

**DAF**  
**FLOW INDICATOR WITH PADDLE WHEEL**



Flow  
Pressure  
Level  
Temperature  
measurement  
monitoring  
control



- **Clearly Visible Flow Indication**
- **Low Minimum Indicated Flow**
- **Rotatable Even in Operation**
- **Applicable with a Large Variety of Media**

**S6**



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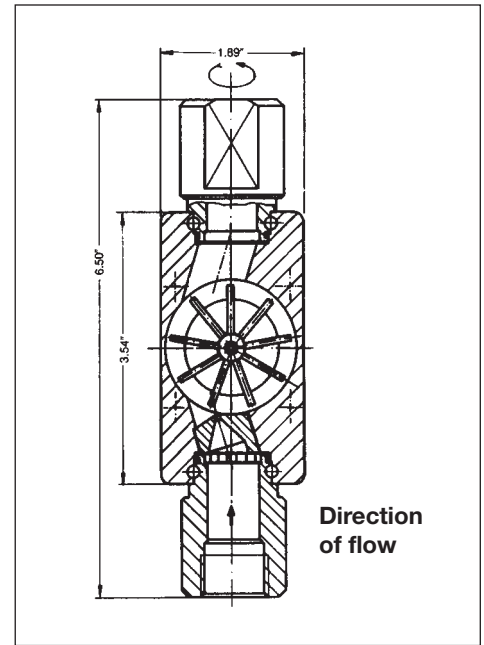
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Model:  
DAF



DAF...

KOBOLD'S DAF paddle wheel flow indicator is recommended whenever optical flow indication (no flow measurement) is required. The construction of the DAF is simple. A rectangular housing with two opposite, transparent windows contains a paddle wheel which is set into motion by the flowing medium. The clearly visible rotating wheel indicates flow. Flow values are varied by changing the intake port orifice, thus allowing use of the same housing for all ranges. The instrument can be installed in any position. Flow, however, must be in the direction of the arrow on the housing. Connections are available in 1/8" NPT up to 1-1/2" NPT. Choice of materials is nickel-plated brass or stainless steel. The device can be turned along its long axis even during operation. This allows the windows to be aligned for optimum visibility.



Material Combination	I	II	III	IV
Housing	Nylon	Polysulfone	Brass	SS
Housing cover	Nylon	Polysulfone	Polysulfone	Polysulfone
Connection	Brass, Nickel-plated	SS	Brass, Nickel-plated	SS
locking pins (not wetted)	Brass	Brass	Brass	Brass
O-rings	Buna-N	Viton	Buna-N	Viton
Paddle wheel	Delrin	Teflon	Delrin	Teflon
Axle	304 SS	304 SS	304 SS	304 SS
Axle bearing	Teflon	Teflon	Teflon	Teflon
Max. operating pressure PSI	145	145	235	235
Max. operating temperature °F	140	180	145	180

Order Numbers for Standard Types									
Flow		Press. drop max. PSI	Orifice dia. inch	Stand. conn. NPT	Material Combination and				Range size
Min. GPH water	Max. GPH water				I DAF-51...	II DAF-52...	III DAF-53...	IV* DAF-54...	
0.16	1.6	18	0.019	1/8"				..01	
0.6	5.0	15	0.039	1/8"				..02	
3.2	48.0	10	0.078	1/8"				..03	
8.0	190.0	7	0.197	1/4"				..04	
16.0	400.0	3	0.315	1/2"				..05	
32.0	800.0	2	0.492	3/4"				..06	
105.0	2400.0	15	0.728	1 1/4"				..07	

Options (add suffix to Order Number)	
Special connection NPT Suffix "B"	Flange connection Only comb. IV Suffix "F"
1/4"	Size
1/4"	1/2"
1/4"	1/2"
1/2"	1"
3/4"	1"
1"	1 1/2"
1 1/2"	1 1/2"