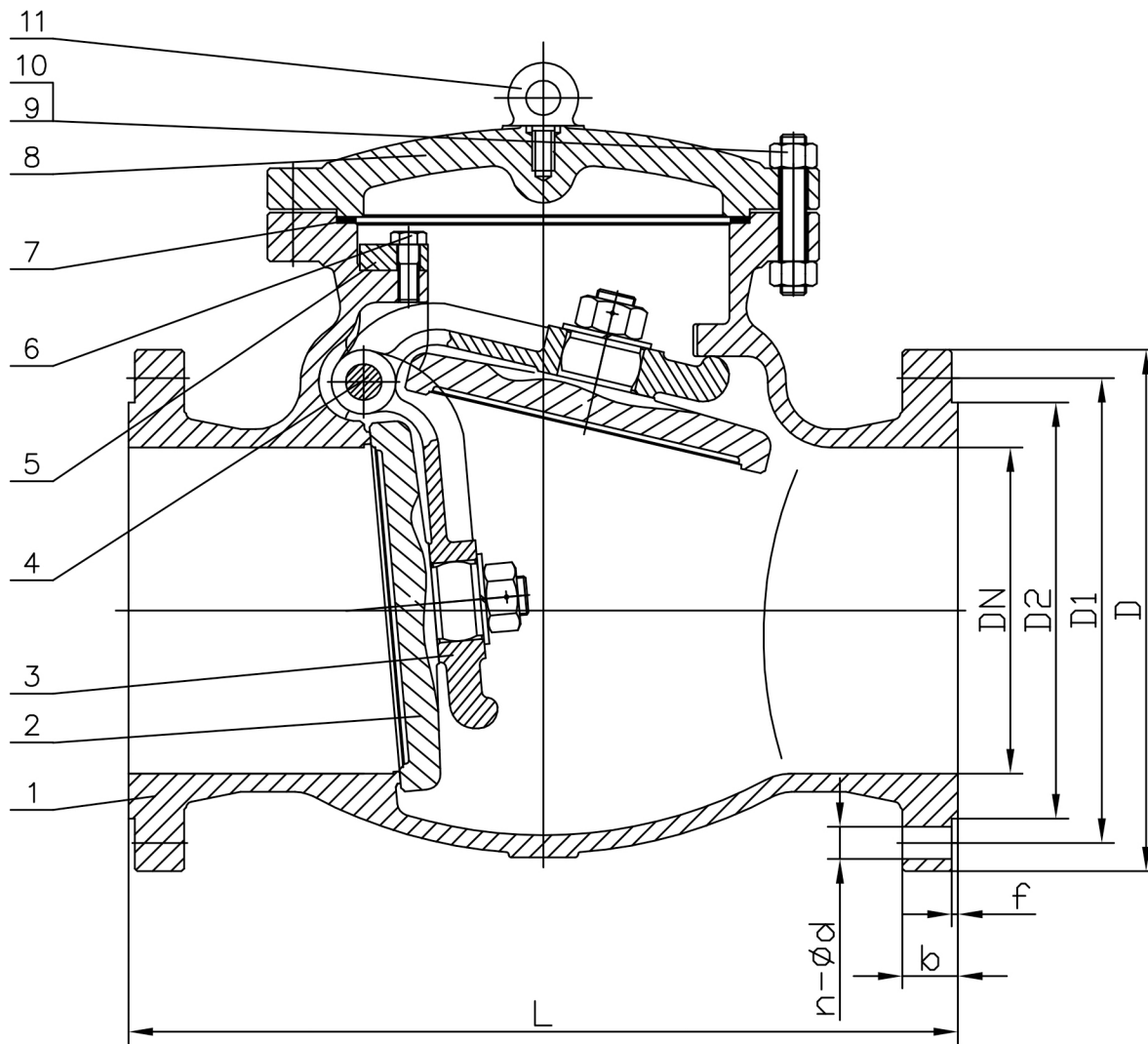




Nominal Diameter	Main Dimension (mm)Class150							
	inch	DN	D	D1	D2	b	n-ød	L
2"		50	150	120.7	92.1	16	4-ø19	203
2 1/2"		65	180	139.7	104.8	17.5	4-ø19	216
3"		80	190	152.4	127	19.5	4-ø19	241
4"		100	230	190.5	157.2	24	8-ø19	292
5"		125	255	215.9	185.7	24	8-ø22	330
6"		150	280	241.3	215.9	25.5	8-ø22	356
8"		200	345	298.5	269.9	29	8-ø22	495
10"		250	405	362	323.8	30.5	12-ø25	622
12"		300	485	431.8	381	32	12-ø25	698
14"		350	535	476.3	412.8	35	12-ø29	787
16"		400	595	539.8	469.9	37	16-ø29	864

11	Eyebolt	Carbon Steel	NPS > 3"
10	Cover Nut	A194 2H	
9	Cover Bolt	A193 B7	
8	Cover	A216 WCB	
7	Gasket	SS304+Graphite	
6	Hinge Stud	A193 B7	
5	Yoke	A216 WCB	
4	Pin	A276 410	
3	Hinge	A216 WCB	
2	Disc	A216 WCB+13Cr	
1	Body	A216 WCB+13Cr	
NO	Part Name	Material	Remarks

Technical Requirements

- Design & manufacture conform to BS 1868
- Face-to-Face conforms to ANSI B16.10
- Flange dimensions conform to ANSI B16.5
- Test & Inspect conform to API 598

SPECIFICATIONS			
Nominal pressure		CLASS150	
Testing Pressure	Shell Test	3.0	MPa
	Closure Test	2.2	
	Back seat Test		
	Air Test	/	
Temperature		-29~350℃	
Applicable Media		Water,Oil,Steam	



HITEK PETROLEUM
EQUIPMENT CO.,LTD

ASSEMBLY DRAWING

REV

DESIGNED BY

APPROVED BY

HS150CF

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Swing Check Valve

DATE

20-05-2026