

# Flushing ring

## Model : A100

Spec. sheet no. AD01-01

### Service intended

Flushing Ring is designed to be used with a flange, pancake, or inline diaphragm seals. The flushing ring have two lateral NPT ports to flush out the collected process medium adjacent to the diaphragm seal. A flushing ring is great for use with diaphragm seal model numbers A100, when there is a potential of the deposits from the process medium blocking access to the diaphragm seals. The flushing ring is designed to be sandwiched between the process flange and the diaphragm seal. Material gathered in front of the diaphragm could be flushed out through the flushing bore holes. The flushing ring also can be used to vent the process. Several standard widths and sizes are available to fit different process conditions and applications.



### Process connection

ANSI 1/2" to 4" per ASME

## Main order

### 1. Base model

**A100** Flusing ring

### 2. Flushing ring material

- BX** 304SS
- DX** 304L SS
- CX** 316SS
- EX** 316L SS, 1/4" NPT(M)
- LX** Monel, 3/8" NPT(M)
- KX** Hastelloy-C, 1/2" NPT(M)
- RX** 304SS with PTFE coating
- SX** 316SS with PTFE coating
- 51** 316L SS with PTFE coating
- 53** Teflon
- 54** PVC
- ZZ** Other

### 3. Process connection type

**XXX** Refer to process connection type table

### 4. Plug connection size

- |                            |                            |
|----------------------------|----------------------------|
| <b>0</b> One - 1/4" NPT(F) | <b>4</b> Two - 3/8" NPT(F) |
| <b>1</b> One - 3/8" NPT(F) | <b>5</b> Two - 1/2" NPT(F) |
| <b>2</b> One - 1/2" NPT(F) | <b>9</b> Other             |
| <b>3</b> Two - 1/4" NPT(F) |                            |

### 5. Nipple and plug connection type

- |                               |                            |
|-------------------------------|----------------------------|
| <b>A</b> One - With plug      | <b>D</b> Two - With nipple |
| <b>B</b> Two - With plug      | <b>Z</b> Other             |
| <b>C</b> With plug and nipple |                            |

### 6. Isolation valve material

- A** None
- B** 316SS and 316L SS
- C** Monel
- D** Hastelloy-C
- E** Teflon
- Z** Other

### 7. Valve gasket material

- 1** Teflone
- 2** Graphite

### 8. Flange gasket material

- 00** None
- 10** Teflon
- 20** Spiral wound
- 30** Oval gasket (Only RTJ)

1	2	3	4	5	6	7	8	Sample ordering code
<b>A100</b>	<b>BX</b>	<b>XXX</b>	<b>0</b>	<b>A</b>	<b>A</b>	<b>1</b>	<b>00</b>	

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## Process connection type table - 7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> characters

7 <sup>th</sup> character		8 <sup>th</sup> , 9 <sup>th</sup> character	
Code	Connection size		Flange size
E	½" (15A)	AC	B16.5 Class 150 RF
F	¾" (20A)	AE	B16.5 Class 150 FF
G	1" (25A)	AF	B16.5 Class 300 RF
H	1¼" (32A)	AH	B16.5 Class 300 FF
J	1½" (40A)	AJ	B16.5 Class 600 RF
K	2" (50A)	AL	B16.5 Class 600 FF
L	2½" (65A)	KL	JIS 10K RF
M	3" (80A)	KN	JIS 10K FF
N	4" (100A)	KP	JIS 20K RF
Z	Other	KR	JIS 20K FF
		KC	JIS 30K RF
		KU	JIS 30K FF
		AS	B16.5 Class 900 RF
		KD	JIS 40K RF
		KV	JIS 40K FF
		A8	B16.5 Class 150 RTJ
		A9	B16.5 Class 300 RTJ
		AV	B16.5 Class 600 RTJ
		AT	B16.5 Class 1,500 RF
		AN	B16.5 Class 1,500 FF
		AX	B16.5 Class 1,500 RTJ
		AY	B16.5 Class 2,500 RTJ
		ZZ	Other