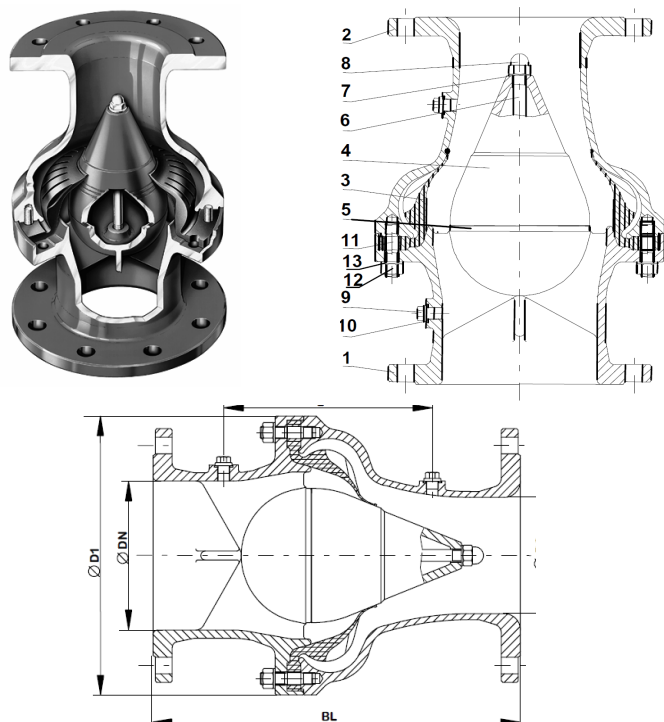


CHECK VALVES

Diaphragm check valve
Hydro-stop
DN 40-400, PN10-16



PARTS

No.	Part	Material	
		DIN	ASTM
1	Body (inlet)	EN-GJL-250 (GG 25)	A 48 Cl. 40
2	Body (outlet)	EN-GJL-250 (GG 25)	A 48 Cl. 40
3	Diaphragm ≤60°C >60°C ja ≤90°C	NBR EPDM	
4	Flow guide DN65, 80, 100, 150	EN-GJL-250 (GG 25) Polypropylene	
5	Gasket		
6	Tie bolt	X 20 CrNi	
7*	Seal ring	Cu	
8	Cap hunter	A2-50	
9	Plug	CuZn39Pbe	
10	Plug gasket		
11	Body bolt	A2-70	
12	Body nut	a2-50	

*DN40, 200-400 only

DIMENSIONS AND WEIGHTS

DN	PN	ØD1	ØD2	BL	L	kg	m³/h (2 m/s)	Δp (2 m/s)
40	10 - 16	150	32,5	180	105	8,4	9,0	0,14
50	10 - 16	175	50	200	105	12,0	14,0	0,14
65	10 - 16	220	61	240	135	18,0	24,0	0,14
80	10 - 16	220	80	260	143	20,0	36,0	0,14
100	10 - 16	292	85	300	163	33,5	57,0	0,14
125	10 - 16	292	114	350	203	38,0	88,0	0,14
150	10 - 16	292	120	400	233	44,0	127,0	0,14
200	10 - 16	374	156	500	283	84,0	226,0	0,14
250	10 - 16	446	200	600	323	134,0	353,0	0,14
300	10 - 16	550	225	700	393	220,0	509,0	0,14
350	10	645	270	800	500	280,0	693,0	0,14
400	10	720	310	900	570	390,0	905,0	0,14

STANDARDS

- » Flanges acc. to EN 1092 part 2
- » Face to face length acc. to EN 558 part 1 column 48
- » Requirements acc. to DIN 3230 part 4 and PED 97/23/EU Art. 1 Chapt. 3 without CE-marking
- » Tests acc. to DIN 3230 part 3 -BA, -BN with Leak rate 3
- » Diaphragm of NBR for water and oil up to 60°C acc. to KTW recommendation, with epoxy coating acc. to KTW recommendation and W 270
- » Diaphragm of EPDM for water > 60°C to ≤ 90°C acc. to KTW recommendation, with polyamid coating acc. to KTW recommendation and W 270

SPECIFICATION

- » Without mechanically operated parts
- » At a velocity of approx. 1 m/s the diaphragm starts to open and is fully open at approx. 2 m/s
- » Suitable for all installation orientations

All dimensions, weights and other technical data given are subject to revision.