



DIAPHRAGM SEALS



ADVANCED MEASURING INDUSTRIAL INSTRUMENTS Co
A 9COM APPROVED COMPANY

PRESSURE GAUGE | THERMOMETER | DIAPHRAGM SEAL | ACCESSORIES

www.amieliteinstruments.com



the pressure equipment safety authority



NS : 40 / 50 / 63 / 80 /
100 / 125 / 160 /
200 / 250mm

**Ranges
available up
to 60,000 psi**

WETTED PARTS -AVAILABLE SS 316L , HASTELLOY-C276 , INCONEL 625 , MONEL 400

- Bourdon Tube - AS PER NACE MR 0175
- Socket - AS PER NACE MR 0175
- Bourdon Tube - Seamless Tube
- Tig Welding - Approved by TUV
- Leak Testing - Helium Leak Tested
- Movement - Silicone Jelly Movement
- Dial - White Aluminum
- Window - Safety Glass
- Gasket - NBR
- Blow out Disc - Temperature Compensated
- IP Protection - IP 68

*PLEASE REFER PRESSURE GAUGE CATALOGUE FOR DETAILS

Table of contents

SR NO.	MODEL NO.	DESCRIPTION	PAGE NO.
1	D-01	DIRECT COUPLED TYPE	1
2	D-02	HEAVY DUTY DIRECT COUPLED TYPE	3
3	D-03	DIAPHRAGM SEAL MINI TYPE	5
4	D-04	DIAPHRAGM SEAL FLUSH DIAPHRAGM SANITARY TYPE	7
5	D-05	DIAPHRAGM SEAL SCREW FLUSHED TYPE	9
6	D-06	DIAPHRAGM SEAL HEAVY DUTY MINI SEAL	11
7	D-07	SANITARY DIAPHRAGM SEAL CLAMP TYPE	13
8	D-08	DIAPHRAGM SEAL FLANGE TYPE "I" SECTION	15
9	D-09	DIRECT FLANGED DIAPHRAGM SEAL FLUSHED TYPE	17
10	D-10	FLANGED DIAPHRAGM SEAL INSERT TYPE	19
11	D-11	DIAPHRAGM SEAL EXTENDED NECK TYPE	21
12	D-12	PULP DIAPHRAGM SEAL FLOATING RING TYPE	23
13		FLANGED CONNECTION CODE	25

SPECIAL FEATURES

Robust Tow Piece Design

The Diaphragm is welded to the Body to ensure separation of the filling fluid from the process medium.

SPECIFICATIONS

Range: -1 kg/cm² to 400 kg/cm² (Standard)

