

Flushing ring for flange and cell diaphragm seal Type Series MZ2210



Application area

- Plant and machinery engineering
- Chemical and petrochemical industry
- General process technology

Features

- Connection as per EN 1092-1 or ASME B16.5
- Common nominal widths, sealing strips and flush connections available
- Stainless steel 1.4404

Options

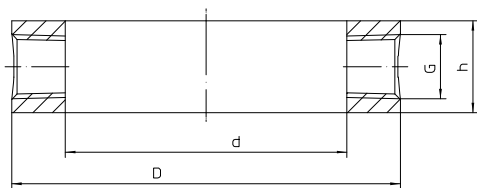
- Other materials on request (e.g. Hastelloy C276, 1.4462)
- Available with sealing plugs
- Certificates
 - Test report per EN 10204-2.2
 - Material certificate per EN 10204-3.1
- Free of oil and grease

Application

The flushing ring is suitable for mounting on diaphragm cells and flange-type diaphragm seals to ensure continuous operation of the diaphragm seal when handling viscous, pasty or crystallising media.

Side flush borings allow deposits or unwanted media accumulations on the diaphragm of the diaphragm seal and the process lines to be removed. This ensures that the measuring system works reliably and that no process media can become trapped and impair the measuring accuracy.

Dimensions



For available flushing connections "G" see order details.

Flange connection per EN 1092-1 Form B1

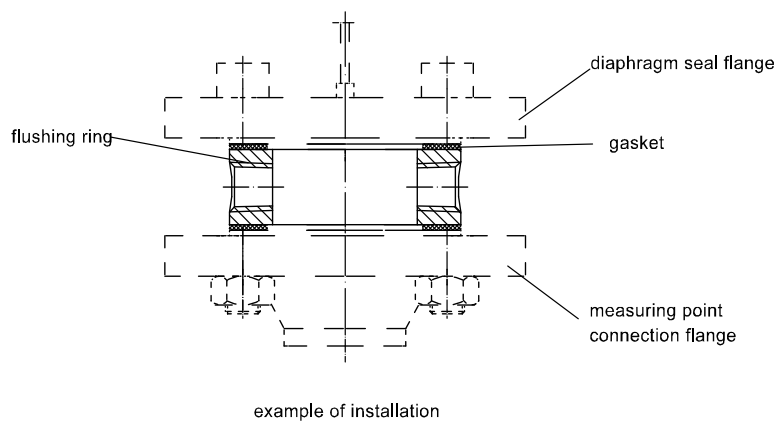
DN	PN in bar	Dimensions in mm		
		D	d	h
25	16-400	68	28.5	30
40	16-400	88	48	30
50	16-400	102	62	30
80	16-400	138	92	30
100	16-400	162	95.5	32
125	16-400	188	133.7	32

Flange connection per ASME B16.5

DN	Class	Dimensions in mm		
		D	d	h
1"	150-2500	50.8	26.7	30
1 1/2"	150-2500	73	40.9	30
2"	150-2500	92.1	62	30
3"	150-2500	127	92	30
4"	150-2500	157.2	92	30
5"	150-2500	185.7	126	30

Other process connections on request.

Example of installation, mounted on the diaphragm seal



Order details

Flushing ring for diaphragm seals			
MZ2210	flushing ring for diaphragm seals		
D11..	process connection EN 1092-1	sealing surface	Form B1 / Form B1
18		nominal width	DN 25, PN16-400
48			DN 50, PN16-400
68			DN 80, PN16-400
78			DN 100, PN16-400
88			DN 125, PN16-400
99			as per indication
D20..		sealing surface	Form C / Form D
15		nominal width	DN 25, PN16-100
45			DN 50, PN16-100
65			DN 80, PN16-100
75			DN 100, PN16-100
85			DN 125, PN16-100
99			as per indication
D51..	process connection ASME B16.5	sealing surface	RF 125...250 AA / RF 125...250 AA
17		nominal width	DN 1" Class150-2500
37			DN 2" Class150-2500
57			DN 3" Class150-2500
67			DN 4" Class150-2500
77			DN 5" Class150-2500
99			as per indication
D52..		sealing surface	RJF / RJF
34		nominal width	DN 2" Class300-600
36			DN 2" Class900-1500
55			DN 3" Class900
99			as per indication
A10	flushing connection	2x G1/4 female thread	
A12		2x G1/2 female thread	
A15		2x 1/4" NPT female thread	
A17		2x 1/2" NPT female thread	
E1	material	stainless steel material no. 1.4404 (316L)	
E9		as per indication	
	sealing plugs (2 pieces)	without sealing plug	
F1		1/4" NPT, stainless steel material no. 1.4404 (316L)	
F3		1/2" NPT, stainless steel material no. 1.4404 (316L)	
F5		G1/4 B, stainless steel material no. 1.4404 (316L)	
F7		G1/2 B, stainless steel material no. 1.4404 (316L)	
F9		as per indication	

Additional features (to be indicated if required):	
W1020	material certificate per EN 10204-3.1
W1101	test report per EN 10204-2.2
W4002	free of oil and grease

Order code (example): MZ2210 - D1168 - A10 - E1 - F5