

BV41AQ-3434B-PN10/16 DN50 - DN300

BALL CHECK VALVE



TECHNICAL DESCRIPTION

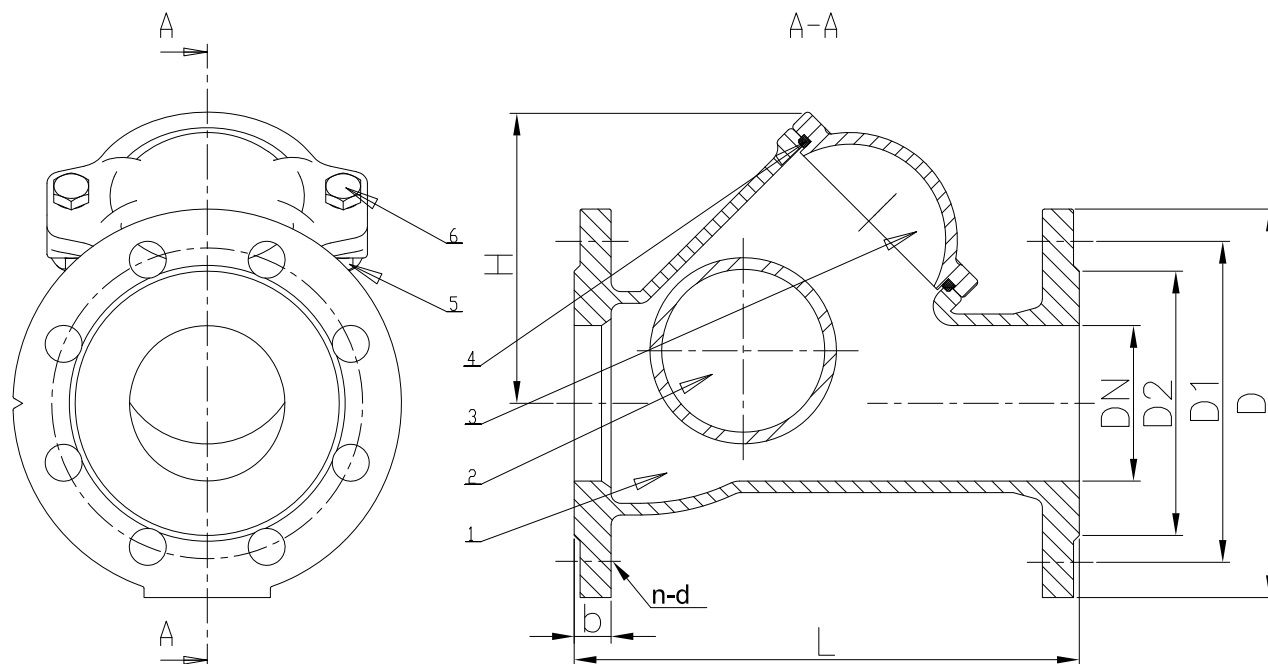
- Flanged ball check valve for sewage water and neutral liquids
- Sinking ball made of steel covered with NBR
- Full straight bore ensures low pressure loss
- Testing acc. to ISO 5208 with water
- Minimum back pressure for tightness 0,2 to 0,5 bar
- Max. working pressure : PN16 : 16 bar / PN10 : 10 bar
- Body hydro-test pressure : PN16 : 24 bar / PN10 : 15 bar
- Seat hydro-test pressure : PN16 : 17,6 bar / PN10 : 11 bar
- Max. allowable temperature : 80°C
- Flange drillings acc. EN 1092-2 (ISO 7005-2)
- Face to face dimensions acc. EN-558-1 series 48 (DIN 3202-F6)
- In-and outside epoxy powder coating ,min. thickness 310 µm, RAL 5015 UV-resistant

Suitable for :		Not recommendable for :	Temperature range :
NBR : Acrylonitrile-Butadiene copolymer	sewage water, hydrocarbons, oils, greases, gas oil	solvents, benzene, xylol	-10°C to 80°C
EPDM* : Ethylen-Propylene Diene Monomer (or Terpolymer)	water/steam, sea water, brine, esters, ketone, alkalis, caustic soda	hydrocarbons, oils, fats	-15°C to 120°C

*EPDM available upon request

OPTIONS

- 3.1 certificate available upon request
- Ball covered with EPDM
- Floating ball
- DN32 to DN65 with threaded ends ISO 228-1



ITEM	PART NAME	MATERIAL
1	BODY	DUCTILE IRON GGG50 WITH EPOXY COATING
2	BALL	STEEL COVERED WITH NBR
3	BONNET	DUCTILE IRON GGG50 WITH EPOXY COATING
4	BONNET GASKET	EPDM
5	BOLT	STAINLESS STEEL AISI 304
6	NUT	STAINLESS STEEL AISI 304

DN	Weight (kg)
50	6,5
65	11
80	14,35
100	19,98
125	30,4
150	42,3
200	73,5
250	128
300	180

DN	PN	L (mm)	ØD (mm)	ØD1 (mm)	ØD2 (mm)	b (mm)	n - Ød	H (mm)
50	10/16	200	165	125	102	19	4 - 19	100
65		240	185	145	122	19	4 - 19	125
80		260	200	160	138	19	8 - 19	136
100		300	220	180	158	19	8 - 19	185
125		350	250	210	188	19	8 - 19	196
150		400	285	240	212	19	8 - 23	265
200	10	500	340	295	266	20	8 - 23	340
250		600	395	350	319	22	12 - 23	420
300		700	445	400	370	24,5	12 - 23	480
200	16	500	340	295	266	20	12-23	340
250		600	405	355	319	22	12-28	420
300		700	460	410	370	24,5	12-28	480