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 Liquid: Silicon Oil-DC 200

Diaphragm: AISI 316L SS

Top Chamber: AISI 316 SS

Bottom Chamber: AISI 316 SS

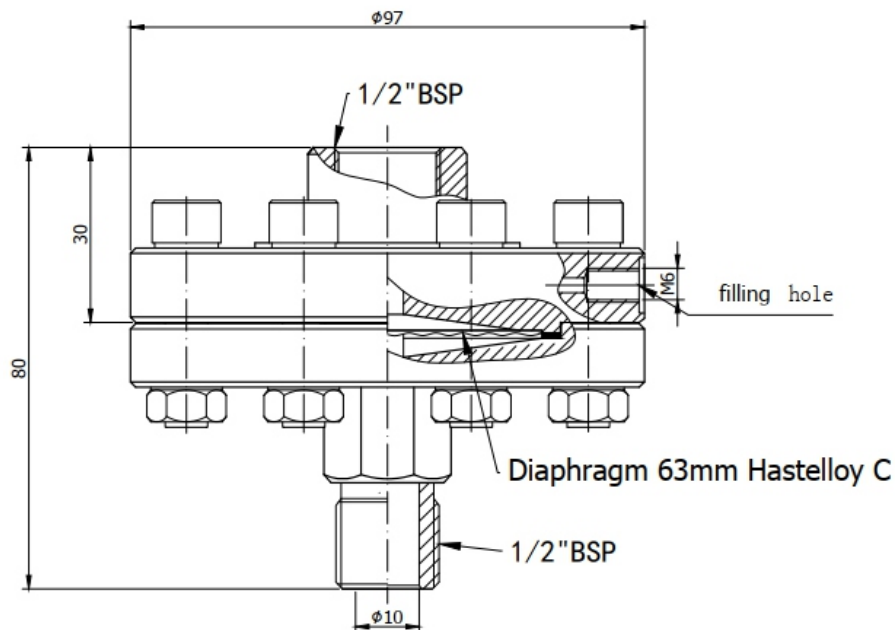
Nuts / Bolts: AISI 304 SS

Sealing Gasket: PTFE max 250°/ Inconel silver plated for 400°C max



APPLICATIONS

Diaphragm seals are designed to Isolate the sensing element of Pressure Gauges and Pressure Switches from process fluids that they may be Corrosive, Viscous, Sedimentous and /or with high Temperature.



HOW TO ORDER

BASIC MODEL

RANGE

S06 -1 to 0 kg/cm² & 0 to 70 kg/cm² (Standard)

S07 100 kg/cm² to 400 kg/cm²

INSTRUMENT CONNECTION

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

TOP CHAMBER

XW AISI 304 SS (Standard)

YA AISI SS316L SS

XY AISI 316 SS

DIAPHRAGM

UJ AISI 316L SS (Standard)

UL HASTELLOY 'C'

UR TITANIUM

UW INCONEL 600

UM MONEL

UP SILVER*

UQ TANTALUM

UN SUPER DUPLEX

SEALING GASKET

VI PTFE (Standard)

YR METAL

YQ Inconel Silver Plate for Max 400°C (High Temp.Oil)

BOTTOM CHAMBER

TK AISI 304 SS

TT HASTELLOY 'C'

TM AISI 316 SS(Standard)

UD TANTALUM

TL AISI 316L SS

TZ PVC*

UH TITANIUM

UA PVDF*

TX MONEL

TY POLYPROPELENE*

MOC OF BOTTOM CHAMBER	PRESSURE V/S TEMPERATURE					
	20°C	40°C	60°C	80°C	100°C	120°C
PVDF	10 kg/cm ²	10 kg/cm ²	10 kg/cm ²	7 kg/cm ²	4 kg/cm ²	2 kg/cm ²
PP	10 kg/cm ²	10 kg/cm ²	6 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA
PVC	10 kg/cm ²	10 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA	NA

PROCESS CONNECTION

WE 1/4"BSP(F)

WI 1/4"NPT(F)

WY 1/4"NPT(M)

WS 1/4"BSP(M)

WR M20X1.5(M)

WC 3/8"BSP(F)

WH 1/2"NPT(F)

WA 1/2"NPT(M)(Standard)

WT 3/8"BSP(M)(Standard)

WP M33X1.5(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)

PROTECTION ON WETTED PARTS

VS PTFE LINING ON BOTTOM CHAMBER -2mm THICK (Max.Up to 150°C)

VV PTFE PROTECTION FOR DIAPHRAGM (Max.Up to 150°C max up to 100 bar)

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

FILLING LIQUID

US FLUROLUBE 4.2 [-45 to 175°C]

UX SILICON DC 200[-40 to 205°C](Standard)

VB SYLTHERM XLT [-100 to 260°C]

UT FLUROLUBE 6.3 [-40 to 235°C]

UY SILICON DC 704 [10 to 337°C]

VC HALOCARBON OIL*

UU FLUROLUBE FS-5 [-28 to 148°C]

UZ SILICON DC 710 [7 to 371°C]

VD LRS9 [-40 to 400°C]

UV FOOD GRADE OIL [-20 to 140°C]

VA SYLTHERM 800 [-40 to 315°C]

REMOTE MOUNTING (With Capillary of Max. Up to 15 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

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 CERTIFICATE*

Ordering Example: **D-01-XXX-XX-XX-XX-XX-XX-XX-XX-XX-3 Mtr-XX-XX-XX**

SPECIAL FEATURES

Robust Tow Piece Design

The Diaphragm is welded to the Body to ensure separation of the filling fluid from the process medium.

