

WAFER TYPE SPRING LOAD CHECK VALVE

Model : Series SWS(b)

DIN PN 16/40

- **Body Material**
DIN 1.4408
- **Size Range**
DN15~DN300
- **Pressure Rating**
DIN PN16 / PN40
- **Standards**
EN12266-1
- **Face to Face**
EN 558 Series 49 (DIN 3202 K4)
- **Temperature Range**
Metal seat : -20°C to 260°C
Soft seat with VITON O-ring : -20°C to 180°C
NBR O-ring : -20°C to 80°C

Materials List:

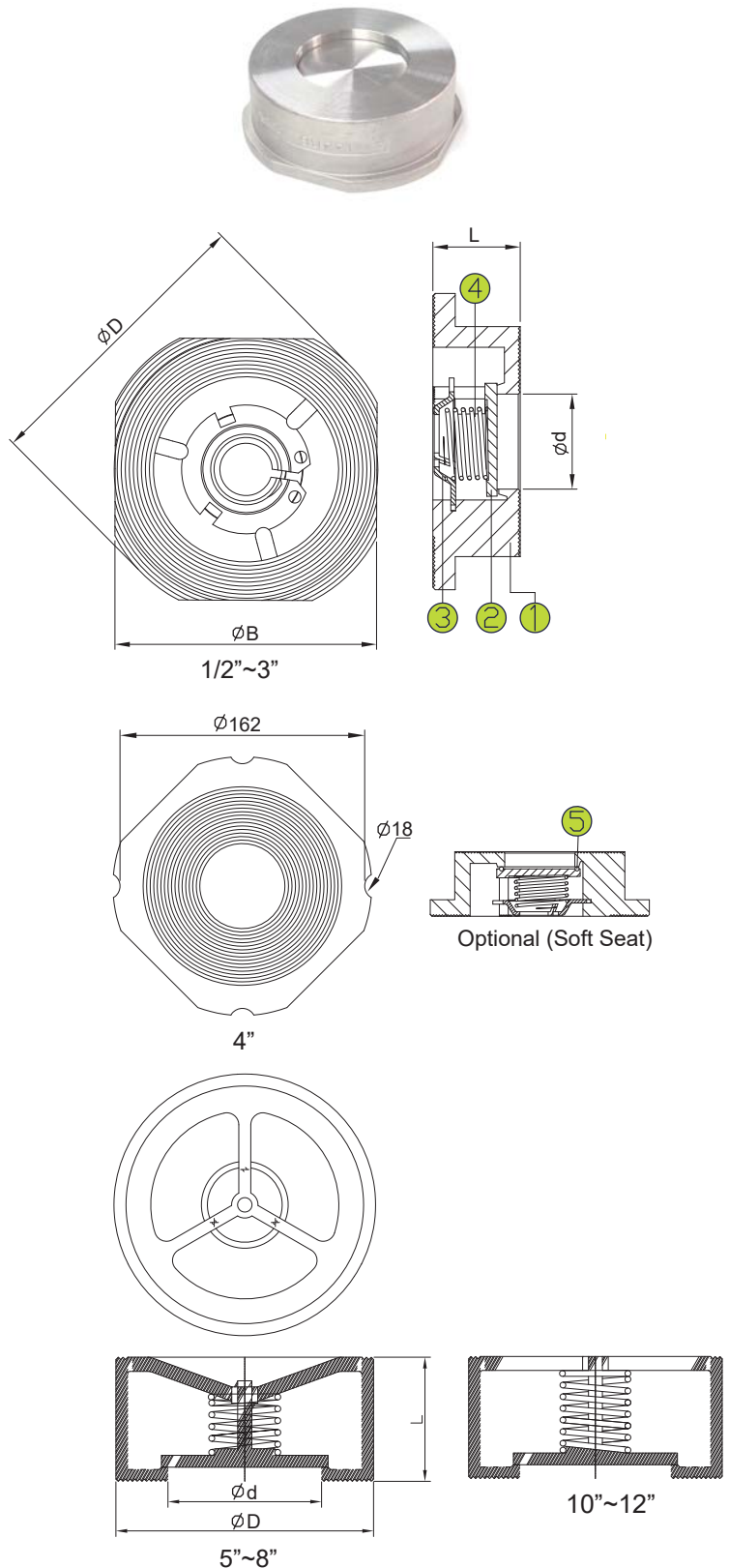
NO	PART NAME	MATERIAL
1	BODY	1.4408/CF8M/1.4308/CF8
2	DISC	SS316/SS304
3	CAP	SS316/SS304
4	SPRING	SS316/SS304
5	O-RING (Optional)*	VITON/NBR

* Not available for DN15

Dimensions (mm):

SIZE		d	B	D	L
DN	IN				
1/2"	15	12.5	44.6	54	16
3/4"	20	20	54	62	19
1"	25	25	65	73	22
1-1/4"	32	32	78	83	28
1-1/2"	40	38	88	93	31.5
2"	50	49	101.6	107	40
2-1/2"	65	64	120.4	126.5	46
3"	80	78	133	144.2	49
4"	100	98	164	171.4	60
5"	125	110	-	190	90
6"	150	130	-	220	105
8"	200	200	-	270	140
10"	250	249	-	345	150**
12"	300	295	-	410	160**

** Manufacturer's length



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Opening Pressure Standard In mbar

SIZE		FLOW DIRECTION		
DN	IN	↑	↓	→
1/2"	15	25	21	23
3/4"	20	25	21	23
1"	25	25	21	23
1-1/4"	32	27	21	24
1-1/2"	40	29	21	25
2"	50	29	21	25
2-1/2"	65	31	21	25
3"	80	32	21	26
4"	100	33	21	27

