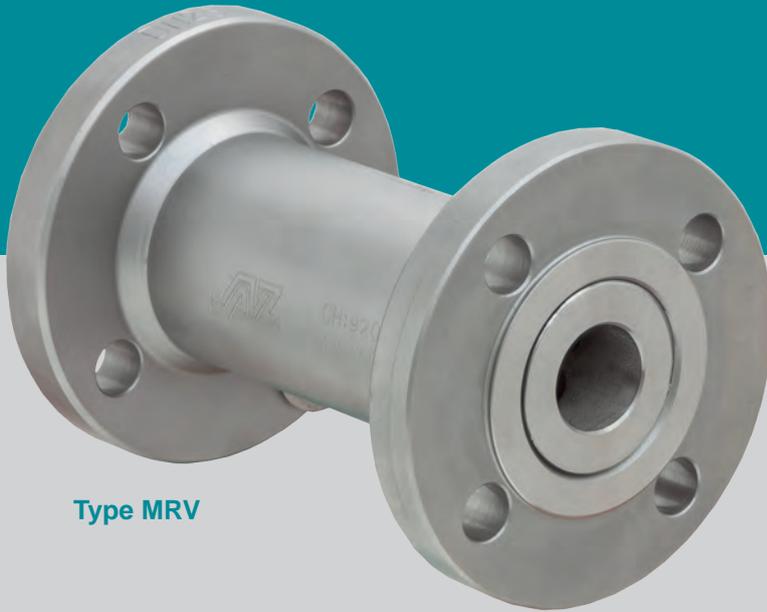


Type MRV

Ball check valve

- solid design
- reliably tight

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



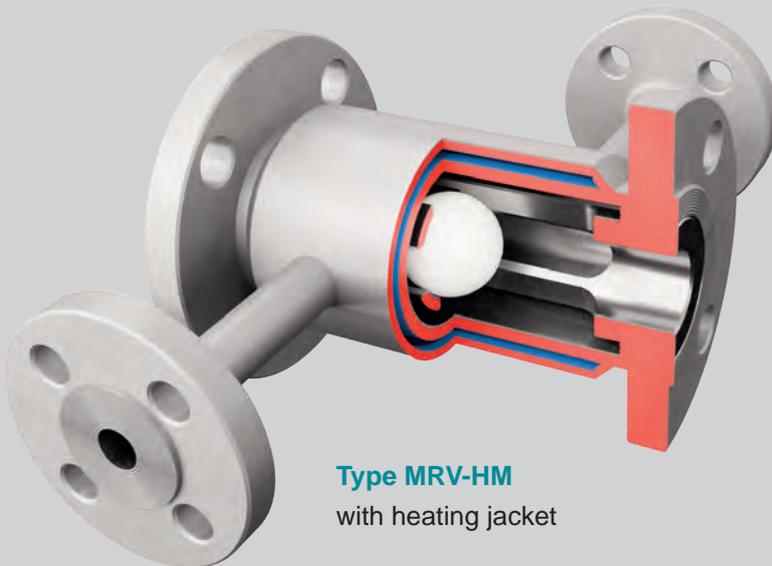
Type MRV

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



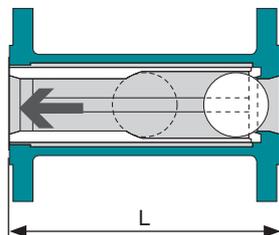
Type MRV-HM
with heating jacket

Materials	
Body	Ball
1.4571 / AISI 316Ti	PTFE

Type MRV

Technical information

Type MRV



DIN EN 558	DN	PN**	P _{max} [bar]**	L [mm]
	15	10-40	25	130
	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