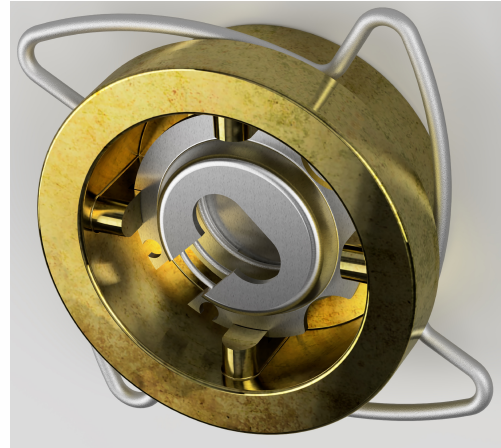


**DISCO CHECKVALVE  
HDC - 75**

**ENG**

**FEATURES**

*HDC-75 Disco checkvalves are wafer type checkvalves which its lenght is short. Because of it design there are so many advantages such us lightweight, less volume, less installation cost and easy installation. It is suitable for hot water, steam and gases.*



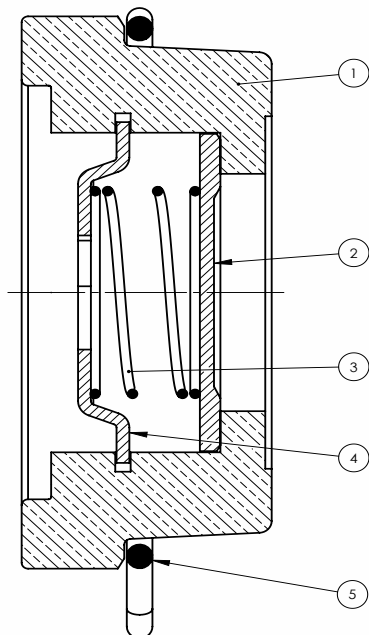
**Applications**

- After Pumps
- HVAC Systems
- Iron and Steel Industry
- Mineral Oil Industry
- Chemistry and Food Industry
- Marine Application

**WORKING CONDITIONS**

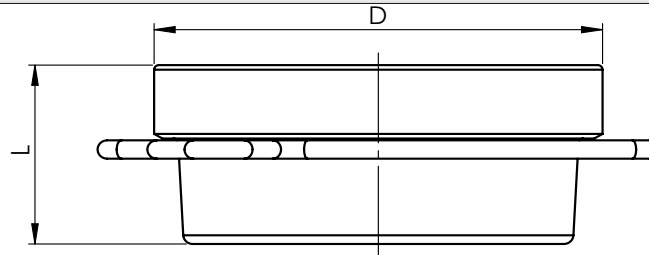
HDC 75	DIN, EN, ASME, B 16.5, CLASS 300					SEALING TYPE
°C	-10	20	100	200	300	
HDN - 100 barg	49,6	49,6	42,3	35,8	31,6	METAL

DIN	BS
DIN EN 1092-1 PN10/16/40	BS10 TABLE D, E, F



1	Body	Brass
2	Disc	AISI 304
3	Spring Retainer	AISI 304
4	Spring	AISI 302
5	Centering Hoop	AISI 304

**DIMENSIONS**



SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
L	16	19	21	27	31	40	46	49,5	60
D	39	46	54	70	83	96	115	135	153

DN	OPENING PRESSURE ( mbar )			
	VALVE FLOW DIRECTION			
	SPRING	SPRING		
	↑	↑	→	↓
15	2,5	10	7,5	5
20	2,5	10	7,5	5
25	2,5	10	7,5	5
32	3,5	12	8,5	5
40	4	13	9	5
50	4,5	14	9,5	5
65	5	15	10	5
80	6	16	10,5	5
100	6,5	18	11,5	5

**FLOW RATE CAPACITY ( Kg / h )**

Graphic is according to 20°C decrease water. In order to pressure drop for toher flow media; it is required to calculate flow which is equal to water volume.

$$\dot{V}_w = \dot{V} \cdot \sqrt{\frac{\rho}{1000}}$$

- $\dot{V}_w$  The density of the fluid is for the operating conditions. m<sup>3</sup>/h
- $\rho$  Flow rate equivalent to water volume Kg/m<sup>3</sup>
- $\dot{V}$  Volumetric flow of the fluid for operating conditions m<sup>3</sup>/h

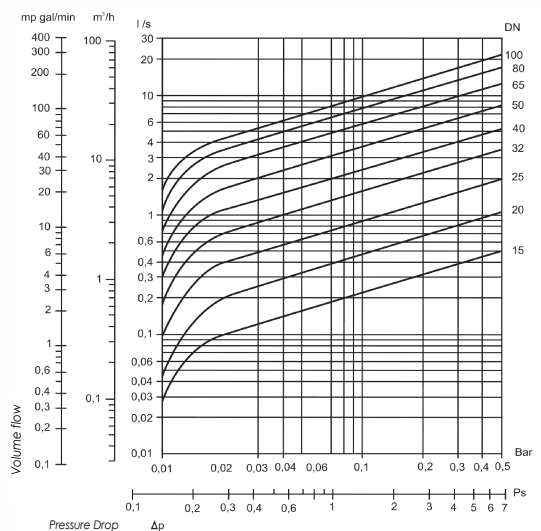


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