



## STANDARD VERSION

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

Seal type	S16 = -1 to 0 & 0 to 40 kg/cm <sup>2</sup> (Standard) S17 = -1 to 0 & 0 to 40 kg/cm <sup>2</sup> (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

## 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.

## HOW TO ORDER

### BASIC MODEL

CODE

### OPTIONAL EXTRAS

#### SEAL TYPE

**S16** -1 to 0 & 0 to 40 kg/cm<sup>2</sup> (Standard)      **S17** -1 to 0 & 0 to 40 kg/cm<sup>2</sup> (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**