



STANDARD VERSION

SPECIAL FEATURES

QUICK CONNECT AND DISCONNECT
 FOR HYGIENE APPLICATIONS
 EASY TO CLEAN

APPLICATIONS

DIAPHRAGM SEALS ARE PROVIDED IN THE INSTRUMENTS LIKE PRESSURE GAUGES, SWITCHES, TRANSMITTERS IN ORDER TO ISOLATE THE SENSING ELEMENT FROM THE MAIN SERVICE DUE TO ITS CORROSIVE, VISCOUS AND SEDIMENTED NATURE AND TO AVOID CLOGGING AND SOLIDIFICATION. THESE SEALS ARE USED IN APPLICATIONS WHERE PURITY IN PROCESS IS ESSENTIAL - TYPICALLY IN FOOD, DAIRY BEVERAGES AND PHARMACEUTICAL INDUSTRIES.

(COMPATIBLE MODEL : 01-12 (NS 100 mm to 150 mm))

Seal type	S16 = -1 to 0 & 0 to 40 kg/cm ² (Standard) S17 = -1 to 0 & 0 to 40 kg/cm ² (Dry seal only)
Process temperature	-20°C to 140°C or as per fill fluid
Instrument connection	S16 = 1/2" BSP (F) S17 = 1/4" BSP (F)
Process connection	1 1/2" sanitary seal (without clamp & gasket)
Mounting	Direct (Without capillary)
Diaphragm	AISI 316L SS
Body	AISI 316 SS
Fill fluid	Food grade oil



HOW TO ORDER

BASIC MODEL

CODE

OPTIONAL EXTRAS

SEAL TYPE

S16 -1 to 0 & 0 to 40 kg/cm² (Standard) **S17** -1 to 0 & 0 to 40 kg/cm² (Dry seal only)

SANITARY SEAL (FOR 1" SIZE SANITARY SEAL, CONSULT FACTORY FOR DRAWING, PRICE AND DELIVERY.)

YN 1 1/2" SANITARY SEAL IN AISI 316 SS (Standard)

YO 2" SANITARY SEAL IN AISI 316 SS

YP 2 1/2" SANITARY SEAL IN AISI 316 SS

INSTRUMENT CONNECTION (* For Dry Seal Type: S17)

VO 1/4" NPT (F) **VN** 1/4" BSP (F) (Standard)* **VP** 3/8" BSP (F)

VM 1/2" NPT (F) **VL** 1/2" BSP (F) (Standard)

BODY

CL AISI 316 SS (Standard) **CM** AISI 316L SS

BOTTOM MATING PART

KB 1 1/2" SANITARY SEAL IN AISI 316 SS

KC 2" SANITARY SEAL IN AISI 316 SS

KD 2 1/2" SANITARY SEAL IN AISI 316 SS

END CONNECTION OF BOTTOM MATING PART (* Bore size will be 8 mm)

3BM 3/8" BSP (M)* **4NM** 1/2" NPT (M)*

4BM 1/2" BSP (M)* **4ZB** 1/2" PIPE (M) (Plain End)

DIAPHRAGM

UJ AISI 316L (Standard)

FILLING FLUIDS

UV FOOD GRADE OIL [-20 TO 140°C / -4 TO 284°F] (Standard)

CLAMP

ZO 1 1/2" CLAMP AISI 304 SS

ZP 2" CLAMP AISI 304 SS

ZQ 2 1/2" CLAMP AISI 304 SS

GASKET (SEALING RING)

FX 1 1/2" SILICON GASKET

FY 2" SILICON GASKET

FZ 2 1/2" SILICON GASKET

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

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

CAPILLARY

PE AISI 304 SS

PG AISI 316 SS

CAPILLARY COVERED WITH ARMOUR (Applicable with PE or PG if selected)

PF AISI 304 SS

PH AISI 316 SS

PI PVC

OTHER OPTIONS

TB HELIUM LEAK TEST

TC DRY SEAL ONLY WITHOUT INSTRUMENT

GH MATERIAL TEST CERTIFICATES*

* MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR WETTED PARTS ONLY WITH CHEMICAL COMPOSITION TESTING. FOR OTHERS, PLEASE CONSULT FACTORY.

Ordering Example: D-07 - XXX - XX - XX - XX - XX - XX - XX - XX - XX - XX - 1Mtr. - XX - XX - XX

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

Example

D-07

XXX

XX

XX

XX

XX

XX

XX

XX

XX

XX

1Mtr.

XX

XX

XX