

CHECK VALVE - WAFER

TYPE 6116



armatec

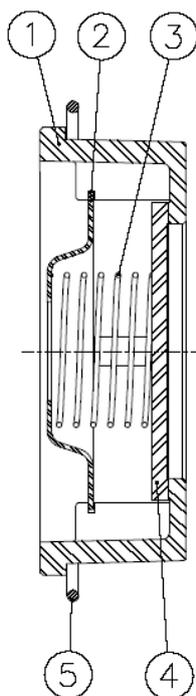


GENERAL

DIMENSION: DN15 TO DN100
PRESSURE: PN40
TEMPERATURE: -20°C TO 240°C
(PRESSURE AND TEMPERATURE ARE INTERDEPENDENT)
SEALING: METALLIC
MATERIAL: ACID-PROOF STAINLESS STEEL
CONNECTION: WAFER TYPE
FACE TO FACE: EN 558-1
COUNTER FLANGES: EN 1092 PN10/16/25/40,
ANSI 150/300

OPTION

DIMENSION: DN125 TO DN200
PRESSURE: PN25



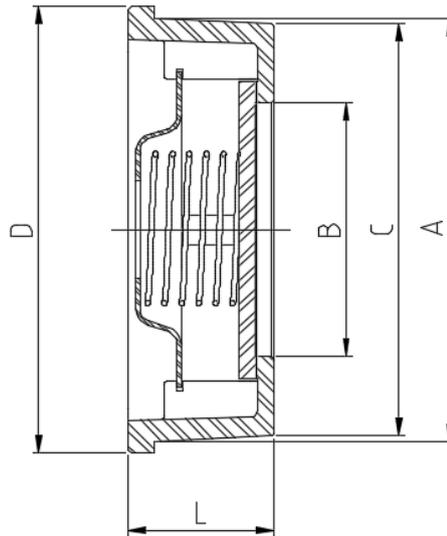
POS	DESCRIPTION	MATERIALS
1	BODY	STAINLESS STEEL 1.4408 (CF8M)
2	SPRING CAP	STAINLESS STEEL AISI 316
3	SPRING	STAINLESS STEEL AISI 316
4	DISC	STAINLESS STEEL 1.4408 (CF8M)
5	CENTERING RING	STAINLESS STEEL

DESCRIPTION

- **Solid check valve** in acid-proof stainless steel with metal seal for mounting between flanges. The valve has a very cleaning-friendly surface.
- **Face-to-face dimensions** are standard (EN 558-1) and the same as the current valves on the market. Therefore the valve can be mounted between many existing flanges.
- **Spring closed disc** allows installation in all directions.
- **Material certificate EN10204/3.1** is available because of the traceability on all check valve.

DS-6116-UK-03-2026-REV. B
We reserve the right for changes.

DIMENSION



DIMENSION		D	A	B	C	L	WEIGHT [KG]
[MM]	[INCH]						
DN15	1/2"	39	34	15	33.0	16	0.085
DN20	3/4"	46	41	20	40.0	19	0.122
DN25	1"	54	49	25	47.5	22	0.198
DN32	1 1/4"	70	62	32	59.5	28	0.380
DN40	1 1/2"	81	71	40	68.0	32	0.520
DN50	2"	94	85	48	81.5	40	0.775
DN65	2 1/2"	113	102	62	97.0	46	1.240
DN80	3"	132	123	75	117.5	50	1.865
DN100	4"	150	140	95	134.5	60	2.650
DN125	5"	187	177	118	169.0	90	5.500
DN150	6"	217	205	140	196.0	106	8.300
DN200	8"	274	261	185	245.5	140	16.100

VALVE DATA

Opening pressure [mbar] ↕ ↗		Kv [m ³ /h]
DN 15	24~30	4.9
DN 20	24~30	8.8
DN 25	24~30	11.2
DN 32	24~30	20.7
DN 40	24~30	29.0
DN 50	24~30	40.0
DN 65	24~30	57.0
DN 80	20~26	85.0
DN 100	20~26	95.0
DN 125	30~36	192.0
DN 150	30~36	255.0
DN 200	30~36	425.0

PRESSURE / TEMPERATURE

