	l/min	l/min	l/min	Bar	Bar	g
111301	HVF.66-1/4	1/4	66	44	27	22	20	10	0.6	2.5	3.5	0.15	25	74
111311	HVF.92-3/8	3/8	92	60	40	36	28	20	1.2	3	4	0.25	15	176
111321	HVF.92-1/2	1/2	92	60	40	36	28	40	1.2	3	4	0.3	15	167
111331	HVF.114-3/4	3/4	114	70	-	46	46	60	2.1	3.7	5	0.17	12	663
111341	HVF.114-1	1	114	70	-	46	46	80	2.1	3.7	5	0.15	12	667

* Maximum flow rate.

** Minimum flow rate to start the rotor for fluids of different viscosity.

Pressure drop due to the indicator presence.

Maximum pressure.



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STANDARD MACHINE ELEMENTS WORLDWIDE