



ABO valve

PALM
Tecnologia em Alta Pressão

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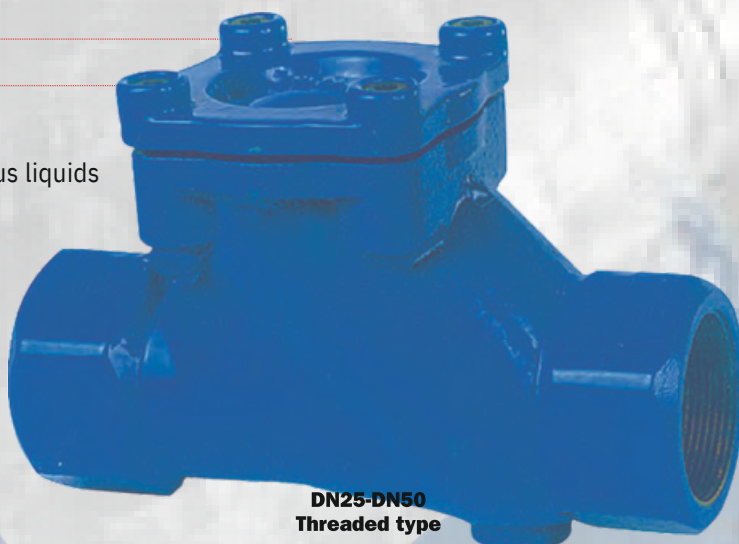
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BALL CHECK VALVES

Body type	THREADED / FLANGED
Nominal size	DN25 - DN400
Working pressure	10 bar / 16 bar
Flange connection	PN10 / PN16
Working temperature	-10°C / +120°C
Working media	Waste water Sink water Thick and viscous liquids Sewage Potable water



DN25-DN50
Threaded type



DN50-DN400
Flanged type

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FLANGED DESIGN

Czech Industrial Valve Manufacturer

Applications

- § waste water
- § sewage
- § thick and viscous liquids
- § potable water



Working conditions

Working temperature:

-10°C / +70°C (NBR)

-10°C / +120°C (EPDM)

Working pressure max:

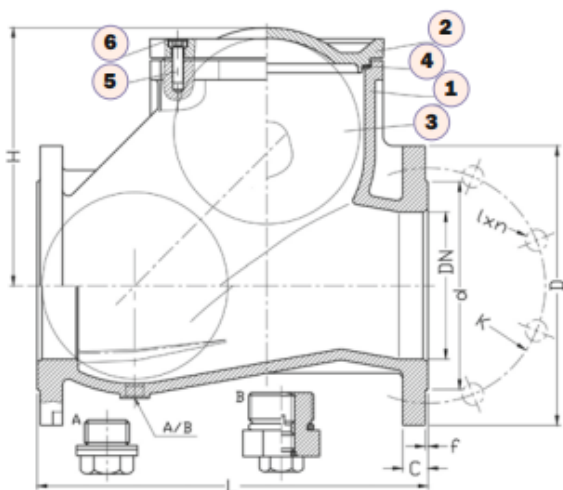
10 bar / 16 bar

Standards

Face to face length	EN 558-1
Flange connection	EN 1092-1

Material performance

1	Body	Ductile iron 0.7040 (GGG40) Grey cast iron 0.6025 (GG25)
2	Bonnet	Ductile iron 0.7040 (GGG40) Grey cast iron 0.6025 (GG25)
3	Ball	Grey cast iron 0.6025 (GG25) Aluminium / NBR / EPDM
4	Gasket	NBR
5	Screw	Steel Fe / Zn5/ Stainless steel
6	Screw stopper	Wax



Basic dimensions

DN	PN		L	H	d	D	K	I	C	f	n	kg
50	-	10	200	113	102	165	125	19	19	3	4	8
65	-	10	240	126	122	185	145	19	19	3	4	13
80	-	10	260	162	138	200	160	19	19	3	8	17
100	-	10	300	194	158	220	180	19	19	3	8	24
125	-	10	350	214	188	250	210	19	19	3	8	34
150	-	10	400	260	212	285	240	23	19	3	8	52
200	10	16	500	320	268	340	295	23	20	3	12	83
250	10	16	600	365	319	405	355	23/28	22	3	12	136
300	10	16	700	427	370	460	410/400	23/28	25	4	12	229
350	10	16	800	427	429	520	460	23	27	4	16	260
400	10	16	900	537	480	580	515	28	28	4	16	395

Dimensions are mentioned in mm.

