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 English

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Ball Check Valve Flanged

Ball Check Valve

Ball type Non-Return Valve



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We stand with quality

Description:

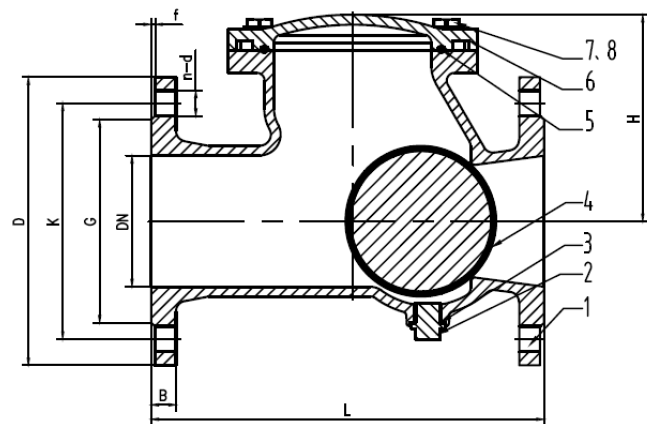
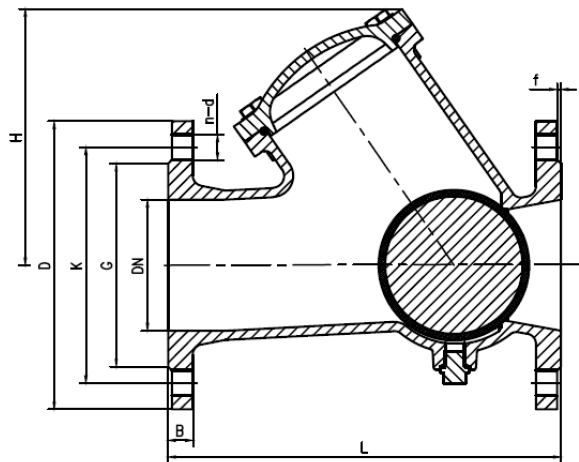
Ball check valves contain a ball that sits on the seat, which has only one through-hole. The ball has a slightly larger diameter than that of the through-hole (seat). When the pressure behind the seat exceeds that above the ball, liquid is allowed to flow through the valve. But once the pressure above the ball exceeds the pressure below the seat, the ball returns to rest in the seat, forming a seal that prevents backflow. The ball moves up and down inside the valve depending on the flow and seals against the machined seat when no flow or reverse flow occurs and seals against the seat to stop the reverse flow. Ball check valves are typically preferred for use in pumping stations as they are self-cleaning as the ball rotates during the operation and are vertically maintenance-free. IVALVE offers both flange and thread connections for the Ball Check Valves.

Main Features:

- Self-cleaning, no risk of impurities getting stuck on the ball.
- Silent closing, no water hammer
- 100% testing before packing and delivery
- full bore, 100% flow area, full waterway for low headloss
- suitable for Horizontal or vertical installation
- Compact design maintains easier installation.
- Light weight design for easy installation
- Self-cleaning sinking nitrile coated ball

- Eliminates the risk of impurities getting stuck on the ball.
- Low pressure drop
- Inside and outside epoxy-coating

Technical info:



Main Technical Parameters		
8	Washer	AISI304 STAINLESS STEEL
7	Bolt	AISI304 STAINLESS STEEL
6	Bonnet	DUCTILE IRON
5	O Ring	NBR
4	Ball	STEEL+NBR
3	O Ring	NBR
2	Plug	AISI304 STAINLESS STEEL
1	Body	DUCTILE IRON
No.	Name	Materials

Design	EN 1171
Flange	EN 1092-2
Face To Face	EN558-1 Series F6
Tests	EN 12266-1
Reference Standard	
Medium	Clean Water、Sewage
Temperature	0-80°C
Seal Test	9/11/18Bar
Body Test	7/15/24Bar
PN	6/10/16Bar
DN	DN40-DN600

DN	L	H	FLANGE EN1092-2 PN10				FLANGE EN1092-2 PN16				B	f
			D	K	G	n-d	D	K	G	n-d		
40	180	102	150	110	84	4-Ø19	150	110	84	4-Ø19	19	3
50	200	108	165	125	99	4-Ø19	165	125	99	4-Ø19	19	3
65	240	132	185	145	118	4-Ø19	185	145	118	4-Ø19	19	3
80	260	165	200	160	132	8-Ø19	200	160	132	8-Ø19	19	3
100	300	196	220	180	156	8-Ø19	220	180	156	8-Ø19	19	3
125	350	237	250	210	184	8-Ø19	250	210	184	8-Ø19	19	3
150	400	272	285	240	211	8-Ø23	285	240	211	8-Ø23	19	3
200	500	287	340	295	266	8-Ø23	340	295	266	12-Ø23	20	3
250	600	355	395	350	319	12-Ø23	405	355	319	12-Ø28	22	3
300	700	425	445	400	370	12-Ø23	460	410	370	12-Ø28	24.5	4
350	800	536	505	460	429	16-Ø23	520	470	429	16-Ø28	26.5	4
400	900	584	565	515	480	16-Ø28	580	525	480	16-Ø31	28	4
450	1000	742	615	565	530	20-Ø28	640	585	548	20-Ø31	31.5	4
500	1100	784	670	620	582	20-Ø28	715	650	609	20-Ø34	31.5	4
600	1300	835	780	725	682	20-Ø31	840	770	720	20-Ø37	36	5



With over 15 years rich experience in the valves designing, manufacturing, marketing and exporting.

LOCATION

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