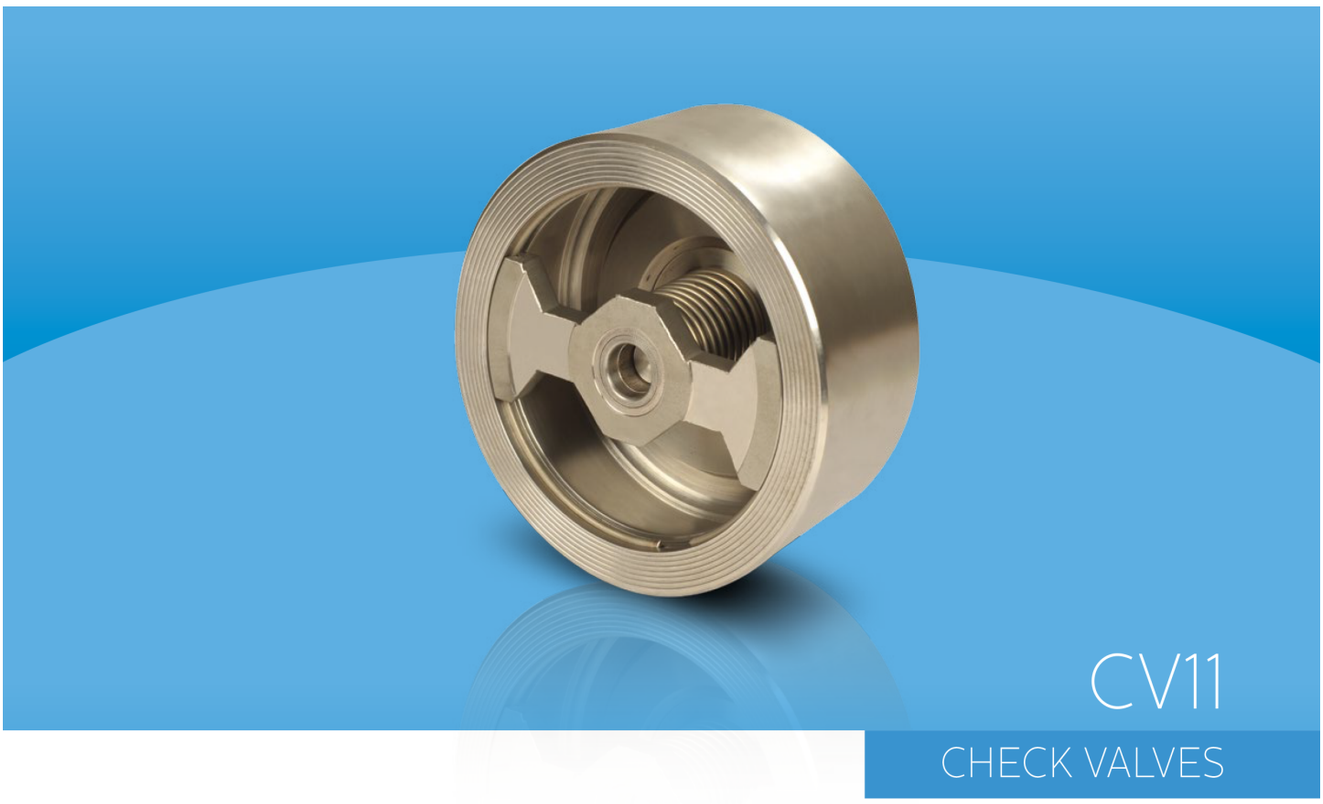
Válvula de Retención de Disco CV-11



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.

Connection:
Wafer type

Installation:
Installation can be done every position.

06.2018

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
Water,condensate and steam lines

Technical Specifications	
Max. Working Pressure	16 bar
Max. Working Temperature	250°C

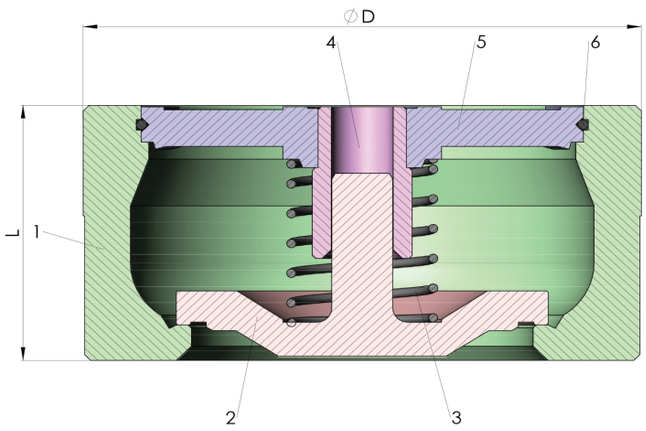
Diameters	
DN (mm)	inch
125-200	5" - 10"

CONNECTIONS	
CV 11 Between Flanges/ Wafer Tip	BS 10 tables D,E,F DIN 2501 (PN/6/10/16) ANSI B 16.1 class 125 FF

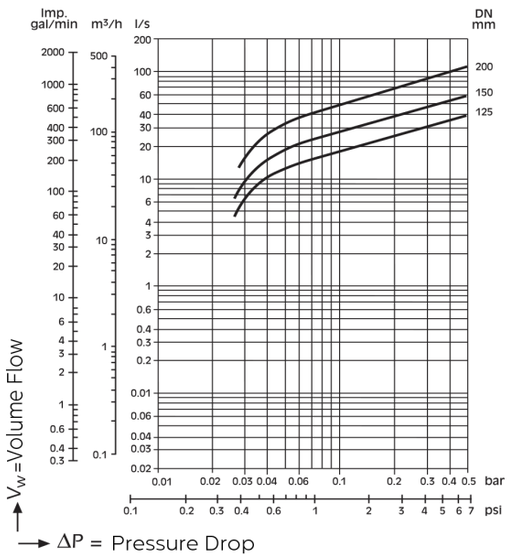
WORKING CONDITIONS	
Nominal Pressure (PN)	16
Min. Temperature (°C)	-10
Max. Working Pressure (bar)	16-13-13
Temp. related to Pressure(°C)	120-200-300

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.

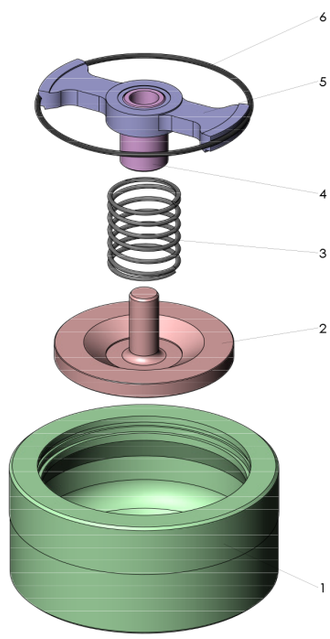
The values indicated in the chart are applicable to spring-loaded valves with horizontal flow.



Pressure Graph



SPARE PARTS		CV 11
1	Body	GG-25 Cast Iron
2	Disc	GG-25 Cast Iron
3	Spring	Stainless Steel
4	Centering Part	Stainless Steel
5	Segment Holder	Cast Iron
6	Segment	Stainless Steel



Dimensions				
Dia. mm	125	150	200	250
D (mm)	183	210	264	328
L (mm)	90	106	142	200

OPENING PRESSURE MBAR				
DN	Flow Direction			
	Without Spring ⇑	Spring		
		⇑	⇒	⇓
125	10,5	31	20,5	10
150	11,5	33	21,5	10
200	11,2	32,4	21.2	10

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