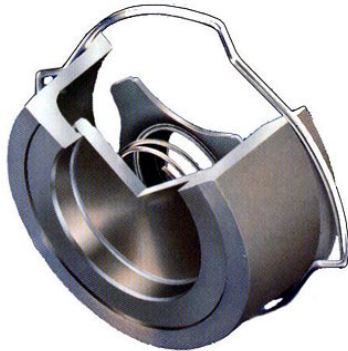




AYVAZ

Disco Checkvalve

Wafer Type (CV 10 / s1 & s2)



Typical Applications

Heating, airconditioning pipe lines
Wood-working, pulp and paper industry
Iron and steel industry, mining industry
Mineral-oil industry / Textile industry / Ship building

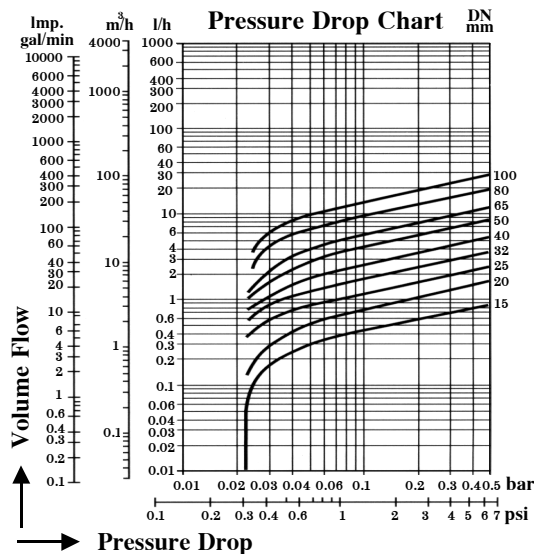
Application conditions for O-ring :

EPDM (ethylene propylene) O-ring : - 50 to + 150 °C for water, condensate and steam.

FKM (floro rubber) O-ring : -25 to + 200 °C for oils, gases and air.

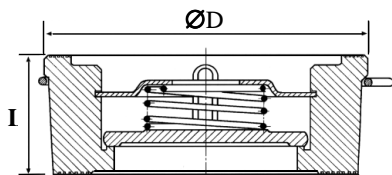
Installation

Installation is in all positions.



The curves given in the chart are valid for water at 20 °C. To read the pressure drop for other fluids the equivalent water volume flow rate must be calculated and used in the graph.

The values indicated in the chart are applicable to spring - loaded valves with horizontal flow.



DIMENSIONS

Size (mm)	15	20	25	32	40	50	65	80	100
L (mm)	16	19	21	27	31	40	46	50	60
D (mm)	39	46	54	70	80	96	113	130	150

CV 10/s1 & s2

Wafer Type

Main Features

Checkvalves are commonly used armatures that can be applied for liquid, gaseous and steam applications. They increase the process safety and can be used instead of complicated armatures. Because of short installation time and installation distance, small dimensions; **AYVAZ Disco Checkvalve** appears to be advantageous.

OPERATING CONDITIONS

Nominal Pressure PN	40
Min. Allowable Temperature (°C)	-10
Max. Operating Pressure (bar)	40-38-37
Temperature Related to Pressure (°C)	100-200-300

WEIGHTS

Connections	Flanged								
Sizes (mm)	15	20	25	32	40	50	65	80	100
Weights (kg)	0.8	0.13	0.18	0.33	0.54	0.89	1.2	2.1	3.1

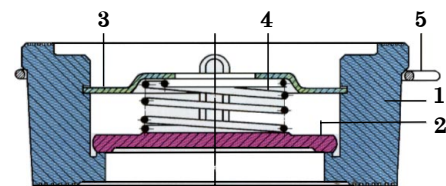
CONNECTIONS

SIZES

CV 10/s1	CV 10/s2		
Wafer Type	Wafer Type	mm	inches
BS 10 tables D, E	BS 10 tables D, E, F, J	15-100	1/2" - 4"
DIN 2501 (PN / 10 / 16 / 40)	DIN 2501 (PN / 6 / 10 / 16 / 40)		
ANSI B 16.1 class 125 FF	ANSI B 16.1 class 125 FF		

OPENING PRESSURES

DN mm	Opening Pressures m/bar			
	Direction of flow			
	Without Springs	With Springs		
		↑	⇒	↓
15	2.5	25	22.5	20
20	2.5	25	22.5	20
25	2.5	25	22.5	20
32	3.5	27	23.5	20
40	4	28	24	20
50	4.5	29	24.5	20
65	5	30	25	20
80	5.5	31	25.5	20
100	6.5	33	26.5	20



Spare Parts	CV 10/s1	CV 10/s2
1. Body	Investment Casting AISI 304	Investment Casting AISI 316
2. Disc	Stainless Steel AISI 304	Stainless Steel AISI 316
3. Segment	Stainless Steel AISI 304	Stainless Steel AISI 316
4. Spring	Stainless Steel AISI 304	Stainless Steel AISI 316
5. Centering Hoop	Stainless Steel AISI 304	Stainless Steel AISI 316