

Flow Indicator
for Liquid
with self-cleaning Mechanism



- Viscosity: 1 -150 mm²/s
- Indication range:
0.4-4...8-100 l/min. water
- p_{max} 16 bar; t_{max} 100°C
- Connection:
G 1/4...G 1 1/2 IG;
1/4" ... 1 1/2" NPT
- Material:
brass, stainless steel



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Model:
DAA



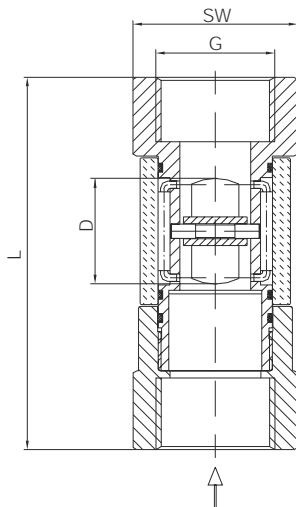
Application

The Kobold flow indicators DAA can be installed in pipe-works for fluids. The DAA are available with bothsides female threads in brass or stainless steel. The medium flow is indicated by a plastic rotor installed inside a hard glass body (Duran).

Most types of known flow indicators suffer problems of indicator visibility with use. These problems are the result of dirt build-up on the viewing windows of these devices. By installing the Kobold flow indicator DAA, these problems are avoided.

With a twist of 180 °C of the sight glass, integral wipers clean the viewing area do allow unobstructed observation of the rotor. The offending contaminants are then simply washed away by the medium flow. The device is kept tight and rotatable by hand by the use of low friction O-rings.

Dimensions



Material

- Housing: Nickel plated brass (DAA-11..) stainless steel 1.4305 (DAA-12..)
- Inlet: Nickel plated brass (DAA-11..) stainless steel 1.4305 (DAA-12..)
- Sight glass: Duran
- O-Rings: NBR (DAA-11..) FPM (DAA-12..)
- Orifice: Nickel plated brass (DAA-11..) stainless steel 1.4301 (DAA-12..)
- Rotor: POM (DAA-11..) Hostafion (DAA-12..)
- Rotor spindle: stainless steel 1.4305
- Support bars: Nickel plated brass (DAA-11..) stainless steel 1.4305 (DAA-12..)
- Wiper carrier: stainless steel 1.4310
- Wiper: Polyolefin (DAA-11..) FPM (DAA-12..)

Model	Standard size DN	Female thread G	Female thread NPT	Total length L	Spanner size SW	Rotor-diameter D
	DN mm	G	NPT	L mm	SW mm	D mm
DAA-...01H	8	1/4	1/4"	71	36	30
DAA-...02H	10	3/8	3/8"	71	36	30
DAA-...03H	15	1/2	1/2"	86	46	40
DAA-...04H	20	3/4	3/4"	94	46	40
DAA-...05H	25	1	1"	104	46	40
DAA-...06H	32	1 1/4	1 1/4"	120	65	65
DAA-...07H	40	1 1/2	1 1/2"	130	65	65

Order details (Example: DAA-1101H R08)

DN	Indication range	Δp at Q_{max}	P_{max}	t_{max}	Weight	Model		Connection thread	
						Nickel pl. brass with rotor/wipers	stainless steel with rotor/wipers	G	NPT
1/4"	0.4 - 4	0.25	16	100	0.3	DAA-1101H..	DAA-1201H..	R08	N08
3/8"	0.6 - 8	0.25	16	100	0.28	DAA-1102H..	DAA-1202H..	R10	N10
1/2"	1 - 12	0.25	16	100	0.6	DAA-1103H..	DAA-1203H..	R15	N15
3/4"	1 - 25	0.25	16	100	0.65	DAA-1104H..	DAA-1204H..	R20	N20
1"	1.6 - 40	0.25	16	100	0.7	DAA-1105H..	DAA-1205H..	R25	N25
1 1/4"	8 - 80	0.25	16	100	1.5	DAA-1106H..	DAA-1206H..	R32	N32
1 1/2"	8 - 100	0.25	16	100	1.6	DAA-1107H..	DAA-1207H..	R40	N40