SPECIFICATIONS

Range: -1 kg/cm² to 400 kg/cm² (Standard)

Process Temperature: -40°C to 200°C or as per fill fluid

Instrument Connection: 1/2"NPT (F)

Process Connection: 1/2"NPT (M)

Fill Liquid: Silicon Oil-DC 200

Diaphragm: AISI 316L SS

Top Chamber: AISI 304 SS

Bottom Chamber: AISI 316 SS

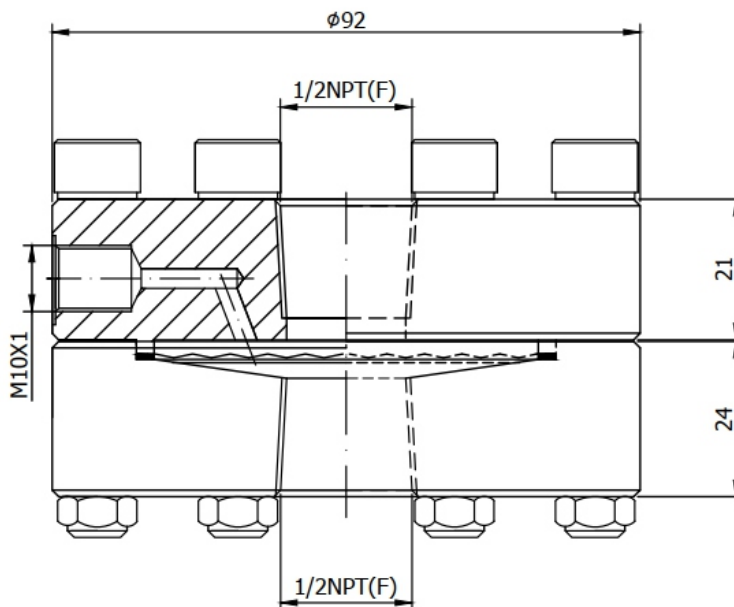
Nuts / Bolts: AISI 304 SS

Sealing Gasket: PTFE max 250°/ Inconel silver plated for 400°C max



APPLICATIONS

Diaphragm seals are designed to Isolate the sensing element of Pressure Gauges and Pressure Switches from process fluids that they may be Corrosive, Viscous, Sedimentous and /or with high Temperature.



HOW TO ORDER

BASIC MODEL

RANGE

S06 -1 to 0 kg/cm² & 0 to 70 kg/cm² (Standard)

S07 100 kg/cm² to 400 kg/cm²

INSTRUMENT CONNECTION

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

TOP CHAMBER

XW AISI 304 SS (Standard) **YA** AISI SS316L SS **XY** AISI 316 SS

DIAPHRAGM

UJ AISI 316L SS (Standard)

UL HASTELLOY 'C'

UR TITANIUM

UW INCONEL 600

UM MONEL

UP SILVER*

UQ TANTALUM

UN SUPER DUPLEX

SEALING GASKET

VI PTFE (Standard)

YR METAL

YQ Inconel Silver Plate for Max 400°C (High Temp.Oil)

BOTTOM CHAMBER

TK AISI 304 SS

TT HASTELLOY 'C'

TM AISI 316 SS(Standard)

UD TANTALUM

TL AISI 316L SS

TZ PVC*

UH TITANIUM

UA PVDF*

TX MONEL

TY POLYPROPELENE*

MOC OF BOTTOM CHAMBER	PRESSURE V/S TEMPERATURE					
	20°C	40°C	60°C	80°C	100°C	120°C
PVDF	10 kg/cm ²	10 kg/cm ²	10 kg/cm ²	7 kg/cm ²	4 kg/cm ²	2 kg/cm ²
PP	10 kg/cm ²	10 kg/cm ²	6 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA
PVC	10 kg/cm ²	10 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA	NA

PROCESS CONNECTION

WE 1/4"BSP(F)

WI 1/4"NPT(F)

WY 1/4"NPT(M)

WS 1/4"BSP(M)

WR M20X1.5(M)

WC 3/8"BSP(F)

WH 1/2"NPT(F)

WA 1/2"NPT(M)(Standard)

WT 3/8"BSP(M)(Standard)

WP M33X1.5(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)

PROTECTION ON WETTED PARTS

VS PTFE LINING ON BOTTOM CHAMBER -2mm THICK (Max.Up to 150°C)

VV PTFE PROTECTION FOR DIAPHRAGM (Max.Up to 150°C max up to 100 bar)

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

FILLING LIQUID

US FLUOROLUBE 4.2 [-45 to 175°C]

