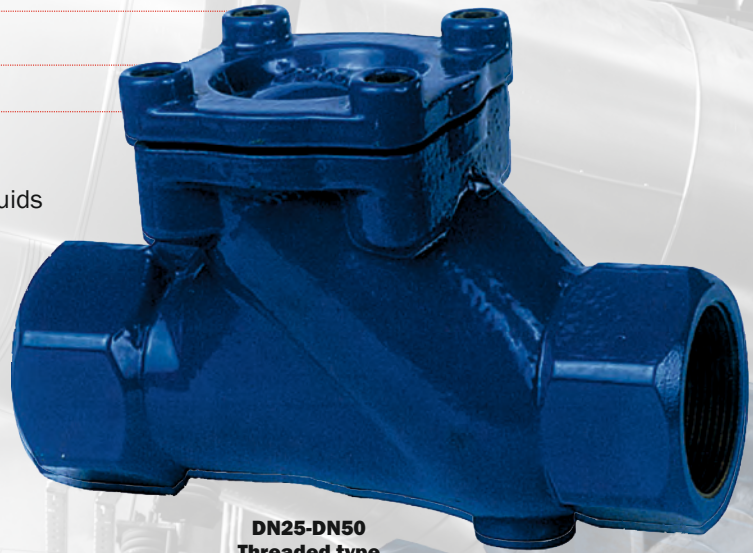


# ABO valve

## BALL CHECK VALVES

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



DN25-DN50  
Threaded type



DN50-DN400  
Flanged type

# 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

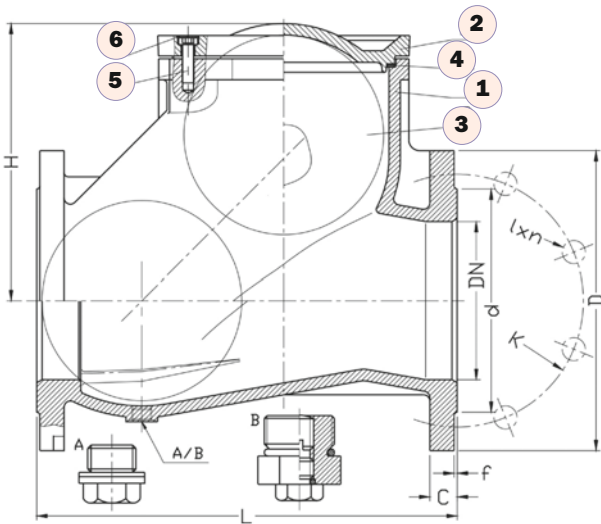
## Standards

**Face to face length** EN 558-1

**Flange connection** EN 1092-1

## Material performance

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



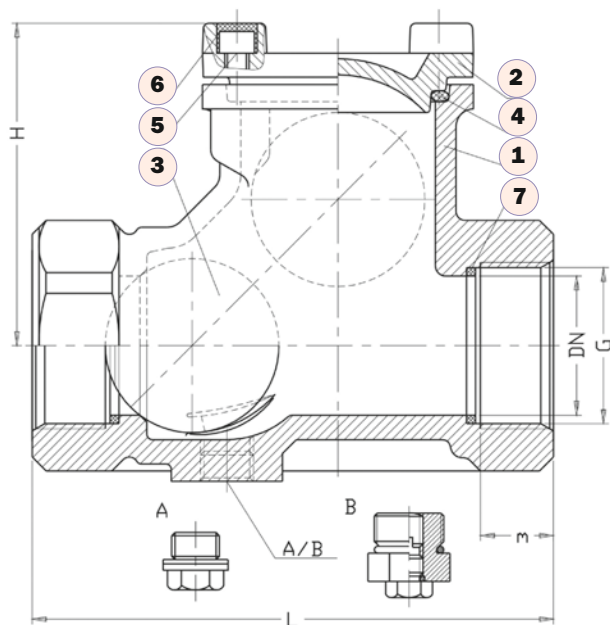
## Working conditions

### 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

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

