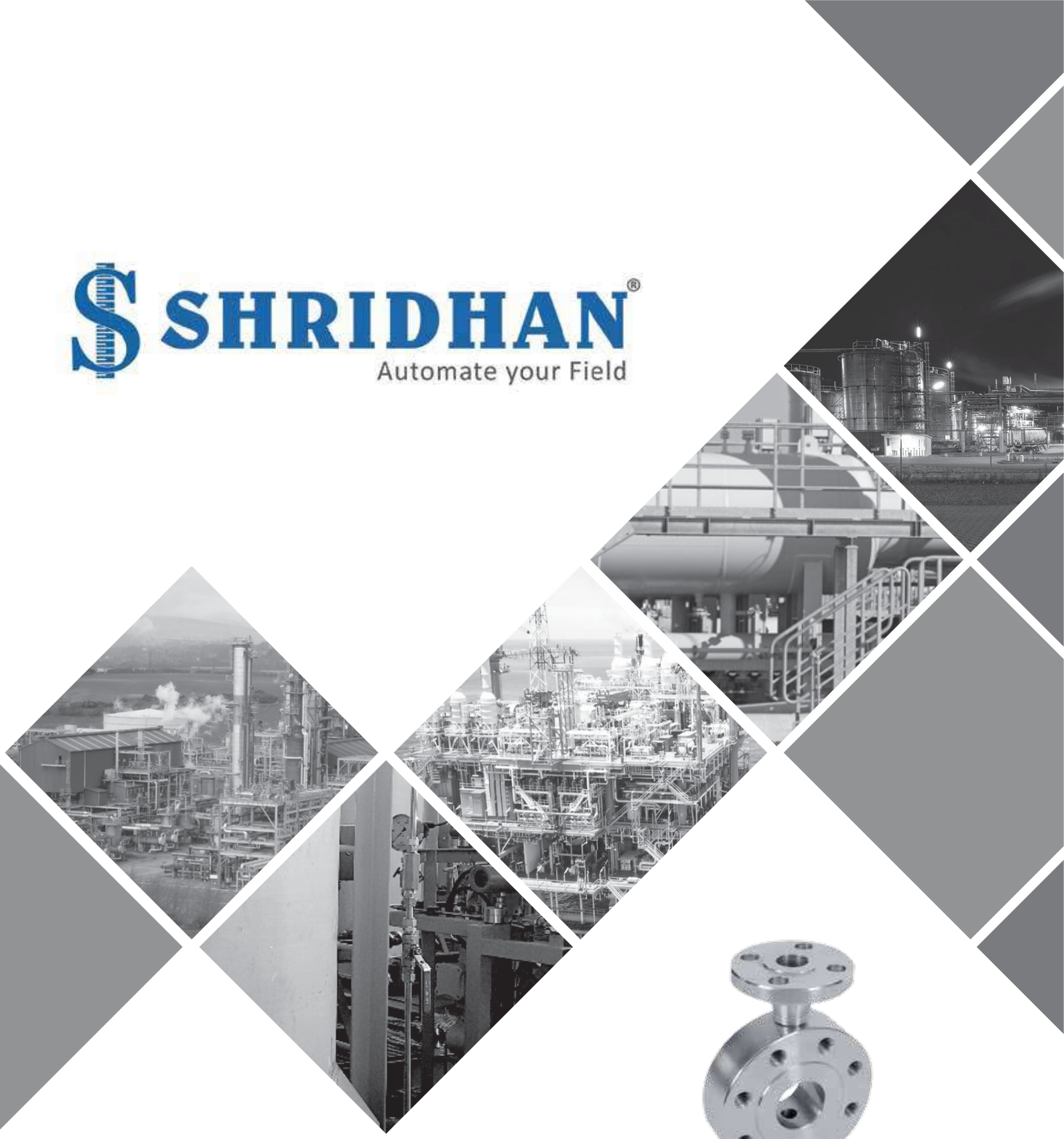
SHRIDHAN®

Automate your Field



FLUSHING RINGS

FLUSHING RINGS

Flushing rings are used with flanged chemical seal systems for flushing or venting the space immediately in front of the diaphragm. They are simply mounted between the flanged process connection and the diaphragm seal. The two flushing ports allow washing out of particles accumulated in front of the membrane and the pressure space can be vented or drained according to requirement. The material collecting in front of the diaphragm can be flushed out through the lateral flushing boreholes. The pressure chamber can be vented by means of these rings. Various nominal widths and forms allow adaption to the respective process flange.

