

CHECK VALVE

Wafer Type Spring Load Check Valve
 PN16/PN40, DN15~DN300

MODEL: KRD-SWS

» **Body Material**

DIN 1.4408

» **Size Range**

1/2" - 12" (DN15~DN300)

» **Pressure Rating**

DIN PN16/PN40

» **Standards**

Inspection acc. to 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:

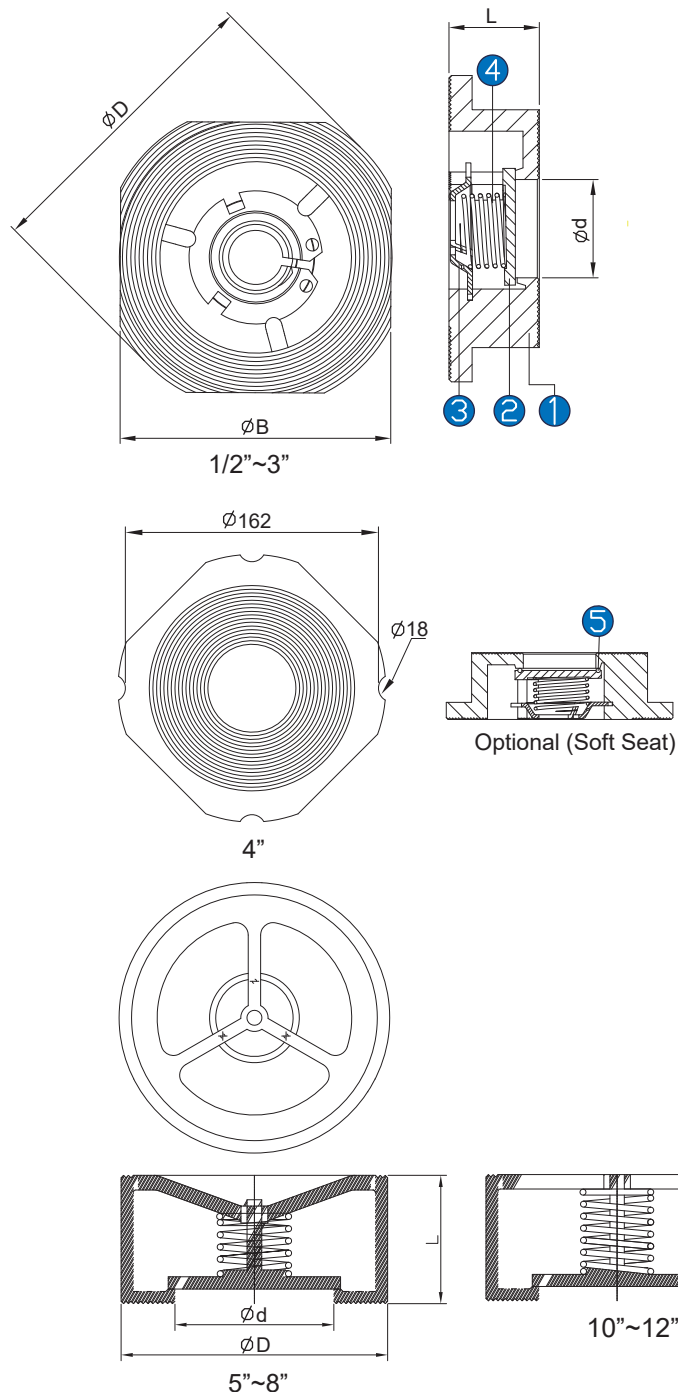
NO	PART NAME	MATERIAL
1	BODY	1.4408/CF8M/1.4308/CF8
2	DISC	SS316/SS304
3	CAP	SS316/SS304
4	SPRING	SS316/SS304
5	O-RING (Optional)*	NBR/VITON

* Not available for DN15

Dimensions (mm):

SIZE		d	B	D	L
IN	DN				
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



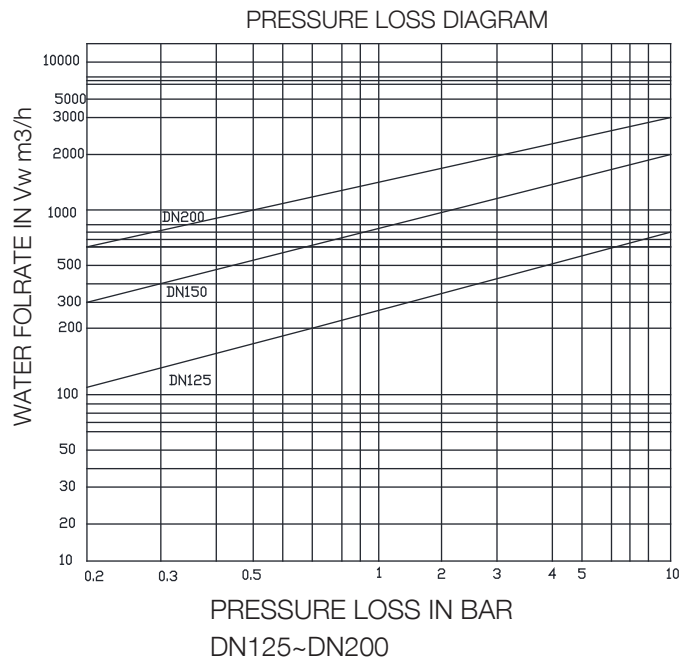
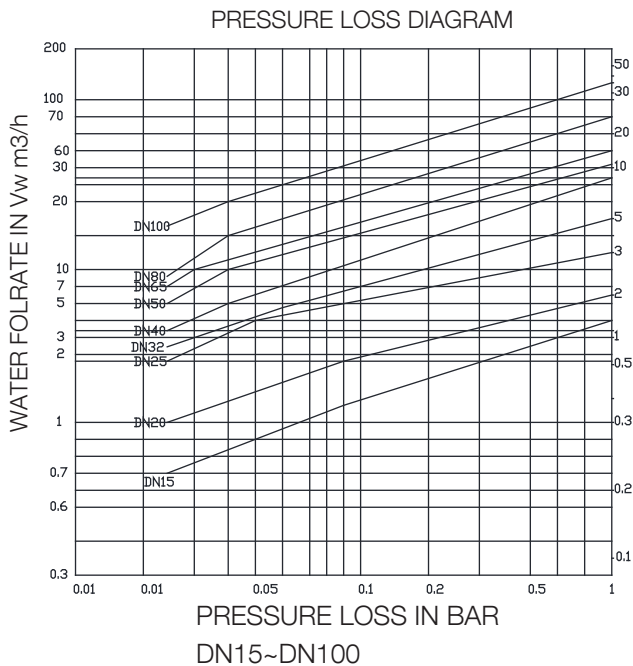
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Opening Pressure Standard In mbar:

SIZE		FLOW DIRECTION		
IN	DN	↑	↓	→
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



All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

