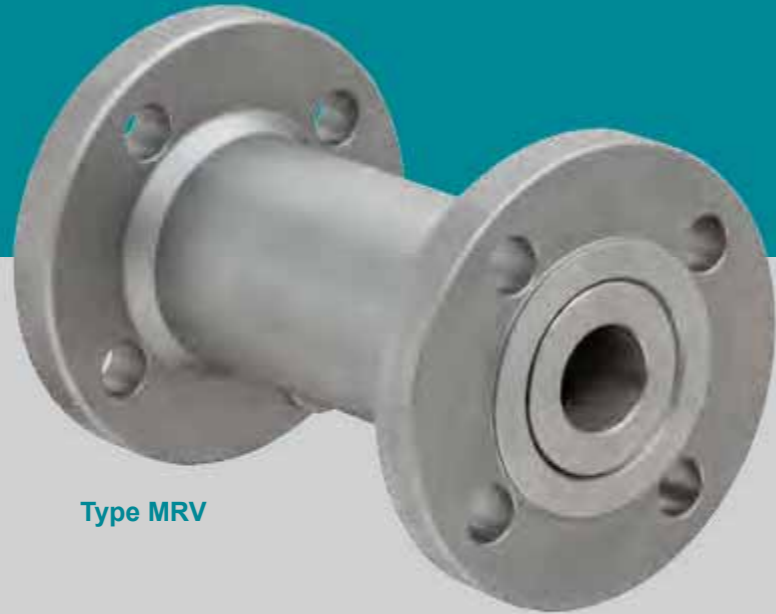


Type MRV

Ball check valve

- solid design
- reliably tight

DN 15 - 250 / PN 10 - 40
NPS ½ - 10 / Class 150



Type MRV

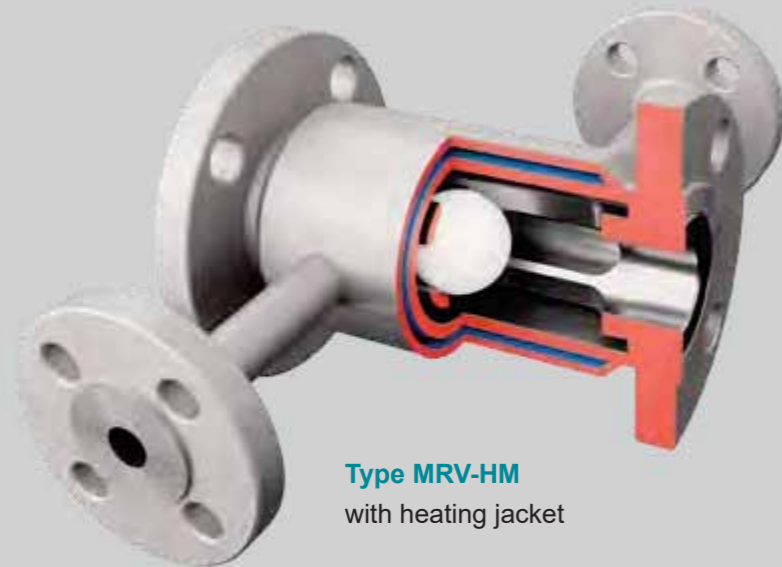
Design characteristics

- metal design
- T_{max} 180°C
- body material stainless steel, others on request
- standard design with solid ball

Options

- heating jacket
- with hollow ball which allows the valve to function as an air relief valve in vertical pipeline 90°
- body in special materials

	Materials	
	Body	Ball
1.4571 / AISI 316L	PTFE	

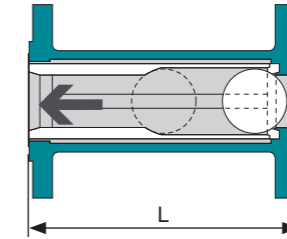


Type MRV-HM
with heating jacket

Type MRV

Technical information

Type MRV



	DN	PN**	P_{max} [bar]**	L [mm]
	EN 558	15	10-40	25
20		10-40	25	150
25		10-40	25	160
32		10-40	25	180
40		10-40	25	200
50		10-40	25	230
65		10-40	16	290
80		10-40	16	310
100		10-40	16	350
150		10-40	16	350
200	10-40	16	*	
250	10-40	16	*	
ASME B16.5	NPS	Class**	P_{max} [bar]**	L [mm]
	1	150	25	160
	1½	150	25	200
	2	150	25	230
	3	150	16	310
	4	150	16	350
	6	150	16	350
	8	150	16	*
	10	150	16	*

- Installation instruction**
- The pipe diameter must not be reduced after the check valve (in flow direction).
 - Automatically closing in vertical or almost vertical (60° - 90°) installation. When installed horizontally (0°) resp. (up to 30°) the valve closes automatically if the backflow velocity is 1,5 - 2,5 m/sec. (basis = water).

Installation angle	Diagram 1	Diagram 2
0°		
30°		
60°		
90°		

*) on request
 **) higher pressure load on request
 ***) type DELTA recommended

✓ possible installation
 ✗ installation not possible
 ○ installation position to function as an air relief valve with hollow ball

Order Example: F-2-50-MRV-PN10

F = flange, 2 = two-way, 50 = nominal size, MRV = type, PN10 = nominal pressure