UX SILICON DC 200[-40 to 205°C](Standard)

VB SYLTERM XLT [-100 to 260°C]

UT FLUOROLUBE 6.3 [-40 to 235°C]

UY SILICON DC 704 [10 to 337°C]

VC HALOCARBON OIL*

UU FLUOROLUBE FS-5 [-28 to 148°C]

UZ SILICON DC 710 [7 to 371°C]

VD LRS9 [-40 to 400°C]

UV FOOD GRADE OIL [-20 to 140°C]

VA SYLTERM 800 [-40 to 315°C]

REMOTE MOUNTING (With Capillary of Max. Up to 15 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 CERTIFICATE*

Ordering Example: **D-02-XXX-XX-XX-XX-XX-XX-XX-XX-XX-3 Mtr-XX-XX-XX**

SPECIAL FEATURES

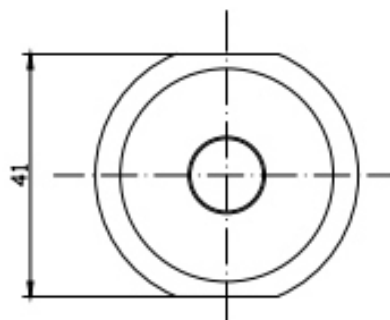
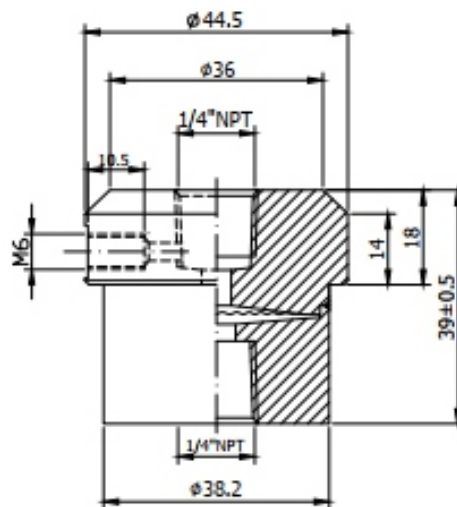
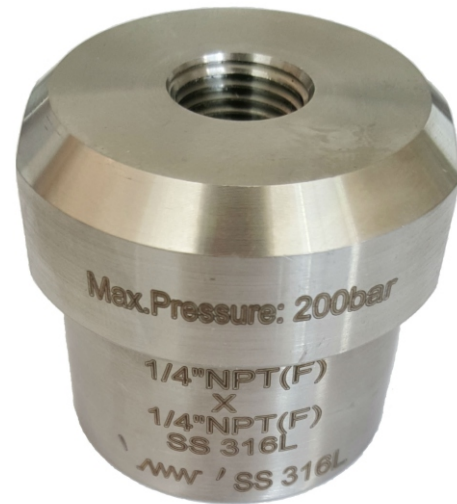
Compact Design
Low Cost Version
The Diaphragm is welded to the Body
To ensure separation of the filling fluid
from the process medium.

SPECIFICATIONS

Process Temperature: -40°C to 200°C or as per fill fluid
Instrument Connection: 1/4"NPT (F)
Process Connection: 1/4"NPT (M)
Fill Liquid: Silicon Oil-DC 200
Diaphragm: AISI 316L SS
Body: AISI316 SS

APPLICATIONS

Diaphragm seals are designed to Isolate the sensing element of Pressure Gauges and Pressure Switches from process fluids that they may be Corrosive, Viscous, Sedimentous and /or with high Temperature.



HOW TO ORDER

BASIC MODEL

INSTRUMENT CONNECTION

VN 1/4"BSP(F) **VO** 1/4"NPT(F)

BODY

TK AISI 304 SS **TT** HASTELLOTY 'C'
TM AISI 316 SS(Standard) **UD** TANTALUM
CM AISI 316L SS **TX** MONEL
UN SUPER DUPLEX **TD** DUPLEX
TE UNS S31254 **UW** INCONEL 625
TH 254 SMO

MOC OF BOTTOM CHAMBER	PRESSURE V/S TEMPERATURE					
	20°C	40°C	60°C	80°C	100°C	120°C
PVDF	10 kg/cm ²	10 kg/cm ²	10 kg/cm ²	7 kg/cm ²	4 kg/cm ²	2 kg/cm ²
PP	10 kg/cm ²	10 kg/cm ²	6 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA
PVC	10 kg/cm ²	10 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA	NA

