

Type OCULAR & Type ZIRKULAR

Sightglass and tubular sightglass

- good visual control
- high corrosion resistance

DN 15 - 250 / PN 10 - 25
NPS ½ - 4 / Class 150 - 300



Type OCULAR

with entry nozzle for turbulences

Design characteristics

- T_{max} 220°C / 280°C (OCULAR)
- T_{max} 180°C (ZIRKULAR)

Options (OCULAR)

- heating jacket
- connection for sightglass flushing
- glass-to-metal fused sightglass acc. to DIN 7079
- body in special materials

Materials	
Body	Sightglass
1.4408 / CF8M	borosilicate

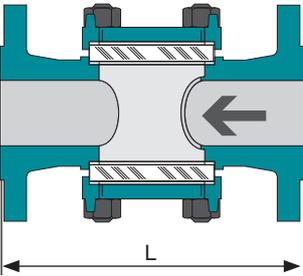
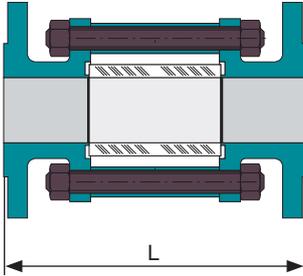


Type ZIRKULAR

with smooth full bore design

Type OCULAR & Type ZIRKULAR

Technical information

Type OCULAR						Type ZIRKULAR				
T _{max} 280°C						T _{max} 180°C				
										
DIN 11869, DIN EN 558	DN	PN ^{***}	Standard p _{max} [bar]**	High Pressure p _{max} [bar]**	L [mm]	DIN 11869, DIN EN 558	DN	PN ^{***}	Standard p _{max} [bar]**	L [mm]
	15	10-40	40	40	130		15	16	15,8	130
	20	10-40	*	*	150		20	16	13,5	150
	25	10-40	25	40	160		25	16	11,2	160
	32	10-40	*	*	180		32	16	8,7	180
	40	10-40	16	40	200		40	16	11,9	200
	50	10-40	16	40	230		50	10	9,0	230
	65	10-40	*	*	290		65	10	7,7	290
	80	10-40	16	40	310		80	10	6,2	310
	100	10-40	16	25	350		100	10	4,8	350
ASME B16.10	NPS	Class ^{***}	Standard p _{max} [bar]**	High Pressure p _{max} [bar]**	L [mm]	ASME B16.10	NPS	Class ^{***}	Standard p _{max} [bar]**	L [mm]
	1	150 / 300	25	40	160		1	150 / 300	11,2	160
	1½	150 / 300	16	40	200		1½	150 / 300	11,9	200
	2	150 / 300	16	40	230		2	150 / 300	9,0	230
	3	150 / 300	16	40	310		3	150 / 300	6,2	310
	4	150 / 300	16	25	350		4	150 / 300	4,8	350
	6	150 / 300	16	-	480		6	150 / 300	*	*
	8	150 / 300	*	*	600		8	150 / 300	*	*
10	150 / 300	*	*	730	10	150 / 300	*	*		

*) on request

***) maximal pressure for standard design / high pressure design

****) higher pressure load on request