



DCV3
(Supersedes DCV2)
Stainless Steel Body & Disc
Metal Seat
Spring-Loaded
Check (Non-Return) Valve
Multi-Flange Wafer Type

PN6/10/16/25/40, BST E* & H, JIS 5**/10/16/20

* not suitable for DN65 - DN80
** not suitable for DN40 - DN100



spirax
/sarco

The Spirax Sarco DCV3 check (non-return) valve is suitable for use on a wide range of fluids for applications in process lines, hot water systems, steam and condensate systems etc.

It can be fitted in the horizontal position or in the vertical position with the flow going upwards.

Approvals, Features & Benefits

- EN 558 part 1, series 49
- Robustly manufactured
- Spring loaded
- Suitable for upward & horizontal flow
- Space saving
- Heavy & high temp duty spring options
- Can be supplied without spring
- Viton seat option for oil, air & gas
- EPDM seat option for water

Pressure & Temperature

Pressure range:-
PN40 Rated

Temperature Range:-

Standard spring :

-10°C to 300°C @ 33.3 Bar

High temperature spring :

-10°C to 400°C @ 31.2 Bar

Without spring :

-60°C to 400°C @ 31.2 Bar

DN	15	20	25	32	40	50	65	80	100
A	60.0	69.5	80.5	90.5	101	115	142	154	184
B	43	53	63	75	85	95	115	133	154
C	38	45	55	68	79	93	113	128	148
D	16	19	22	28	31.5	40	46	50	60
E	29.0	35.7	44.0	54.5	65.5	77.0	97.5	111.5	130.0
F	15	20	25	32	40	50	65	80	100
Kv	4.4	6.8	10.8	17	26	43	60	80	113
Weight Kg	0.13	0.19	0.32	0.55	0.74	1.25	1.87	2.42	3.81

MATERIALS

Body	Austenitic Stainless Steel (WS 1.4581)
Disc	Stainless Steel (316)
Spring Retainer	Stainless Steel (316)
Spring	Stainless Steel (316) • High Temp Version - Nickel Alloy (Nimonic 90)
Seat	Stainless Steel • Viton option (-25°C to 205°C) • EPDM option (-40°C to 120°C)

Pressure loss diagram