DIAPHRAGM

UJ AISI 316L SS (Standard) **UL** HASTELLOY 'C276' **UR** TITANIUM **UW** INCONEL 600
UM MONEL **UP** SILVER* **UQ** TANTALUM **UN** SUPER DUPLEX

PROCESS CONNECTION

WE 1/4"BSP(F) **WI** 1/4"NPT(F) **WY** 1/4"NPT(M) **WS** 1/4"BSP(M) **WR** M20X1.5(M)
WC 3/8"BSP(F) **WH** 1/2"NPT(F) **WA** 1/2"NPT(M)(Standard) **WT** 3/8"BSP(M)(Standard) **WP** M33X1.5(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)

FILLING LIQUID

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

OTHER OPTIONS

TB HELIUM LEAK TEST **TC** DRY SEAL ONLY WITHOUT INSTRUMENT **GH** MATERIAL TEST CERTIFICATE*

Ordering Example: **D-03-XX-XX-XX-XX-XX-XXXX**

Example

D-03

XX

XX

XX

XX

XX

XX

SPECIAL FEATURES

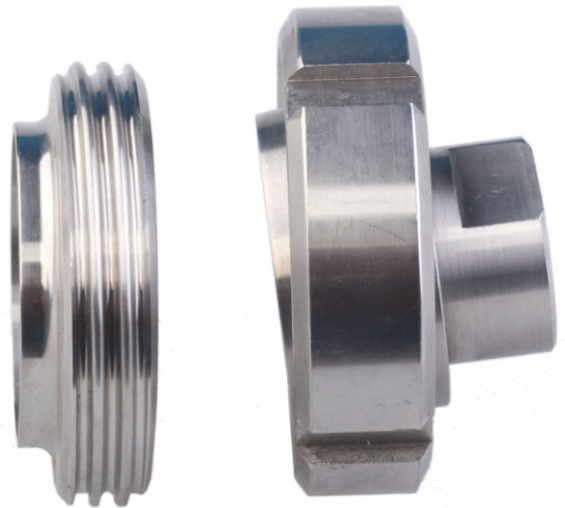
All SS316L Construction
Quick Connect and Disconnect
Matching DIN , SMS , RJT Standard.

SPECIFICATIONS

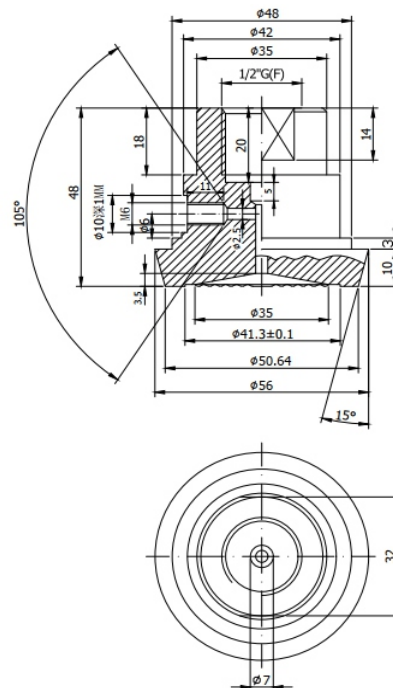
Range: Refer range table with nominal sizes.
Process Temperature: -20°C to 140°C or as per fill fluid
Instrument Connection: 1/2"NPT (F)
Process Connection: As per DIN 11851, SMS, RJT, IDF
Fill Liquid: Silicon Oil-DC 200
Mounting: Direct (Without Capillary)
Diaphragm: AISI 316L SS
Unit Nut: AISI 316 SS
Body: AISI 316 SS
Fill Fluid: Food Grade Oil

APPLICATIONS

Diaphragm seals are provided in the Instruments like Pressure Guages ,Switches, Transmitters in order to Isolate the sensing element from the main service due to it's corrosive ,Viscous and Sedimented nature and avoid clogging and solidification.
This seals are specially designed for applications where high purity in the process is essential Typically in Food, Beverages, Dairy and Pharmaceutical Industries.