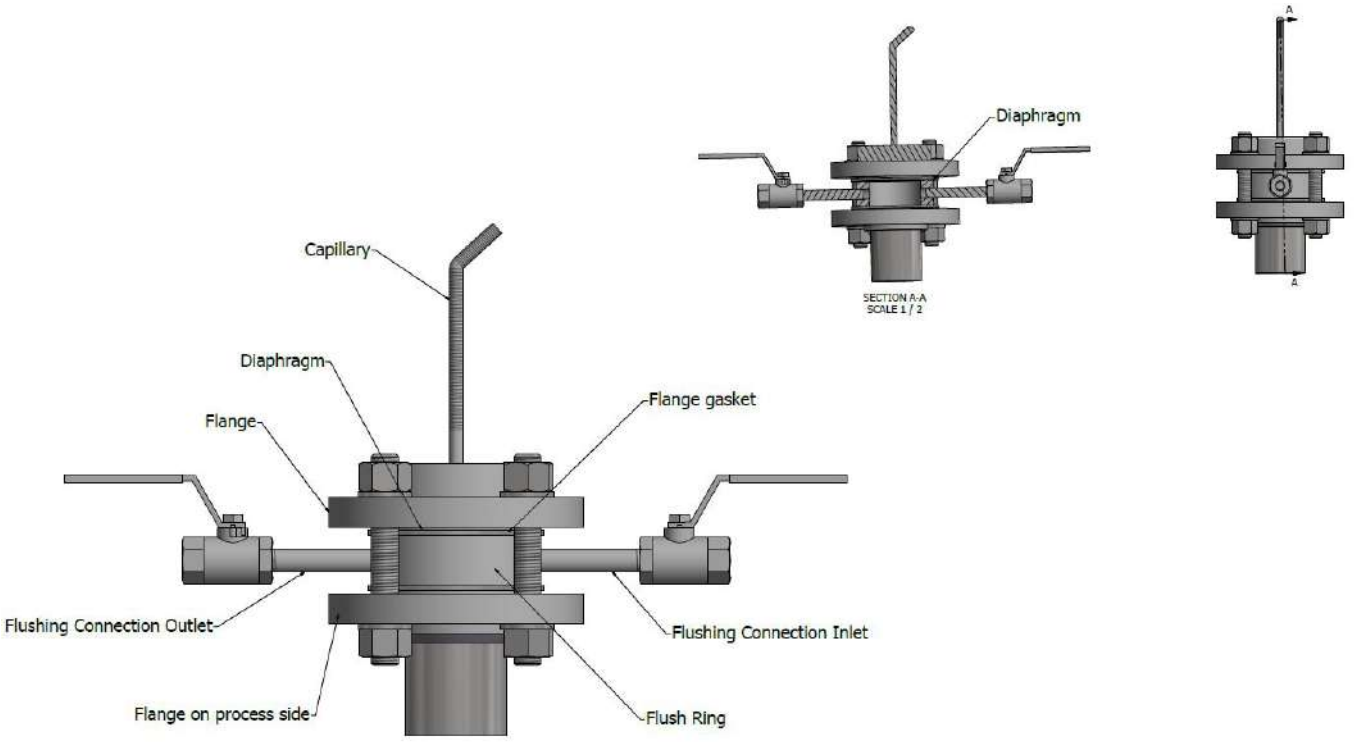
FEATURES

The flushing ports allow the washing out of particles accumulated in front of the membrane.

- The pressure chamber can be vented or drained or filled with a cleaning liquid and subsequently flushed, depending on the requirement.
- Various nominal widths and forms allow adaption to the respective process flange.

Standard flushing connection	: 1/2 NPT female / Customer Standard
Sealing face	: Acc. to EN 1092-1 Form B1 Acc. to ASME B 16.5 RF
Materials	: 316/316L/1.4401/1.4404, quadruple certified

Mounting Example:



TECHNICAL SPECIFICATIONS

STANDARD EXCECUTION:

Body	:	SS316L
Facing	:	RF
Flush Connection	:	1/4" NPT

OPTIONS AVAILABLE:

Flanged Process Connections	:	1", 1.5", 2", 3", 4", ANSI Class 150 - Class 2500; DN 25, DN 40, DN 50, DN 80, DN 100 , PN 10 - PN 100 rating
Flushing Process Connection	:	NPT/ BSP threaded
Flush Connection	:	SS316L, Monel, Hastelloy, Inconel.

BODY MATERIALS AND FACING OPTIONS:

Body Material
AISI 316(L)
Monel 400
Hastelloy C-276
Duplex
Super Duplex
Inconel 600

facing (ASME B16.5)	
RF	Ra 3.2-6.3 µm
RJF	Ra <1.6 µm
LMF	Ra 3.2-6.3 µm
SMF	Ra <3.2 µm
LTF	Ra <3.2 µm
STF	Ra <3.2 µm
LGF	Ra <3.2 µm
SGF	Ra <3.2 µm
LFF	Ra <3.2-6.3 µm
SFF	Ra <3.2 µm

facing type (EN 1092-1)	
B1	Ra 3.2-12.5 µm
B2	Ra 0.8-3.2 µm
C	Ra 0.8-3.2 µm
D	Ra 0.8-3.2 µm
E	Ra 3.2-12.5 µm
F	Ra 3.2-12.5 µm
G	Ra 0.8-3.2 µm
H	Ra 0.8-3.2 µm

SHRIDHAN®

Automate your Field

Head office and Manufacturing - 1

SHRIDHAN Automation Pvt. Ltd
B-54, KSSIDC Industrial Estate,
Kumbalgodu, Mysore Road,
Bangalore - 560074, India.

Manufacturing - 2

SHRIDHAN Automation Pvt. Ltd
#D-13, KIADB Industrial Area,
Kumbalgodu, Mysore Road,
Bangalore - 560074, India.

Middle East

ORBIT Automation FZE
#R4-40 A, PO Box - 122828,
SAIF Zone, Sharjah, UAE.

A 100% subsidiary of
SHRIDHAN Automation Pvt. Ltd. , India.

+91 - 80 - 28437847
+91 - 80 - 28437848

info@shridhan.com

+97155 - 9347963 | **+97155 - 1883375**

me@shridhan.com

www.shridhan.com

Disclaimer: We reserve the right to modify the design without prior notice

SAPL/FR/2019