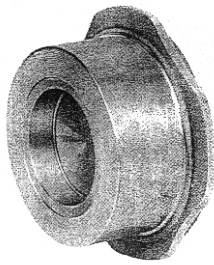


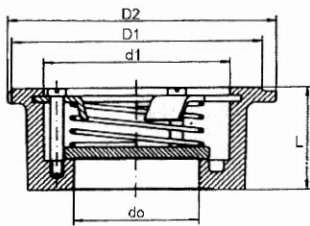
# WAFER CHECK VALVES

## Brass or cast iron disc NP 16

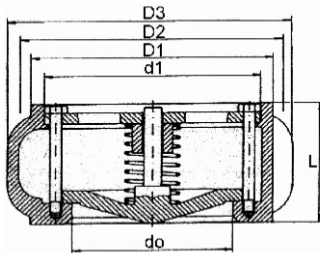
### Art. 007.2001



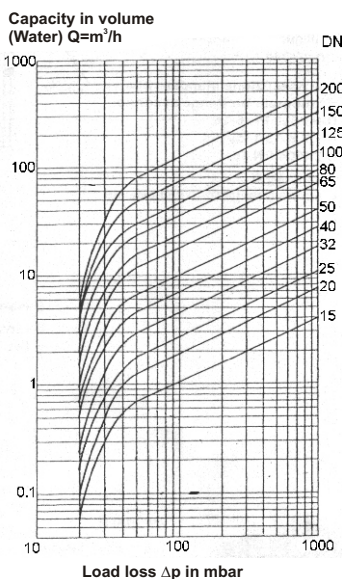
Art. 007.2001



Sec.Art. 007.2001  
ND 15 ÷ ND 100



Sec.Art. 007.2001  
ND 125 ÷ ND 300



**Execution:** brass body CuZn39Pb3 (ND 15÷100), cast iron body GG 25 (ND 125÷200) - stainless steel shutter (ND 15÷100), cast iron one GG 25 (ND 125÷200) - stainless steel spring - gauge DIN 3202/K4 - short face to face dimension DIN 2501 NP 6-16, ANSI B 16.1 25/125, BS 4504 NP 6-16 - seal relief DIN 25165 C shaped - sealed by spring-loaded plate or cone, guided by guiding pins.

#### Diameters: DN 15 ÷ DN 200

Max pressure 16 bar

Max temperature 250°C

Min temperature -30°C (ND 15÷100)

Min temperature -10°C (ND 125÷200)

**Employments:** hot and cold water - gas - steam. For the opening it is necessary a minimum pressure, if it is not reached you can remove the closing spring. Without the closing spring the valve must only be mounted in vertical pipes with down-to-up liquid flow

#### Working pressures

Nominal pressure	Nominal diameter	Max body pressure test bar	Seat seal pressure test bar	Max working pressure in bar				
				50°C	80°C	100°C	120°C	250°C
NP	ND							
6/10/16	15-200	24	16	16	16	16	16	13

#### Sizes-opening pressure

ND	L	D1	D2	D3	do	d1	ca.kg	Opening pressure in mbar			
								↔	↓	↑	↑ Without spring
15	17	43	51	-	15	28	0.15	20	16	24	4
20	20	53	61	-	20	33	0.25	20	16	24	4
25	23	64	71	-	25	41.5	0.3	20	16	24	4
32	28	76	82	-	32	51.5	0.5	20	16	24	4
40	31.5	86	92	-	40	58.5	0.65	20	15.5	24.5	4.5
50	40	96	108	-	48.5	71.5	0.9	20	15	25	5
65	46	116	127	-	63	90	1.2	20	14.5	25.5	5.5
80	51	132	142	-	77	110	2.0	20	13.5	26.5	6.5
100	61	152	162	-	96	126	2.8	20	13.5	26.5	6.5
125	90	184	192	210	118	161	10	20	-	34	14
150	106	209	218	250	138	186	13	20	-	33	13
200	140	263	273	273	194	240	22	20	-	32	12

