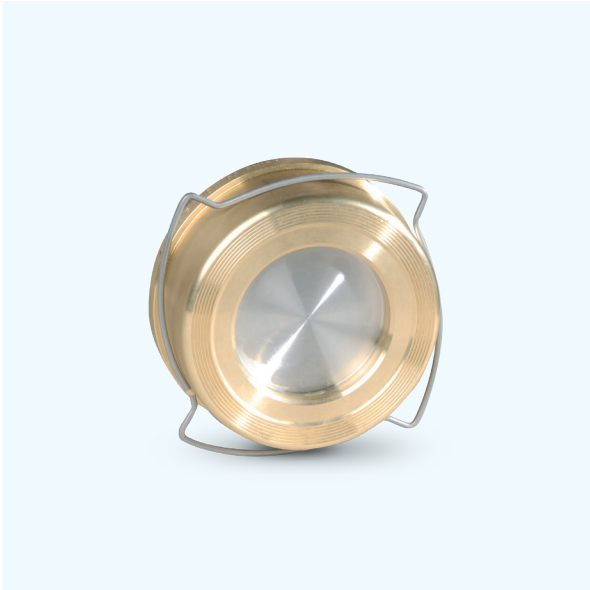


DISC CHECK VALVE

2370

2370



Features

- The body and the disc when the determined flow in the system starts.
- The expander shortens and the disc shrinks back and let to flow between the body and the disc when the determined flow in the system starts.
- It can be used at horizontal and vertical positions.
- With its short installation length and hooks on the body it can be installed easily.
- The disc hinged on the body is placed within the flow section.
- With the start of movement at defined flow direction on the system, the disc leaves the flow section by turning in its axis and allows the flow pass.
- Designed to maintain the minimum head loss on the pipeline.
- Due in part to their oversized, heavier discs, typical full-sized swing check valves only fully open at an average flow rate of 11 ft/s. When activated at a lower flow rate, these valves loose true controllability and do not fully open.
- A partially open disc creates an obstruction that produces a higher pressure drop and fluttering of the valve disc - disturbing the flow and increasing the chance of water hammer.
- Constructed with stainless steel spring.
- Has brass body, stainless steel disc and spring.
- No maintenance needed.
- Effective for preventing minor leakage.

Temperature

- +200 °C

PRODUCTION STANDARDS

DN25 → DN400
PN 16

Connection	Wafer Type EN 1092-1 / ISO 7005-1
Face to Face	EN 558 Series 49
Marking	EN 19
Tests	EN 12266-1

Product Description

FAF2370 Disc-O check valve let to fluids in the facility required downstream and ceases the flow in case of reverse flow. Stainless steel disc, which is positioned in brass body seats on sealing surface that processed on the body via expander force and provides 100% tight sealing.

Versions

- Standard version as brass body and stainless steel disc
- Custom production for specific orders

Scope of Application

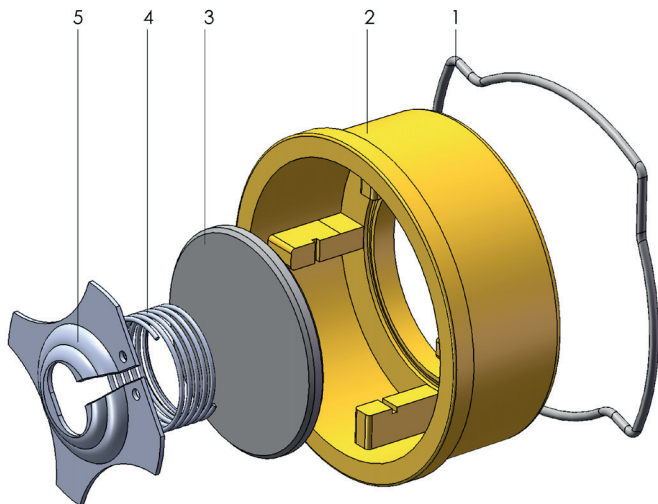
- Steam
- Hot & cold water
- Power & heat engineering
- Pressurized Air
- Industrial technologies
- Fluids without acidity or alkalinity properties



