

## GENERAL CHARACTERISTICS



The flow indicators **FR1** series allow a visual inspection of the passage of liquids in hydraulic systems. The rotor may provide, depending on the speed of rotation, a gross indication of the fluid flow rate monitored. The indicator is equipped with a viewer pipe in natural glass **visible on front – back**, the body is made from melting, the process connections are flanged ANSI 150RF. The mounting position is optional.

- Rotor visible on front - back
- Rugged construction
- Viewer made with higher resistance glass
- Easy to install



## TECHNICAL DATA

Tab.1

Ø	DN Code	Q max. l/min - H2O	Q min. l/min - H2O	ΔP max Bar	Body - P max - Bar				Weight Kg	Length L – mm.
					Bronze	T max	AISI 316	T max		
3/4"	<b>020</b>	41,3	15,8	0,25	14,1	200°C	14,1	250°C	5,5	159
1"	<b>025</b>	73,3	20,3		17,2		20,7		6,0	178
1.1/2"	<b>040</b>	165	45		17,2		20,3		8,0	203
2"	<b>050</b>	293	90		14,8		14,8		11,5	222
3"	<b>080</b>	660	225		14,3		14,3		28,0	292
4"	<b>100</b>	1173	360		9,6		9,6		41,0	343
										See Tab.3

Flanges	ANSI 150RF	ANSI 150FF	ANSI 300RF
	<b>150RF</b>	<b>150FF</b>	<b>300RF</b>
On request			

## MATERIALS

Tab.2

Description	Code	Code
	GRW	GKW
Body	Bronze	St. steel AISI-316
Rotor	St. steel AISI-316	St. steel AISI-316
Axle	St. steel AISI-316	St. steel AISI-316
Viewer	Tempered glass	Tempered glass
Locking	Steel	Steel
Seals OR	Nickel-graphite	Nickel-graphite

## DIMENSIONS

Tab.3



## NOMENCLATURE

FR1	025	150RF	GKW
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	Type
Tab.1	Size
Tab.1	Process connections
Tab.2	Materials