## Basic dimensions

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

*Dimensions are mentioned in mm.*

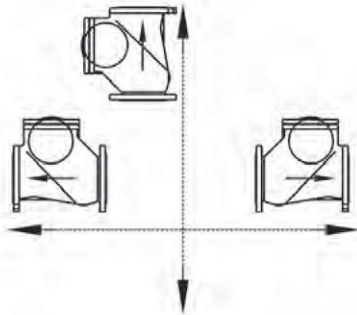


# TECHNICAL INFORMATION

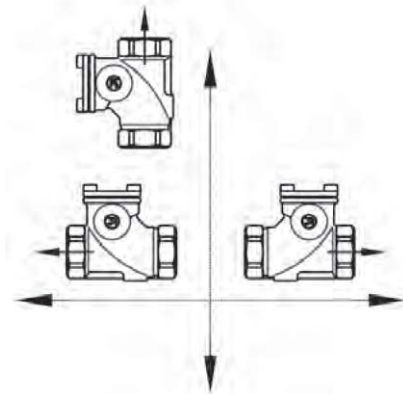
Czech Industrial Valve Manufacturer

## Installation

### FLANGED

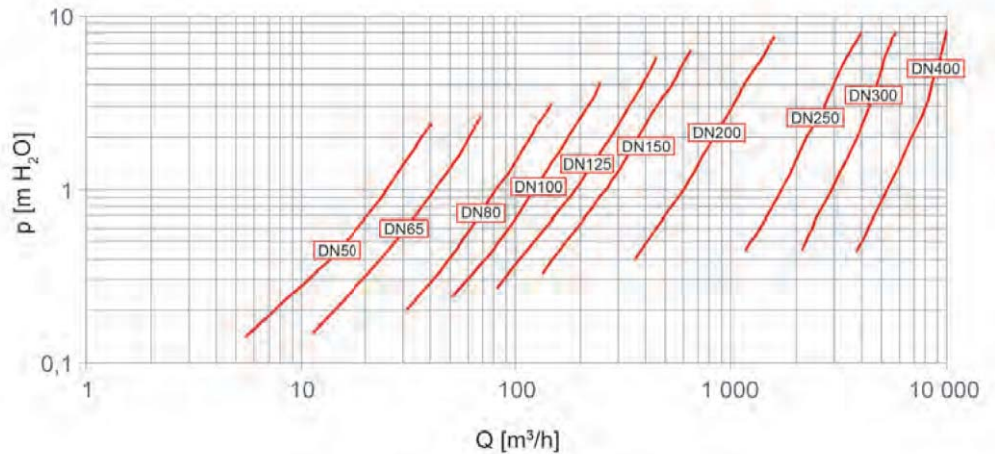


### THREADED

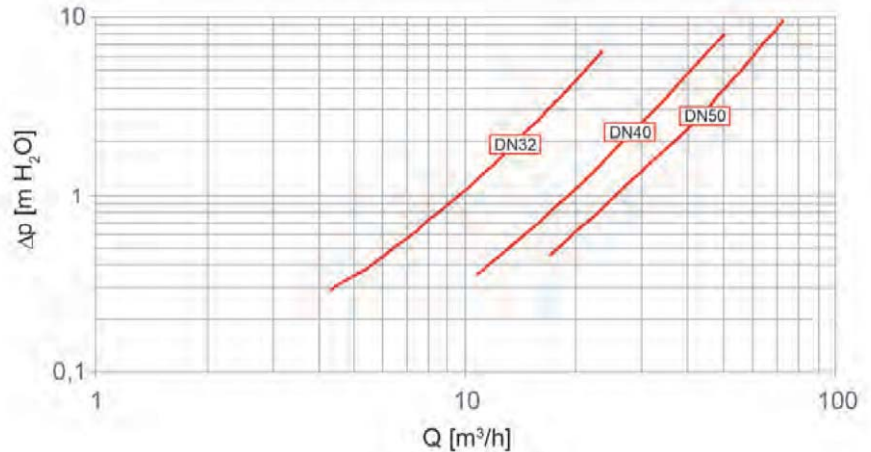


## Graph of the pressure losses

### FLANGED



### THREADED



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