

Ball check valve type 4900



Introduction

Type 4900 is a resilient seated non-return valve with a sinking ball* to prevent back flow and allowing flow passage with minimum friction loss.

**floating ball upon request.*

Applications

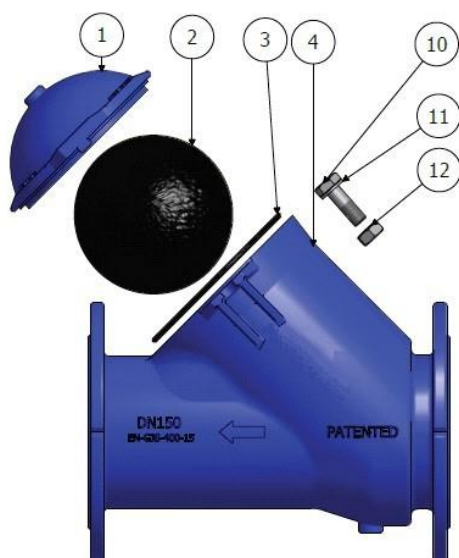
The ball check valve is used in waste water applications, power plants and process industry. The ball check valve is suitable for use in polluted media (up to 50°C) as the ball shaped valve prevents the built up of dirt.

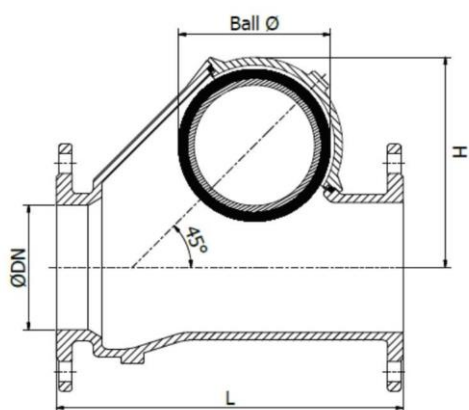
Design

This non-return valve was designed according to the EN 12334 standard and with a face-to-face length according to the DIN 3202-F6. The epoxy coated (GSK certified, min. 250 µm) body⁴ is made from ductile iron.

Up to DN 300 this ball check valve has a NBR vulcanized iron ball², DN300 up to DN600 have a massive PU ball. Both can be removed easily for maintenance through the ductile iron cover¹. This cover is sealed off by an NBR O-ring³.

The bolts¹⁰, nuts and washers¹¹ are executed in stainless steel 1.4301 as standard, the nut¹² in stainless steel 1.4401.





Dimensions

ØDN	PN	L	H	Ball Ø	Weight (kg)
50	10	200	100	60	7
65	10	230	145	95	11
80	10	260	145	95	12
100	10	300	175	120	18
125	10	350	250	175	30
150	10	400	250	175	35
200	10	500	330	240	69
250	10	600	400	300	116
300	10	700	470	360	184
350	10	800	570	420	280
400	10	900	655	480	415
450	10	1000	655	480	650
500	10	1100	840	600	745
600	10	1200	950	720	910