



Technical Specification

Structural formation: Dual-disc swing type check valve

Design standard: API 594

Face to face: ASME B16.0

Flanged ends: ASME B16.5

Test & inspection: API 598

Form of Major Part Material

Parts No.	Parts Name	Materials
1	Body	ASTM A216-WCB、ASTM A351-CF8、CF8M、CF8C、CF3、CF3M
2	Disc	ASTM A216-WCB、ASTM A351-CF8、CF8M、CF8C、CF3、CF3M
3	Pivot	ASTM A182 Gr.F6a、ASTM A182 F22、ASTM A182-F304、F316、F321、F304L、F316L
4	Spring	AISI 9260、AISI 6150、ASTM A182-F304、F316、F321、F304L、F316L

Main Size of Outside & Weight

Model: H76H、H76Y

Class	DN (mm)	NPS (in)	Dimensions(mm)		Weight (kg)	Class	DN (mm)	NPS (in)	Dimensions(mm)		Weight (kg)	Class	DN (mm)	NPS (in)	Dimensions(mm)		Weight (kg)		
			L	D					L	D					L	D			
150	50	2	60	103	2	300	50	2	60	110	3.5	600	50	2	60	110	3.5		
	65	2 1/2	67	122	3.2		65	2 1/2	67	148	5		65	2 1/2	67	129	5		
	80	3	73	135	4		80	3	73	248	7		80	3	73	148	7		
	100	4	73	173	6		100	4	73	180	10		100	4	79	192	12		
	125	5	86	196	9		125	5	86	215	18.5		125	5	105	240	22.5		
	150	6	98	222	12		150	6	98	250	19		150	6	137	265	35		
	200	8	127	279	22		200	8	127	307	33		200	8	165	319	45		
	250	10	146	339	38		250	10	146	361	54		250	10	213	399	77		
	300	12	181	409	54		300	12	181	422	88		300	12	229	456	110		
	350	14	184	450	80		350	14	222	485	128		350	14	273	489	135		
	400	16	191	514	118		400	16	232	539	169		400	16	305	562	163		
	150	450	18	203	549		210	150	450	18	203		549	210	900	50	2	70	142
500		20	219	606	240	500	20		219	606	240	500	20	205		205	24		
600		24	222	717	410	600	24		222	717	410	600	24	288		288	43		
														150		6	159	288	43
														200		8	206	358	56
														200		8	206	358	56