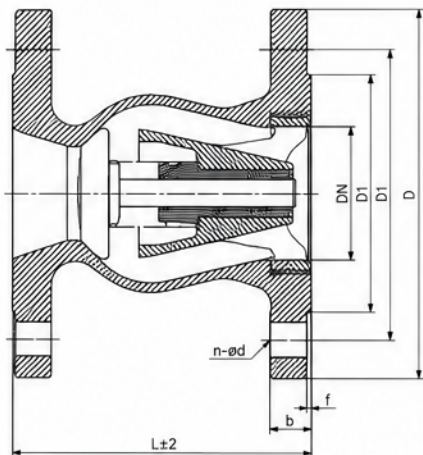




PRODUCT OVERVIEW

The axial-flow check valve is a new series valve.

The internal flow passage of the valve adopts streamline design and is precision cast in full guide. It is mainly used at the outlet of water pump or other places to prevent liquid backflow, which can effectively prevent water hammer impact and noise caused by liquid backflow of ordinary check valve. It is designed with good sealing performance.

EXECUTIVE STANDARD

Design Standard	GB/T21387, API 6D
Structure Length Standard	GB/T21387, API 6D
Flange Connection Standard	GB/T9113.1, HG/T20592, ASME B16.47
Test Standard	GB/T21387, API 6D

PRODUCT PERFORMANCE SPECIFICATION

Nominal Pressure (MPa)	1.0	1.6	2.5	4.0	6.4	10.0	16.0	150	300	600	900
Shell Test Pressure (MPa)	1.5	2.4	3.75	6.0	9.6	15.0	24.0	22.5	45.0	67.5	100.0
Seal Test Pressure (MPa)	1.1	1.76	2.75	4.4	7.04	11.0	17.6	16.5	33.0	49.5	73.7
Applicable Temperature	Carbon Steel: -29°C~+96°C Stainless Steel: -196°C~+600°C										
Applicable Medium	Water, Steam, Oil, Acid, Strong Oxidizing Media, etc. (Corrosive media such as water, steam and oil)										

MAIN PART MATERIAL

Valve Body	WCB, CF8
Valve Disc	WCB, 304
Stem	2Cr13, F304
Guide Sleeve	Corrosion-resistant Alloy
Spring	06Cr19Ni10, X-750
Conduit	WCB, CF8

VALVE STRUCTURE LENGTH

Unit: mm

DN	L					
	PN10~40	PN64~100	CL150	CL300	CL600	CL900
50	120	120	203	267	292	368
65	150	150	216	292	330	419
80	180	180	241	318	356	381
100	240	240	292	356	432	457
125	300	300	330	400	508	559
150	350	350	356	445	559	610
200	450	450	495	533	660	737
250	500	500	622	622	787	838
300	550	600	699	711	838	965
350	575	700	787	838	889	1029
400	600	800	864	864	991	1130
450	650	900	978	978	1092	1219
500	700	978	978	1016	1194	1321
600	800	1200	1295	1346	1397	1549
700	980	-	1448	1499	1600	-
800	1120	-	1650	1778	1778	-
900	1300	-	2083	2083	2083	-

Note: Various valves made of special materials can be customized according to the working conditions of customers.