

# Type DELTA & Type GLOBUS

## Ball check valve with lining



### Type DELTA-SG

with sightglass  
(lining: PFA)



### Type GLOBUS-SF

with sightglass  
(lining: conductive PFA)

- robust, tight execution
- high corrosion resistance
- minimum 3 mm / 0.81" PFA / FEP lining

NPS ½ - 4 / Class 150

### Design characteristics

- resistant to chemicals
- vacuum-capable
- standard design with solid ball

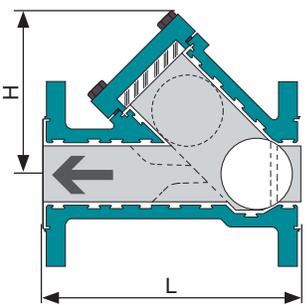
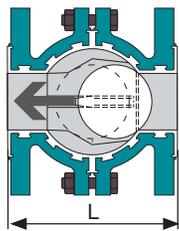
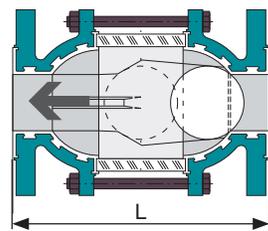
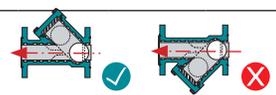
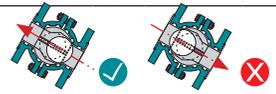
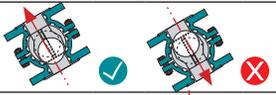
### Options

- sightglass (borosilicate) for visual function control
- heating jacket (DELTA)
- hollow ball which allows the valve to function as an air relief valve in a vertical pipeline 90°
- body in special materials
- other lining materials

Body	Materials Lining	T <sub>max</sub> [°C] [°F]	Ball
	PFA	210 410	
Ductile Iron	FEP	150 302	PTFE
	PFA conductive	125 257	

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## Technical information

Type DELTA (without sightglass) Type DELTA-SG (with sightglass)					Type GLOBUS (without sightglass)			Type GLOBUS-SG (with sightglass)						
														
ASME B16.5	NPS	Class**	L [mm] [Inch]	H [mm] [Inch]	ASME B16.5	NPS	Class**	L [mm] [Inch]	ASME B16.5	NPS	Class**	p <sub>max</sub> [bar] [psi]	L [mm] [Inch]	
	1	150	127 5.00	100 3.94		1	150	125 4.92		1	150	11.2 162	160 6.30	
	1½	150	*	*		1½	150	*		*	1½	150	*	*
	2	150	178 7.00	150 5.91		2	150	150 5.91		2	150	9.0 130	230 9.06	
	3	150	203 8.00	200 7.87		3	150	180 7.09		3	150	6,2 90	310 12.20	
	4	150	229 9.00	230 9.06		4	150	190 7.48		4	150	4,8 70	350 13.78	
<p>Ball riser must point upwards when valve is installed horizontally. When installed in vertical position, the riser must point diagonally upwards.</p>					<ul style="list-style-type: none"> <li>The pipe diameter must not be reduced after the check valve (in flow direction)</li> <li>For vertical installation, the check valve type DELTA is recommended</li> <li>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 m/sec. (basis = water)</li> </ul>									
0°					0°									
30°					30°									
60°					60°									
90°					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