DN 40



HOW TO ORDER

BASIC MODEL

FLOATING RING (FEMALE): SIZE & TYPE

KH	(25*, 32, 40, 50 mm)	DIN	KJ	(1 1/2", 2")	RJT	XX(1 1/2")
KI	(1", 1 1/2", 2")	SMS	KK	(1", 1 1/2", 2")	IDF / ISS	

PROCESS CONNECTION

M	MALE	F	FEMALE	XX
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INSTRUMENT CONNECTION

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

DIAPHRAGM

UJ	AISI 316L SS (Standard)	XX
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FILLING FLUID

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

CL	AISI 316 SS (Standard)	CM	AISI 316L SS	XX
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BOTTOM MATING PART

KL	(25*, 32, 40, 50 mm)	DIN	KN	(1 1/2", 2")	RJT	XX(1 1/2")
KM	(1", 1 1/2", 2")	SMS	KO	(1", 1 1/2", 2")	IDF / ISS	

OTHER OPTIONS

TB	HELIUM LEAK TEST	TC	DRY SEAL ONLY WITHOUT INSTRUMENT	GH	MATERIAL TEST CERTIFICATE*	XX
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Ordering Example: D-04-XX (1 1/2")-XX-XX-XX-XX-XX (1 1/2")-XX

SPECIAL FEATURES

All SS 316 Construction
One Piece Construction
Flush Diaphragm.

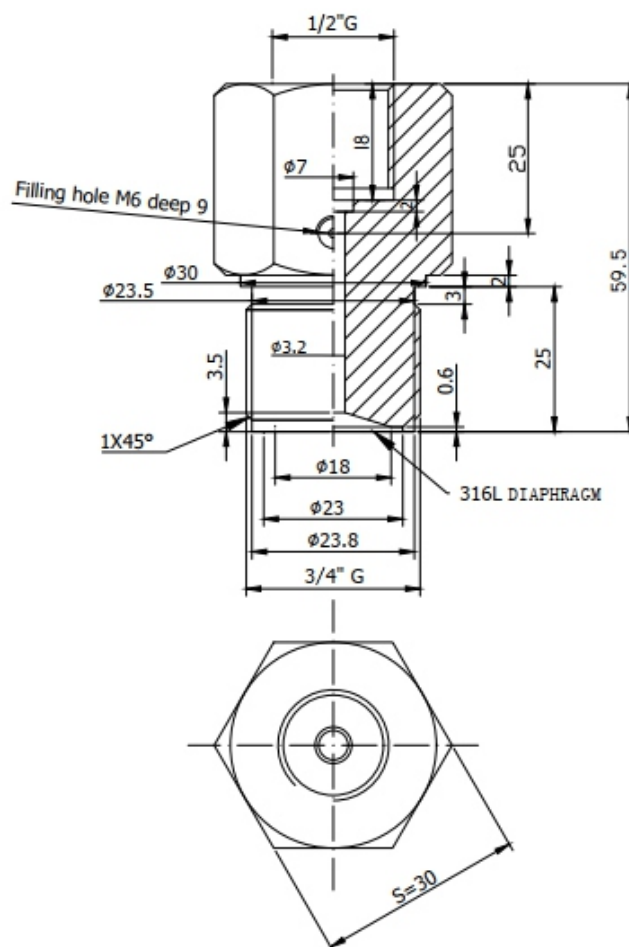
SPECIFICATIONS

Range: Refer below table
 Process Temperature: -40°C to 200°C or as per fill fluid
 Instrument Connection: 1/4" BSP (F)
 Process Connection: 3/4" BSP (M)
 Mounting: Direct (Without Capillary)
 Diaphragm: AISI 316L SS
 Body: AISI 316 SS
 Fill Fluid: Silicon Oil DC 200



APPLICATIONS

Diaphragm seals are provided in the Instruments like Pressure Guages ,Switches, Transmitters in order to Isolate the sensing element from the main service due to it's corrosive ,Viscous and Sedimented nature and avoid clogging and solidification.



