



CLASS 300 CARBON STEEL WAFER TYPE DOUBLE DISC

CHECK VALVE

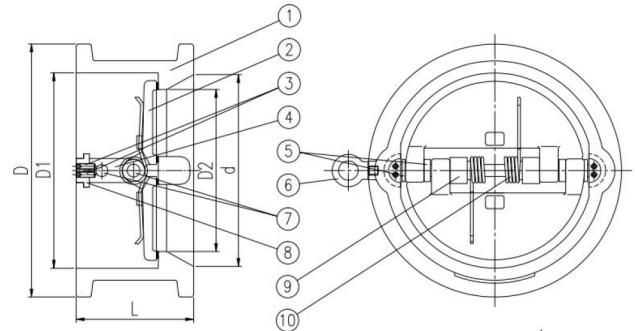
Fig# DCK 300CS

Applicable Standards:

- Steel Check valves, API 594
- Steel Check valves, ASME B16.34
- Face to Face, API 594
- End Flange, ASME B16.5
- Inspection and Test, API 598

Design:

Valve MFG in Accordance with NACE MR0175 Specifications



NO	PART NAME	MATERIAL
1	Body	A216-WCB+13Cr
2	Disc	A351-CF8M
3	Bolt	A276-316
4	Shaft seat	A276-316
5	Spacer	A276-316

NO	PART NAME	MATERIAL
6	Lifting bolt	Steel
7	Hinge pin	A276-316
8	Locating piece	A276-316
9	Spring plate	A276-316
10	Spring	Inconel x750

NPS	Typical Dimensions(in)					WT Lbs
	d	L	D	D1	D2	
2	2	2.38	4.25	2.76	1.73	5.5
2.1/2	2.1/2	2.62	4.88	3.23	2.20	6.6
3	3	2.88	5.35	3.62	2.60	10
4	4	2.88	6.89	4.49	3.39	16
5	5	3.38	8.39	5.51	4.41	25.5
6	6	3.88	9.76	6.54	5.31	37
8	8	5.00	12.01	8.27	7.01	66
10	10	5.75	14.13	10.47	8.74	112
12	12	7.12	16.50	12.40	10.31	167
14	14	8.75	19.02	14.02	11.81	196
16	16	9.12	21.14	15.94	13.62	273
18	18	10.38	23.39	17.91	15.67	326
20	20	11.50	25.67	19.88	17.72	410
24	24	12.50	30.48	23.90	21.53	447