

EKO5800

AXIAL NOZZLE CHECK VALVE



TECHNICAL ADVANTAGES

- Valve Design comply with EN 12334
- Face to face length according to EN 558, Series 14 (DIN 3202 F4)
- Double Flanged RF Type connection according to EN 1092-2
- Valve test according to EN 12266-1
- Quick & Dynamic response to the flow changes / Usable for Axial flow
- Silent operation with "Non-Slam" property
- The disc is fully closed just before backflow starts (Non-Return)
- EKO5800 Nozzle check valves are specifically designed for fast-reversing systems where backflow is main concern and prevention of damaging affects of water hammer is critical in project design
- Axial/Concantric Type
- Axial movement by disc
- Axial closing design by spring
- Light weight disc & spring design projects the piping against sudden "surge"
- Suitable for horizontal and vertical installations
- Long service life, with minimum level of maintenance requirement
- Suitable for Water, hot water and steam. All meduims without acidity and alkanity
- EKO5800 Nozzle check valves are generally used in piping systems where protection
- Of mechanical equipment is considered in order to prevent damage caused by backflow
- Can be used as Silent Check valve
- Maximum temperature is 100°C

MATERIAL

- Bushing: Bronze
- Disc Retainer: EN-GJS 400
- Stem: AISI 420, X20Cr13
- Spring: AISI 316
- Disc: AISI 304 (1.4301) Stainless Steel
- Bolts: A2
- Body Seat: Bronze
- Body: EN-GJS 400



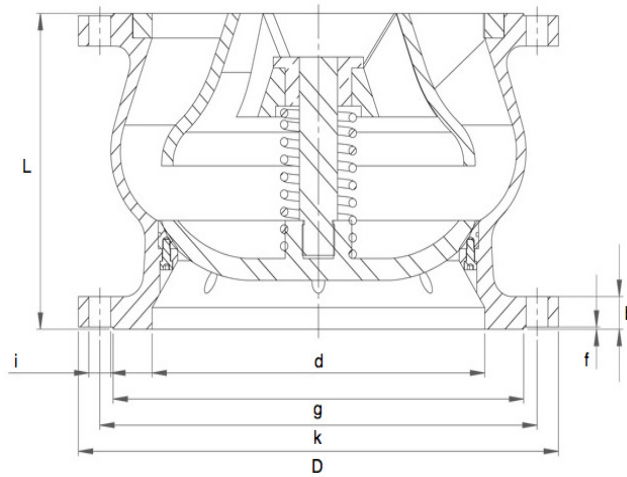
COATING

- Powder epoxy coating in blue, minimim 250 microns.

VERSIONS

- Full Stainless Steel Body and Disc Available, Please contact for more information
- Contact for Disc Options

Remarks: Grey tones represents available options.

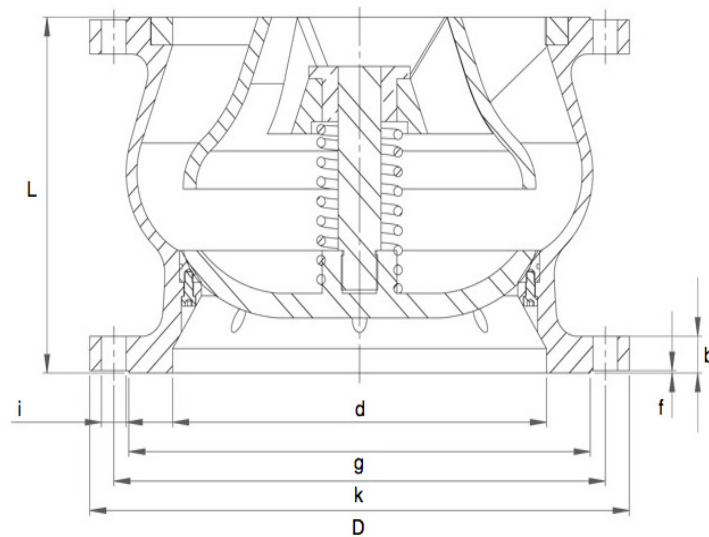


Axial Nozzle Check Valve Dimension Table (PN10)

DN	L (mm)	D (mm)	K (mm)	d2	b	Number of Holes	Weight
200	230	340	295	23	20	8	39
250	250	400	350	23	22	12	40
300	270	455	400	23	24,5	12	90
350	290	505	460	23	24,5	16	105
400	310	565	515	28	24,5	16	140
450	330	615	565	28	24,5	20	148
500	350	670	620	28	26,5	20	205
600	390	780	725	31	30	20	278
700	430	895	840	31	32,5	24	330
800	470	1015	950	34	35	24	480
900	510	1115	1050	34	37,5	28	660
1000	550	1230	1160	37	40	28	808
1100	590	1340	1270	37	40	32	1148
1200	630	1455	1380	40	45	32	1498

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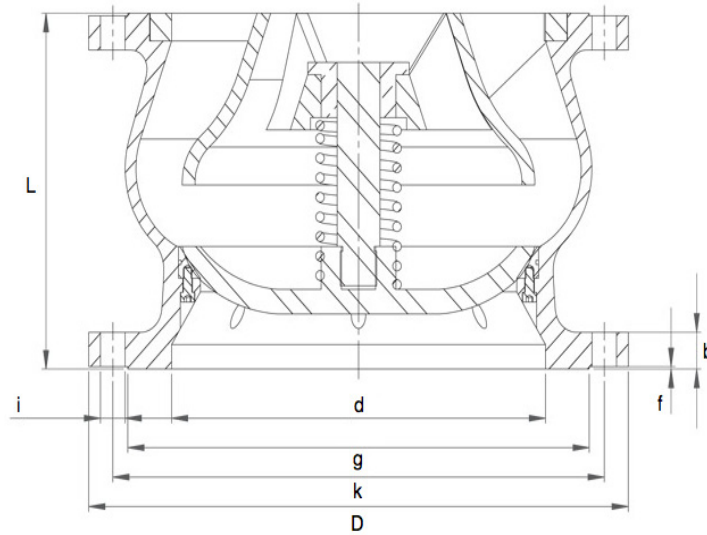


Axial Nozzle Check Valve Dimension Table (PN16)

DN	L (mm)	D (mm)	K (mm)	d2	b	Number of Holes	Weight
300	370	455	410	28	24,5	12	65
350	290	520	470	28	26,5	16	96
400	310	580	525	31	28	16	148
450	330	640	585	31	28	20	198
500	350	715	650	34	31,5	20	258
600	390	840	770	37	36	20	418
700	430	910	840	37	39,5	24	530
800	470	1025	950	40	43	24	635
900	510	1125	1050	40	46,7	28	830
1000	550	1225	1170	43	50	28	1078
1200	630	1485	1390	49	57	32	1848

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Axial Nozzle Check Valve Dimension Table (PN25)

DN	L (mm)	D (mm)	K (mm)	d2	b	Number of Holes	Weight
200	230	360	310	28	22	12	140
250	250	425	370	31	24,5	12	205
300	270	485	430	31	27,5	16	235
350	290	555	490	34	30	16	250
400	310	620	550	37	32	16	420
450	330	670	600	37	34,5	20	490
500	350	730	660	37	36,5	20	695
600	390	845	770	40	42	20	780
700	430	960	875	43	46,5	24	1000
800	470	1085	990	49	51	24	1290
900	510	1185	1090	49	59,5	28	1830
1000	550	1320	1210	56	60	28	2250
1200	630	1530	1420	56	74	32	3600