

Disc Check Valve "DCV" - Wafer Type Disc Type Non Return Valve "NRV" Non Slam Check Valve

Catalogue No.
AEA / 1028

"Cair" offers disc check valve (wafer type) especially for chemical, Food processing, Pharmaceuticals, Pulp and Paper, Textiles, Power generation, Refrigeration & Air Conditioning etc. The valves are used in Oil lines, Processing line, Hot and cold water systems, steam and condensates, Gas lines etc.



Wafer Type



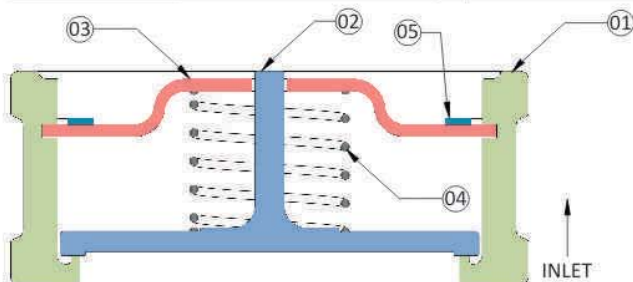
(Size : 1/2" to 1" S/E)



Lug Type Design
(Size : 1.1/4" to 2")

Technical Specifications :

Pressure	Maximum Operating Pressure 20 Bar
Temperature	Maximum Operating Temperature 300 °C
Flange Standard	1. BS 10 Table D, E & H (65 NB & 80 NB will not be fitted between 'E' Flanges) 2. DIN : PN 6, 10, 16, 25, 40 3. JIS 5, 10, 16, 20 (40 NB, 50 NB, 80 NB & 100 NB will not be fitted between JIS 5 Flanges)

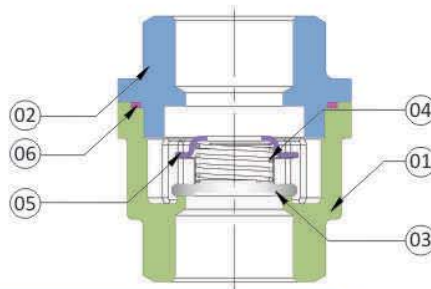


This Specification Wafer Type DCV

No.	Description	Material	Qty.
01	Body	WCB / CF8 / CF8M	01
02	Disc	CF8M	01
03	Retainer	CF8 / CF8M	01
04	Spring	S. S. 304 / 316	01
05	Stopper	CF8	01

This Specification Size 1/2" to 1" S/E

No.	Description	Material	Qty.
01	Body	CF8 / CF8M	01
02	Connector	CF8 / CF8M	01
03	Disc	S. S. 304 / 316	01
04	Spring	Spring Steel	01
05	Retainer	S. S. 304	01
06	Body Seal	PTFE	01



Size Range : 1/2" to 4" Screwed

Size Range : 1/2" to 12" Wafer Type

Operation

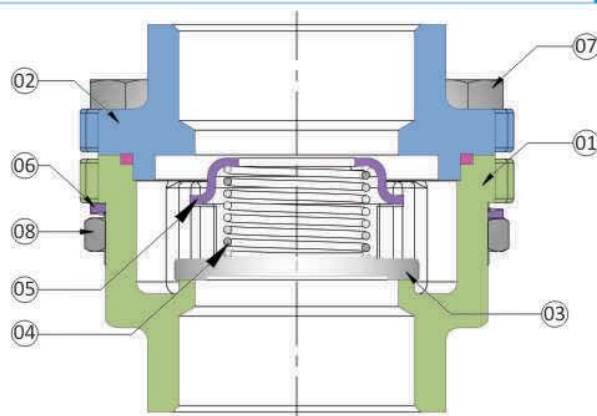
- Disc Check Valves are opened by the pressure of the fluid and closed through compression spring as soon as flow stops thus preventing reverse flow.

Standard

- Designed and Manufactured in accordance with BS 7438

Silent Features :

- Disc Check Valve is an advance design which gives full flow and occupy very less space than other type of Non Return Valve. This also available **IBR Certificate in Form III C.**
- DCVs are simple to fit between tow pipe flanges.
- Spring loaded disc to prevent reverse flow in pipe lines.
- Stronger, lighter and smaller than conventional swing check valves, hence less expensive to install and maintain.
- Compact Design of Valves flexibly accommodates various types of flange selection.
- The valves can be fitted in any plane / direction in pipe lines.
- Available in 15 mm to 300 mm sizes
- Extremely low operating pressure.
- Self centering type design.
- Zero leakage for soft seated valves
- Testing : As per API 598.



This Specification Size 1.1/4" to 2" Lug Type Design

No.	Description	Material	Qty.
01	Body	CF8 / CF8M	01
02	Connector	CF8 / CF8M	01
03	Disc	S. S. 304 / 316	01
04	Spring	Spring Steel	01
05	Retainer	S. S. 304	01
06	Body Seal	PTFE	01
07	Hex Bolt	S. S. 304	04
08	Hex Nut	S. S. 304	04