THREADED DESIGN



Applications

waste water
sewage
thick and viscous liquids
potable water



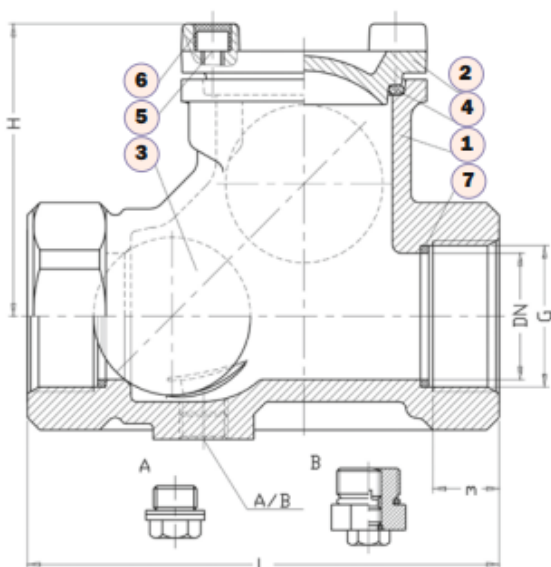
Working conditions

Working temperature:

-10°C / +70°C

Working pressure max:

10 bar / 16 bar



Standards

Face to face length

EN 558-1

Flange connection

EN 10226-1

Material performance

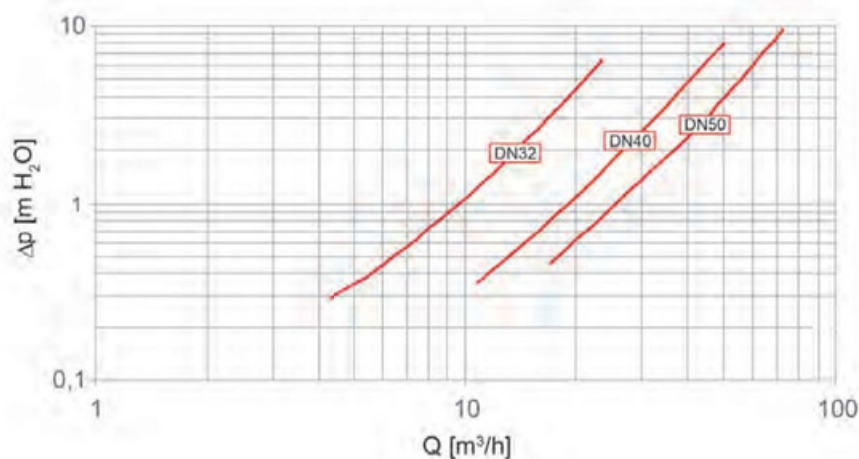
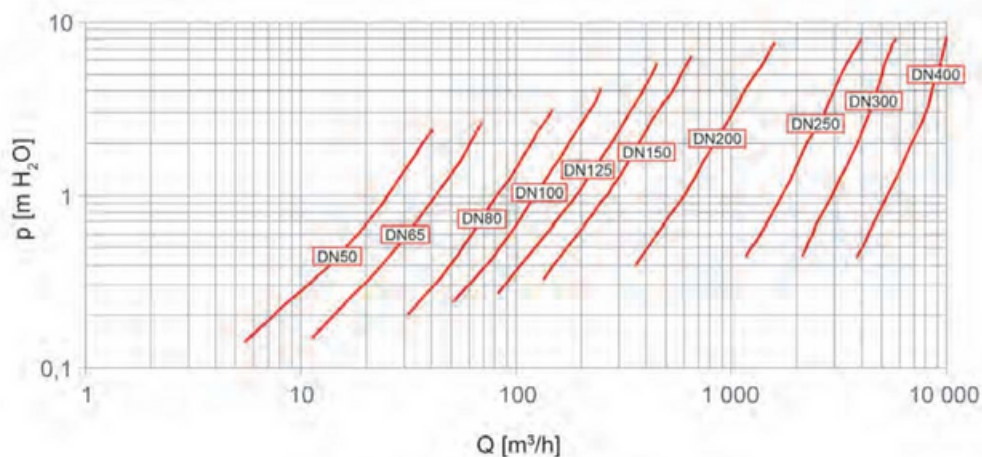
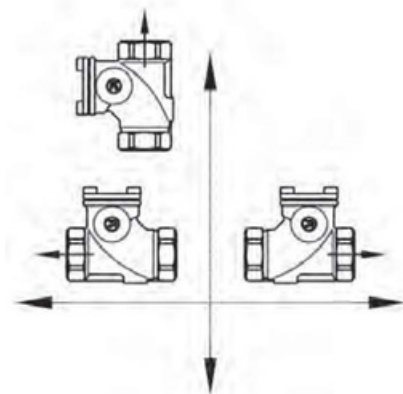
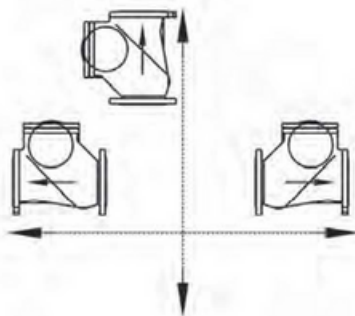
1	Body	Ductile iron 0.7040 (GGG40) Grey cast iron 0.6025 (GG25)
2	Bonnet	Ductile iron 0.7040 (GGG40)
3	Ball	Aluminium / NBR / EPDM
4/7	Gasket	NBR / EPDM
5	Screw	Steel Fe / Zn5/ Stainless steel
6	Screw stopper	Wax

Basic dimensions

DN	G	L	m	H	kg
25	1'' _a	120	18 _a	75	1,7 _a
32	5/4'' _a	140	18 _a	75	2,2 _a
40	6/4'' _a	150	20 _a	89	3,1 _a
50	2'' _a	220	35 _a	113	5,0 _a

Dimensions are mentioned in mm.





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