



ALL AISI 316 SS CONSTRUCTION
LIGHT WEIGHT
ECONOMICAL
IDEAL CHOICE FOR HIGH PRESSURE
THE DIAPHRAGM IS WELDED TO THE BODY TO ENSURE
SEPARATION OF THE FILLING FLUID FROM THE PROCESS MEDIUM.

APPLICATIONS

DIAPHRAGM SEALS ARE DESIGNED TO ISOLATE THE SENSING
ELEMENT OF PRESSURE GAUGES AND PRESSURE SWITCHES
FROM PROCESS FLUIDS THAT THEY MAY BE CORROSIVE,
VISCIOUS, SEDIMENTOUS AND / OR WITH A HIGH TEMPERATURE.

STANDARD VERSION NOMINAL SIZE

(COMPATIBLE MODELS : 01-03, 01-05, 01-08, 01-09, 01-12, 01-18, 02-01,
02-05, 02-09, 02-10, 02-15 & 02-20)

Seal type	S11 = -1 kg/cm ² to 0 & 0 to 21 kg/cm ² (Standard) S12 = 25 kg/cm ² to 70 kg/cm ² S13 = 100 kg/cm ² to 400 kg/cm ² S14 = 250 kg/cm ² to 600 kg/cm ²
Process temperature	- 40 °C to 200 °C or as per fill fluid
Instrument connection	1/2" BSP (F)
Process connection	1/2" BSP (M)
Fill fluid	1/4" BSP (F) for type S14 Silicon oil - DC 200
Mounting	Direct (Without capillary)
Diaphragm	AISI 316L SS
Body	AISI 316 SS

HOW TO ORDER

BASIC MODEL

CODE

Example
D-06

OPTIONAL EXTRAS

[It is recommended that the MOC of Diaphragm should be equivalent.]

SEAL TYPE

S11	-1 kg/cm ² to 0 & 0 to 21 kg/cm ² (Standard)	S13	100 kg/cm ² to 400 kg/cm ²	XXX
S12	25 kg/cm ² to 70 kg/cm ²	S14	250 kg/cm ² to 600 kg/cm ²	

INSTRUMENT CONNECTION

VN	1/4" BSP(F)	VP	3/8" BSP (F)	VL	1/2" BSP (F) (Standard)	XX
VO	1/4" NPT (F)			VM	1/2" NPT (F)	

BODY

CL	AISI 316 SS (Standard)	CM	AISI 316L SS	XX
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DIAPHRAGM

UJ	AISI 316L (Standard)	XX
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PROCESS CONNECTION (*For seal type S14)

WE	1/4" BSP(F) (Standard)*	WI	1/4" NPT (F)	WY	1/4" NPT(M)	WS	1/4" BSP(M)	XX
WC	3/8" BSP(F)	WH	1/2" NPT (F)	WA	1/2" NPT(M)	WT	3/8" BSP(M)	
WD	1/2" BSP(F)	WL	3/4" NPT(F)	WK	3/4" NPT(M)	WU	1/2" BSP(M) (Standard)	
WJ	3/4" BSP(F)					WF	3/4" BSP(M)	

Note : Connections like Metric, PT/ PF/ Flaired / UNF/ G/ R etc can be provided on request.

FILLING FLUIDS (* Consult factory for specifications, price and delivery.)

US	FLUROLUBE 4.2 [-45 to 175 °C]	UY	SILICON DC 704 [10 to 337 °C]	XX
UT	FLUROLUBE 6.3 [-40 to 235 °C]	UZ	SILICON DC 710 [7 to 371 °C]	
UU	FLUROLUBE FS-5 [-28 to 148 °C]	VA	SYL THERM 800 [-40 to 315 °C]	
UV	FOOD GRADE OIL [-20 to 140 °C]	VB	SYL THERM XLT [-100 to 260 °C]	
UX	SILICON DC 200 [-40 to 205 °C] (Standard)	VC	HALOCARBON OIL*	

REMOTE MOUNTING (With capillary of Max. Up to 2 Mtrs.)

SPECIFY IN METERS (e.g. 1.5 = 1.5 METERS 2.0 = 2 METERS)

3Mtr.

CAPILLARY

PE	AISI 304 SS	PG	AISI 316 SS	XX
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CAPILLARY COVERED WITH ARMOUR (Applicable with PE or PG if selected)

PF	AISI 304 SS	PH	AISI 316 SS	PI	PVC	XX
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OTHER OPTIONS

TB	HELIUM LEAK TEST	TC	DRY SEAL ONLY WITHOUT INSTRUMENT	GH	MATERIAL TEST CERTIFICATES*	XX
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* MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR WETTED PARTS ONLY WITH CHEMICAL COMPOSITION TESTING. FOR OTHERS, PLEASE CONSULT FACTORY.

Ordering Example: D-06 - XXX - XX - XX - XX - XX - XX - 3Mtr. - XX - XX - XX

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.