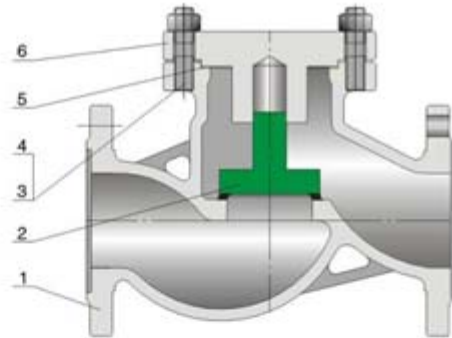


PL Series Piston-lift type check valve



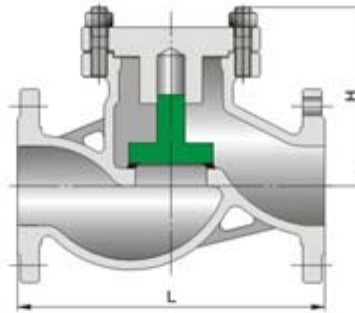
Technical specification

Structural formation	Spiral shell's post bonnet lifting type check valve	
Design reference	DIN	API
Design standard	DIN EN13709	BS1868
Face to face	DIN EN558-1	ASME B16.10
Flanged ends	DIN EN1092-1	ASME B16.5
Test & inspection	DIN EN12266-1	API 598, BS EN12266-1

Note: The sizes of valve connecting flange and butt-welding terminas can be designed according to customer's requirement.

Major parts material form

No.	Part name	Material	
		ASTM	DIN
1	Body	WCB, WC1, WC6, WC9, C5 CF8, CF8M, CF8C, CF3, CF3M	GS-C25, 1.4308, 1.4408
2	Disc	WCB, WC1, WC6, WC9, C5 CF8, CF8M, CF8C, CF3, CF3M	GS-C25, 1.4308, 1.4408
3	Stud	A193-B7, A320-B8, A193-B8M	A193-B7, A193-B8, A193-B8M
4	Six angle nuts	A194-2H, A194-8, A194-8M	A194-2H, A194-8, A194-8M
5	Gasket	Graphite & stainless steel	Graphite & stainless steel
6	Bonnet	A105, F11, F22, F5, F9 F304, F316, F321, F304L, F316L	GS-C25, 1.4308, 1.4408



Main size of outside & weight

Model: H41H, H41Y

PN (MPa)	DN (mm)	Dimensions (mm)		Weight (kg)
		L	H	
1.6	50	230	115	20
	65	290	140	24
	80	310	175	30
	100	350	203	42
	125	400	228	59
	150	480	250	84
	200	600	285	100
2.5	50	230	115	21
	65	290	140	25
	80	310	175	31
	100	350	203	42
	125	400	228	60
	150	480	250	86
	200	600	285	102
4.0	50	230	150	17
	65	290	160	22
	80	310	178	34
	100	350	203	42
	125	400	228	75
	150	480	265	105
	200	600	317	150

Class	DN (mm)	Dimensions (mm)		Weight (kg)
		L	H	
150	50	203	175	27
	65	216	190	30
	80	241	208	41
	100	292	230	60
	125	356	265	82
	150	406	312	122
	200	495	353	145
300	50	267	175	432
	65	292	193	45
	80	318	238	65
	100	356	269	108
	125	400	313	145
	150	445	355	185
	200	559	403	230
600	50	292	175	36
	65	330	193	50
	80	356	238	135
	100	432	269	190