

Model: 1P-NCH

DIN PN16/40



Design feature:

- Applications for Hydraulic, Chemical, Steam, Oil/ Gas, Oxygen, Vacuum.
- Compact dimensions and weights.
- Metal To Metal Seat. (Rubber seat is option)
- Full port, very low pressure drops.
- Investment cast body construction.
- EN 10204 3.1 certificate available
- Optional: customized spring

Specifications:

- Flow bore: Full port.
- Rating: DIN PN16, PN40; please specify.
- Temperature: -20°F ~ 500 °F
- Materials: EN10213 1.4408
- Size range: 1/2"~ 8"(DN15~200)

Standard:

- Overall Length To DIN3202 K4..
- Inspection & testing according to API 598.
- PED 97/23/EC; ISO 9001

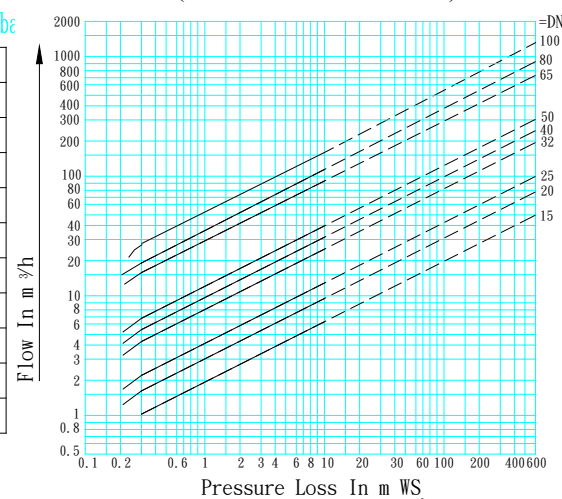
Dimension List (DIN PN40)

SIZE	DN	d	D	B	L	A
1/2"	15	13.5	54	44.6	16	34
3/4"	20	19	60	54	19	39
1"	25	25	73	65	22	48
1-1/4"	32	32	83	78	28	60
1-1/2"	40	38	93	88	31.5	70
2"	50	50	107	101.6	40	77
2-1/2"	65	64	126.5	120.4	46	101
3"	80	79	142	134.5	50	116
4"	100	98	162*	164	60	134
5"	125	110		190	90	
6"	250	130		218	105	
8"	200	170		273	140	

Opening pressure standard in mini bar

Size	Flow direction		
	↑	↓	→
DN15	25	21	23
DN20	25	21	23
DN25	25	21	23
DN32	27	21	24
DN40	29	21	25
DN50	29	21	25
DN65	31	21	25
DN80	32	21	26
DN100	33	21	27

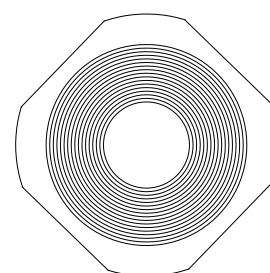
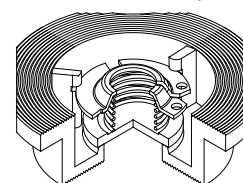
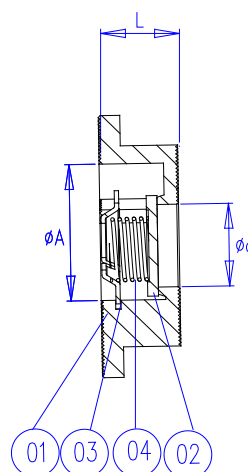
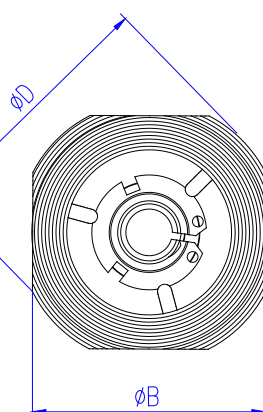
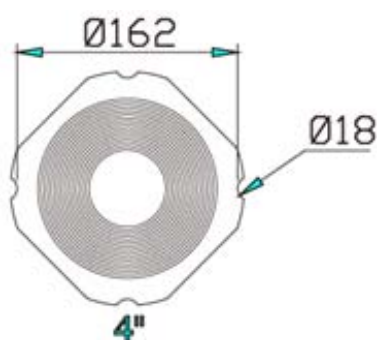
Pressure Loss Curves
(Referred to Water at 20°C)



* By special request only, to meet both DIN PN16/40

Materials Specifications

NO	Description	Materials
1	BODY	1.4408
2	DISC	SS316
3	CAP	SS316
4	SPRING	SS316



Wafer Type Spring Load Check Valve

ANSI Class 150



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- Full port, very low pressure drops.
- Investment cast body construction.
- EN 10204 3.1 certificate available
- Optional: customized spring

Specifications:

- Flow bore: Full port.
- Rating: Class 150
- Flange available: ANSI 150
- Temperature: -20°F ~ 500°F
- Materials: CF8M
- Size range: 1/2"~ 6"(DN15~150)

Standard:

- Inspection & testing according to API 598.
- PED 97/23/EC; ISO 9001

Dimension List (ANSI Class 150)

SIZE	DN	d	D	B	L	A
1/2"	15	15	-		18	26
3/4"	20	20	-		22	34
1"	25	25	-		28	42
1-1/4"	32	32	-		32	52
1-1/2"	40	38	-		37	62
2"	50	50	-		47	78
2-1/2"	65	65	126	126	47	93
3"	80	80	144	144	50	116
4"	100	97	164	164	60	134
5"	125	110	-		90	155
6"	150	130	-		105	178

Materials Specifications

NO	Description	Materials
1	BODY	CF8M
2	DISC	SS316
3	CAP	SS316
4	SPRING	SS316

Opening pressure standard in mini bar

Size	Flow direction		
	↑	↓	→
DN15	25	21	23
DN20	25	21	23
DN25	25	21	23
DN32	27	21	24
DN40	29	21	25
DN50	29	21	25
DN65	31	21	25
DN80	32	21	26
DN100	33	21	27

