VISION CV — Visual flow indicator

GENERAL CHARACTERISTICS

The indicators of flow of CV series allow a visual inspection of the passage of liquids in hydraulic systems. The propeller is coloured for better visualization with opaque liquids. The indicator is equipped with a viewer pipe in natural glass.

- Rugged construction.
- Bidirectional operation.
- Viewer pipe made in high resistance glass.
- Easy to install.

TECHNICAL DATA — Tab.1

Ø	DN Code	Q max. l/min	Q min. to start the rotor l/min H_2O	40 cSt	41-150 cSt	ΔP max Bar	P max Bar	T max °C	Weight Kg	Dimensions mm A	B	C	SW
1/4"	**008**	10	0,6	2,5	3,5	0,15	25	100	0,1	66	22	44	20
3/8"	**010**	20	1,2	3	4	0,25	15	100	0,17	92	36	60	28
1/2"	**015**	40	1,2	3	4	0,3	15	100	0,17	92	36	60	28
3/4"	**020**	60	2,1	3,7	5	0,17	12	100	0,7	114	46	70	46
1"	**025**	80	2,1	3,7	5	0,15	12	100	0,6	114	46	70	46
On request		Only with body and connections in: Nickel plated brass **BB** or anodized aluminium **DD**											
1.1/4"	**032**	120	3,5	5,5	7	0,1	10	100	2,9	165	66	94	60
1.1/2"	**040**	160	3,5	5,5	7	0,1	10	100	2,9	165	66	94	60
2"	**050**	190	7	----	----	0,1	10	100	3	165	66	94	70
										See Tab.3			

Thread Ø

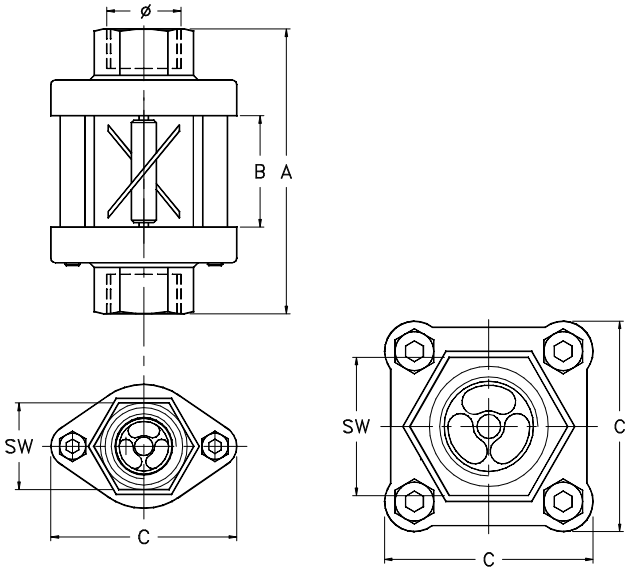
G	UNI 228/1	**N**	NPT
Parallel		Conical on request	

MATERIALS — Tab.2

Description		Code PSO	PSK	BB	DD
DN		008 ÷ 025	008 ÷ 025	032 ÷ 050	032 ÷ 050
Body		Latene	Latene	Brass (*)	Aluminium
Fittings		Brass	AISI-316	Brass (*)	Aluminium
Rotor	**R**	PP- red	PP- red	PP- red	PP- red
	B	PP- blue	PP- blue	PP- blue	PP- blue
Axes		PP	PP	PP	PP
Viewer pipe		Pyrex glass	Pyrex glass	Pyrex glass	Pyrex glass
Gasket		NBR	Viton	NBR	NBR

(*) Nickel plated brass

DIMENSIONS — Tab.3



INSTALLATION

The mounting can take place in any position, with the only precaution to avoid the connection with rigid pipes if not in perfect alignment with the instrument.

NOMENCLATURE

CV	025G	PSO	R		
•					Name - Type
	•			Tab.1	Process connection dimensions
		•		Tab.2	Body material - Fittings
			•	Tab.2	Colour of the propeller