



# CV-10P

## DISCO CHECK VALVE/BRASS

### GENERAL FEATURES

Check valves 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 check valve appears to be advantageous.

Check valves provide the flows just one way. When liquid flows through to flowing direction, check valves open and let it pass. But liquid tries to flow opposite direction of flowing, check valves close and prevent passing.

#### Product Features:

Body: MS58 Brass  
Spring, Disc, Segment: Stainless Steel

#### Working temperature:

According to material from  
-10°C to 250°C.

#### Connections:

Wafer type

#### Nominal Diameter:

DN15 (1/2") – DN100 (4")

#### Working Pressure:

Max 16 bar

#### Applications

- Iron, steel, mining industry
- Heating, ventilation pipelines
- Mineral and oil industry
- Woodworking and paper industry
- The textile industry
- Water, condensate and steam lines
- Shipbuilding

DIAMETERS	
DN (mm)	inch
15-100	1/2" – 4"

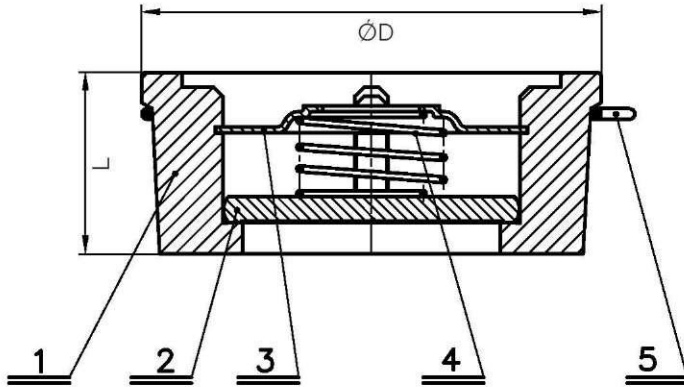
CONNECTION	
ÇV-10P	
BS 10 tables D, E, F DIN 2501 (pN 6/10/16) ANSI B 16.1 class 125 FF between flanges	

WEIGHTS									
Connection Type	Flanged								
Diameter (mm)	15	20	25	32	40	50	65	80	100
Weight (kg)	0,09	0.12	0.19	0.36	0.55	0.95	1.26	2.18	3.26

Can be install every direction.

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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.

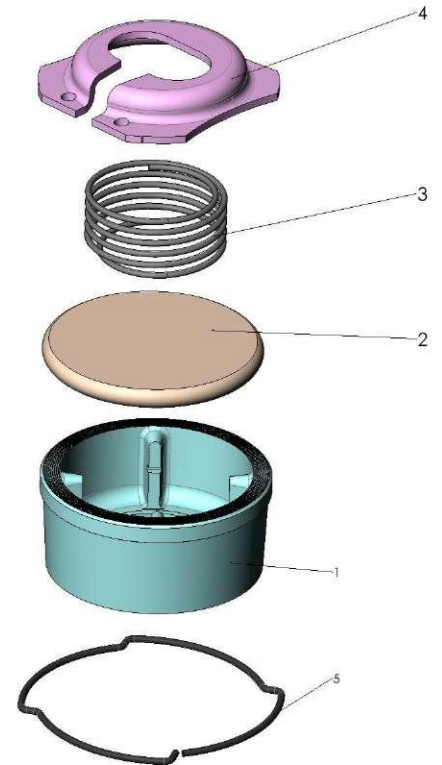
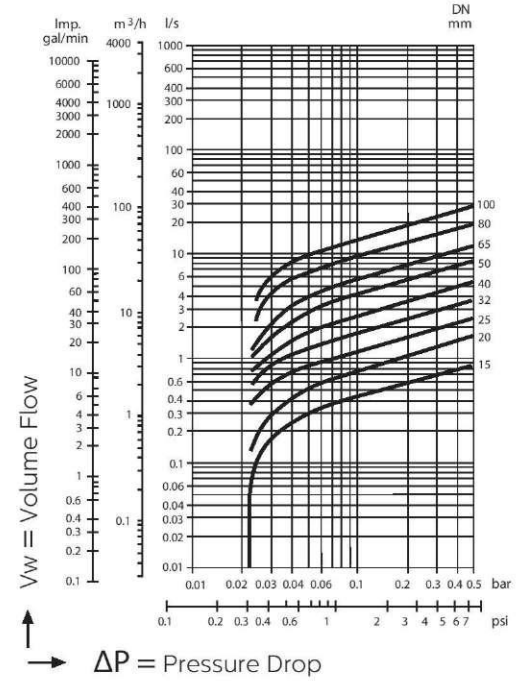


SPARE PARTS		CV 10/P
1	Body	MS58 Brass
2	Disc	Stainless Steel
3	Spring Press Segment	Stainless Steel
4	Disc Press Segment	Stainless Steel
5	Centering Cylinder	Stainless Steel

DIMENSIONS									
Dia. 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

OPEN PRESSURE MBAR				
DN	Flow Direction			
	Without Spring ↑	With Spring		
		↑	⇒	↓
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

Pressure Drop Chart



### HEAD OFFICE - FACTORY

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