



# CLASS 150 CARBON STEEL WAFER TYPE DOUBLE DISC

## CHECK VALVE

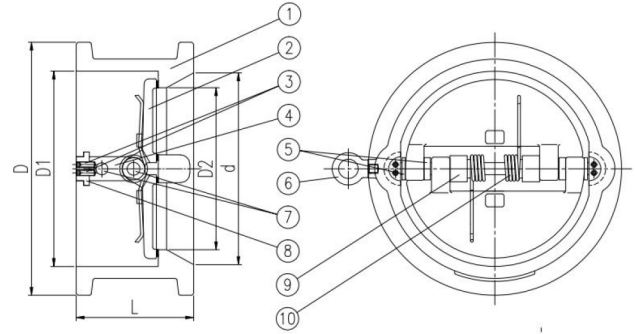
**Fig# DCK 150CS**

**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	4.06	2.76	1.73	4.6
2.1/2	2.1/2	2.62	4.80	3.23	2.20	6.2
3	3	2.88	5.31	3.62	2.60	9.3
4	4	2.88	6.77	4.49	3.39	13.9
5	5	3.38	7.68	5.51	4.41	24
6	6	3.88	8.66	6.54	5.20	33.7
8	8	5.00	10.91	8.27	6.97	56.2
10	10	5.75	13.27	10.47	8.74	91.3
12	12	7.12	16.02	12.40	10.31	139
14	14	7.25	17.64	14.02	11.81	166.8
16	16	7.50	20.16	15.94	13.62	236.5
18	18	8.00	21.54	17.91	15.67	265
20	20	8.62	23.78	19.88	17.72	364
24	24	8.75	28.54	23.90	21.53	416