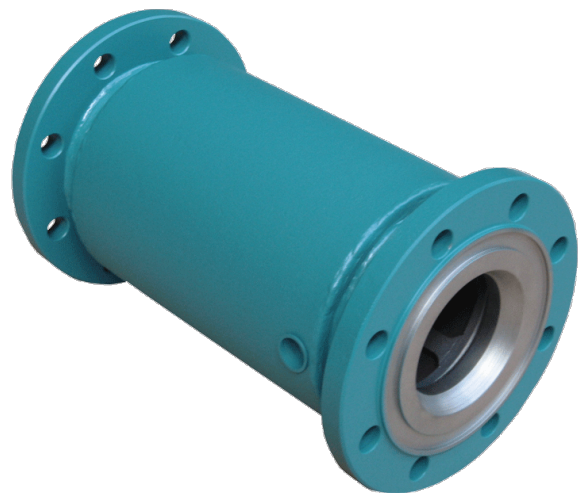


# MRV

## Ball check valve

DIN-EN: DN 15 – 250 / PN 10 – 40

ASME: NPS 1" – 4" / class 150



## Design Features

### Design Characteristics

- temperature range up to 180°C
- metal design
- with heating jacket available
- with sightglass

### Condition:

After the check valve in flow direction the pipe-DN must correspond to the check valve-DN. Recommendation for vertical type: DELTA.

When vertically installed ( $=0^\circ$ ) resp. (up to  $60^\circ$  angle) ball check valves close automatically, because ball is guided in the centre of the bore. When horizontally installed ( $=90^\circ$ ) resp. (up to  $30^\circ$ ) the valves close automatically if the back flow related water is 1,5 – 2,5 m/sec.

Materials

Standard

- Carbon Steel 1.0619 / ASTM A216 WCB
- Stainless steel 1.4408 / ASTM A351 CF8M
- Stainless steel 1.4308 / ASTM A351 CF8M
- Unalloyed stainless steel casting (low Temp.) 1.1138 / LCC/LCB / A352

Special materials

- other materials on request

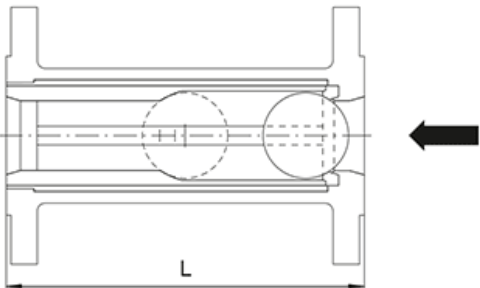
Sightglass

- Borosilikat

Ball

- PTFE

Dimensions

DIN 3202/EN 568-1	DN	PN	L	
	15	10-40	130	
	20	10-40	150	
	25	10-40	160	
	32	10-40	180	
	40	10-40	200	
	50	10-40	230	
	65	10-40	290	
	80	10-40	310	
	100	10/16	350	
		25/40		
	150	10/16	350	
		25/40		
	200	*	*	
	250	*	*	
ASME B 16.5	NPS	PN	L	
	1"	150	127	
	1½"	150	165	
	2"	150	178	
	3"	150	203	
	4"	150	229	

\* on request  
Higher pressure load on request