

## DINV - NUTATING DISK FLOW METER

- Suitable for liquid medium and high viscosity (20,000 cps)
- Low pressure loss even with high viscosity
- Use with liquids not perfectly clean
- Stainless steel construction for food and industrial

They can be made even in ATEX version for solvents, chemicals, food, pharmaceuticals, paints, inks, dyes, greases, oils.



### DESCRIPTIONS

The fluid flows through continuous measuring chamber causing the movement of the nutating disk. A permanent magnet is inserted in the pivot. The Reed sensor placed outside the meter detects the movement of the disk and sends it to the reading systems of the pulses that are totalized and processed.

### TECHNICAL SPECIFICATIONS

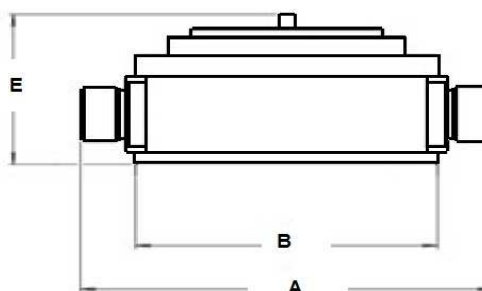
Size	1"	1"1/2	2"	3"
Model:	<b>DINV*25</b>	<b>DINV*40</b>	<b>DINV*50</b>	<b>DINV*80</b>
Flow rate liters/hours:	200...6000	900...12000	2000...22000	3500...35000
Pulse /liters:	14	4.5	2.1	1.3
Hydraulic connections:	threaded GAS M, Clamp sanitary, DIN 11851, flanged			
Max Temperature:	80°C			
Max Pressure:	10 bar			
Body:	316 S.S.			
Disk and hemispheres:	DINV*:P=PTFE, A=Aluminium, X=AISI316, B=Bronze			
Sensors:	Reed, inductive Reed Hall effect with LED indication			

#### OPTIONS

Jackets heating or cooling

#### Dimensions mm and weight kg:

GAS M	A	B	E	Weight
DINV25G	202	148	91	9.5
DINV40G	228	169	106	14
DINV50G	323	247	122	23
DINV80G	390	300	146	52
FLANGED	A	B	E	Weight
DINV25F	226	148	115	11.7
DINV40F	264	169	150	18
DINV50F	351	247	165	28
DINV80F	420	300	200	61
DIN11851	A	B	E	Weight
DINV25S	226	148	115	9.6
DINV40S	264	169	150	14.20
DINV50S	351	247	165	23.30
DINV80S	420	300	200	52.40



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