HOW TO ORDER

BASIC MODEL

BODY

CL AISI 316 SS (Standard)

CM AISI 316L SS

DIAPHRAGM

UJ AISI 316L SS (Standard)

INSTRUMENT CONNECTION

VN 1/4"BSP(F)(Standard)

VP 3/8"BSP(F)

VO 1/4"NPT(F)

VL 1/2"BSP(F)

VM 1/2"NPT(F)

PROCESS CONNECTION

WU 1/2"BSP(M) **WW** 1"BSP(M) **WX** 1 1/2"BSP(M) **WB** 2"BSP(M) **WF** 3/4"BSP(M)(Standard)

WA 1/2"NPT(M) **XC** 1"NPT(M) **XD** 1 1/2"NPT(M) **XE** 2"NPT(M) **XB** 3/4"NPT (M)

FILLING FLUID

US FLUROLUBE 4.2 [-45 to 175°C]

UY SILICON DC 704 [10 to 337°C]

UT FLUROLUBE 6.3 [-45 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*

OTHER OPTIONS

TB HELIUM LEAK TEST

TC DRY SEAL ONLY WITHOUT INSTRUMENT

GH MATERIAL TEST CERTIFICATE*

Ordering Example: D-05-XX-XX-XX-XX-XX-XX

Example

D-05

XX

XX

XX

XX

XX

XX

SPECIAL FEATURES

All SS 316 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.

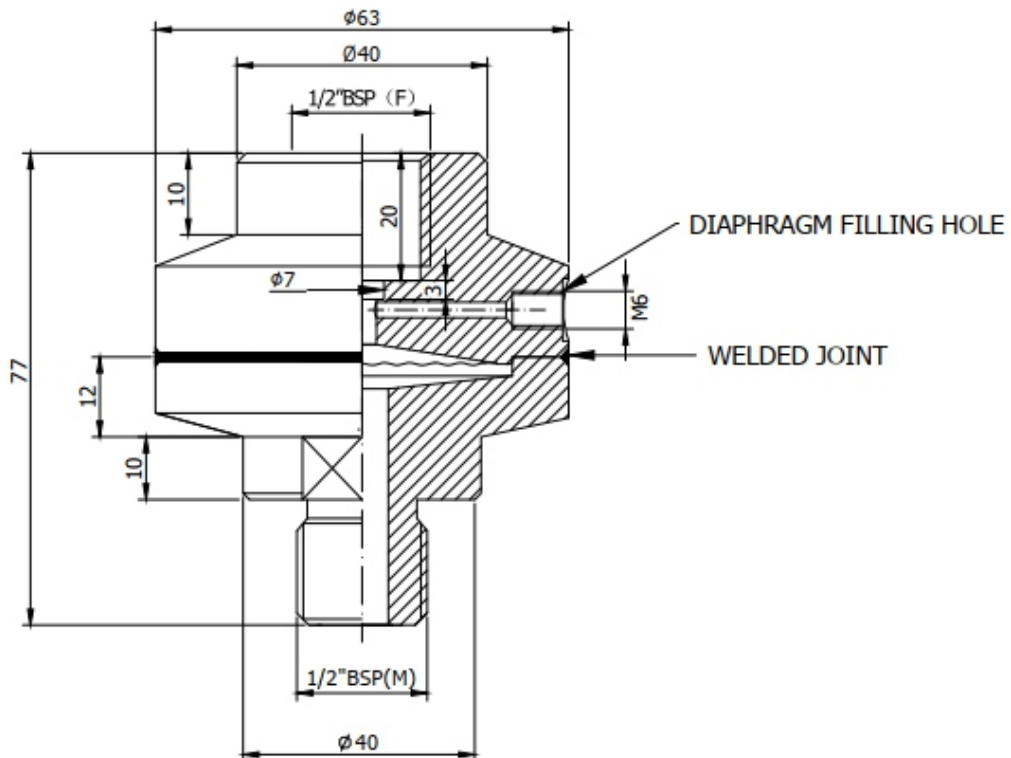
SPECIFICATIONS

Range: -1 kg/cm² to 400 kg/cm²
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: Silicon Oil-DC 200
Mounting: Direct (Without Capillary)
Diaphragm: AISI 316L SS
Body: AISI 316 SS



APPLICATIONS

Diaphragm seals are designed to Isolate the sensing element of Pressure Gauges and Pressure Switches from process fluids that they may be Corrosive, Viscous, Sedimentous and/or with high temperature.



