



SPECIAL FEATURES

ALL STAINLESS STEEL CONSTRUCTION
CONTINUOUS DUTY
EASY TO CLEAN
AVAILABLE WITH ANTI VIBRATION SPRING

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 KIND OF SEALS ARE WIDELY USED IN THE VISCOUS & CORROSIVE SERVICES WHERE FLUSHING IS REQUIRED PERIODICALLY & FREQUENTLY.

STANDARD VERSION

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

| | |
|-----------------------|---|
| Range | 1 kg/cm ² to 40 kg/cm ² |
| Process temperature | -40°C to 200°C or as per fill fluid |
| Instrument connection | ½" NPT (F) |
| Process connection | As per diagram below |
| Mounting | Direct (Without spring & capillary) |
| Diaphragm | AISI 316L SS |
| Body & floating ring | AISI 316 SS |
| Fill fluid | Silicon oil - DC 200 |

HOW TO ORDER

BASIC MODEL

CODE

OPTIONAL EXTRAS

INSTRUMENT CONNECTION

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

ANTI VIBRATION SPRING



EA 2 BOTTOM MOUNTING



EA 3 90° ANGULAR MOUNTING (BACK MOUNTING)

BODY & FLOATING RING

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

DIAPHRAGM

UJ AISI 316L SS (Standard)

PROTECTION ON WETTED PARTS

VZ PTFE COATING ON DIAPHRAGM (Max. Up to 315 °C)

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] |
| 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 SYLTHERM 800 [-40 to 315 °C] |
| UV FOOD GRADE OIL [-20 to 140°C] | VB SYLTHERM 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)

NOTE: REMOTE MOUNTING IS NOT APPLICABLE IF EA 2 OR EA 3 OPTIONS SELECTED..

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

OPTIONS

| | |
|--|--|
| TB HELIUM LEAK TEST | GH MATERIAL TEST CERTIFICATES* |
| TC DRY SEAL ONLY WITHOUT INSTRUMENT | KF SPECIAL CONNECTION (Please provide Drawings) |

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

Ordering Example: D-13 - XX - XXX - XX - XX - XX - XX - 1Mtr - XX - XX - XX

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

Example

D-13

XX

XXX

XX

XX

XX

XX

1 Mtr.

XX

XX

XX