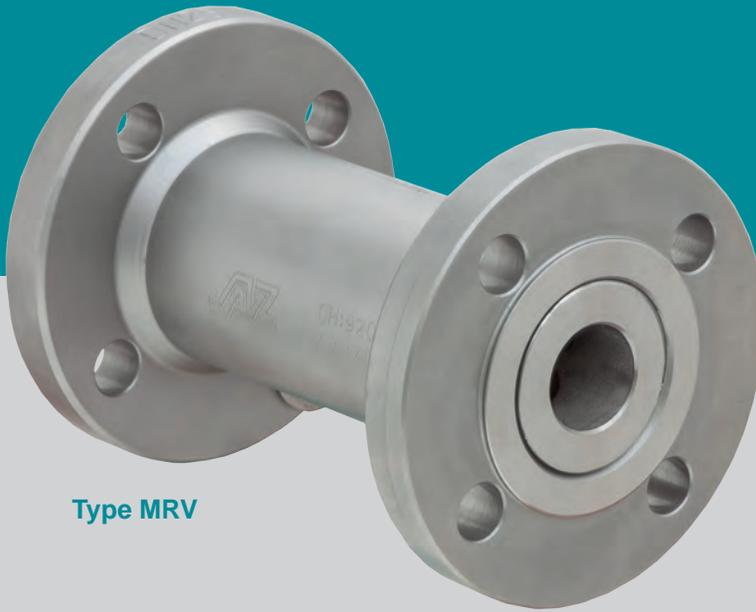


Type MRV

Ball check valve

- solid design
- reliably tight

NPS ½ - 10 / Class 150



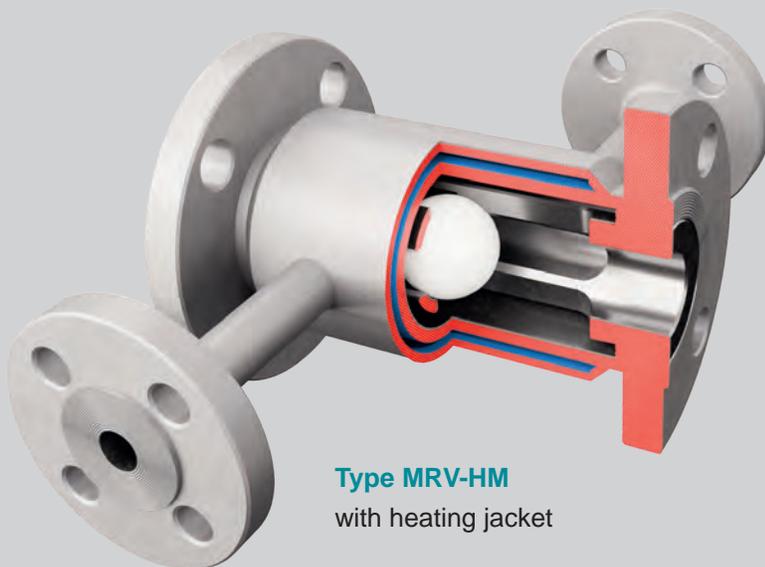
Type MRV

Design characteristics

- metal design
- T_{max} 180°C / 356°F
- 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



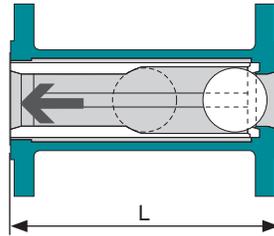
Type MRV-HM
with heating jacket

Materials	
Body	Ball
1.4571 / AISI 316Ti	PTFE

Type MRV

Technical information

Type MRV



	NPS	Class*	p _{max} *		L	
			[bar]	[psi]	[mm]	[Inch]
ASME B16.5	1	150	25	363	160	6.30
			25	363	200	7.87
	1½	150	25	363	230	9.06
			16	232	310	12.20
	2	150	16	232	350	13.78
			16	232	350	13.78
	3	150	16	232	350	13.78
			16	232	350	13.78
	4	150	16	232	350	13.78
			16	232	350	13.78
6	150	16	232	350	13.78	
		16	232	350	13.78	
8	150	16	232	*	*	
		16	232	*	*	
10	150	16	232	*	*	
		16	232	*	*	

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).

0°	
30°	
60°	
90°	

*) on request

**) higher pressure load on request

possible installation

installation not possible

installation position to function as an air relief valve with hollow ball