DISC CHECK VALVE

2370

2370



NO	ITEM	MATERIALS
1	SPRING	1.4301 - AISI 304 Stainless Steel
2	BODY	CUZn40PB2 MS 58 - BRASS DN125 AND OVER: EN-GJS-400 DUCTILE IRON / GGG40
3	COVER	1.4301 - AISI 304 Stainless Steel DN125 and Over: EN-GJS-400 DUCTILE IRON / GGG40
4	DISC	1.4301 - AISI 304 Stainless Steel
5	SPRING	1.4301 - AISI 304 Stainless Steel

PRODUCTS MODEL CODES

FAF2300	WAFER CHECK VALVE - STAINLESS STEEL
FAF2330	WAFER CHECK VALVE - CARBON STEEL
FAF2340	CHECK VALVE - FORGED
FAF2350	DUAL CHECK VALVE - STAINLESS STEEL
FAF2355	DUAL CHECK VALVE - NICKEL
FAF2370	WAFER CHECK VALVE - CARBON STEEL
FAF2371	WAFER CHECK VALVE - CARBON STEEL

VALVE TEST PRESSURE (Bar)

MAX. OPERATING PRESSURE	BODY / SHELL TEST	SEAT TEST
16	24	17,6

100% of the valves are subjected to hydrostatic tests at FAF facilities.

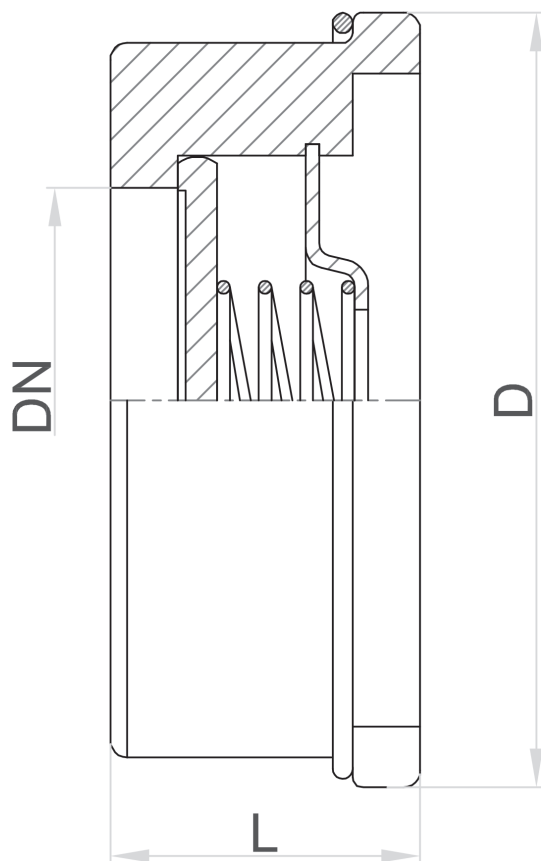
Note

- For proper use and safety precautions please follow the installation and operating instructions.

DISC CHECK VALVE

2370

Technical Details & Drawing, Dimensions



DN	DIMENSION		RATINGS		STUD SIZE	BOLT/NUT QTY	FASTENING MOMENT Nm	WRENCH SIZE (mm)
	D	L	KV m ³ /h	Weight Kg				
15	40	16	4	0,1	M12X70	4	85	19
20	47	19	7,5	0,15	M12X80	4	85	19
25	56	22	11	0,2	M12X80	4	85	19
32	76	28	19	0,45	M16X90	4	205	24
40	82	31,5	28	0,6	M16X100	4	205	24
50	95	40	40	1	M16X110	4	205	24
65	115	46	70	1,4	M16X120	4	205	24
80	132	50	90	2,1	M16X130	8	205	24
100	152	60	150	3,25	M16X140	8	205	24
125	184	90	200	8	M16X170	8	205	24
150	209	106	350	10,4	M20X200	8	400	30
200	264	140	530	21	M20X240	12	400	30