HOW TO ORDER

BASIC MODEL

RANGE

S11 -1 kg/cm² to 400 kg/cm² **S12** 400 kg/cm² to 700 kg/cm²

INSTRUMENT CONNECTION

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

BODY

TK AISI 304 SS **TT** HASTELLOTY 'C'
TM AISI 316 SS(Standard) **UD** TANTALUM
CM AISI 316L SS **TX** MONEL
UN SUPER DUPLEX **TD** DUPLEX
TE UNS S31254 **UW** INCONEL 625
TH 254 SMO

MOC OF BOTTOM CHAMBER	PRESSURE V/S TEMPERATURE					
	20°C	40°C	60°C	80°C	100°C	120°C
PVDF	10 kg/cm ²	10 kg/cm ²	10 kg/cm ²	7 kg/cm ²	4 kg/cm ²	2 kg/cm ²
PP	10 kg/cm ²	10 kg/cm ²	6 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA
PVC	10 kg/cm ²	10 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA	NA

DIAPHRAGM

UJ AISI 316L SS (Standard) **UL** HASTELLOY 'C276' **UR** TITANIUM **UW** INCONEL 600
UM MONEL **UP** SILVER* **UQ** TANTALUM **UN** SUPER DUPLEX

PROCESS CONNECTION

WE 1/4"BSP(F)(Standard)* **WI** 1/4"NPT(F) **WY** 1/4"NPT(M) **WS** 1/4"BSP(M)
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) **WF** 3/4"BSP(M)
WJ 3/4"BSP(F) **WU** 1/2"BSP(M)(Standard)

FILLING FLUID

US FLUROLUBE 4.2 [-45 to 175°C] **UY** SILICON DC 704 [10 to 337°C]
UT FLUROLUBE 6.3 [-45 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*
VD LRS9 [-40 to 400°C]

REMOTE MOUNTING

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

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 CERTIFICATE*

Ordering Example: D-06-XX-XX-XX-XX-XX-2 Mtr-XX-XX-XX

www.amieliteinstruments.com

Example

D-06

XX

XX

XX

XX

XX

XX

2Mtrs

XX

XX

XX

SPECIAL FEATURES

Quick Connect and Disconnect
For Hygiene Applications
Easy to Clean

SPECIFICATIONS

Range: -1 to 0 kg/cm² & 0 to 40kg/cm² (Standard)
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

APPLICATIONS

Diaphragm seals are provided in the Instrument like Pressure Gauges ,Switches, Transmitters in order to isolate the sensing element from the main service due to It's 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.



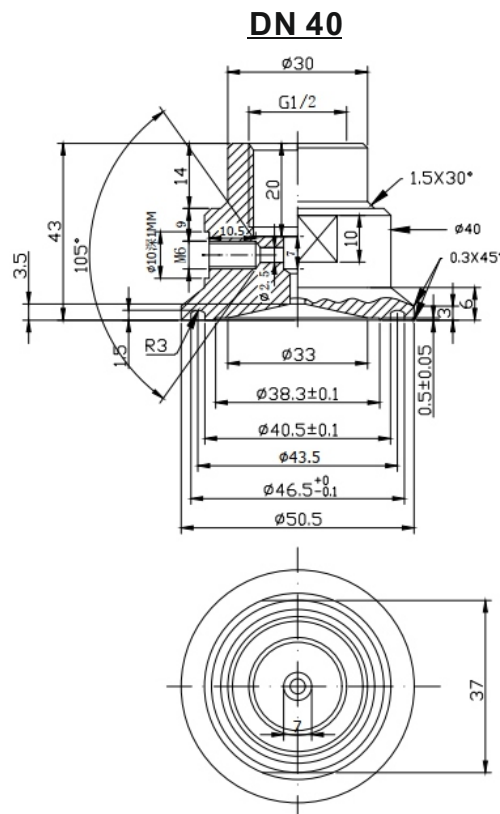
SANITARY SEAL



TRICLOVER CLAMP



BOTTOM MATING PART



HOW TO ORDER

BASIC MODEL

RANGE

S16 -1 to 0 & 0 to 40kg/cm2 (Standard)

SANITARY SEAL

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

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 PARTS

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

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

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

DIAPHRAGM

UJ AISI 316L (Standard)

FILLING FLUID

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

OTHER OPTIONS

TB HELIUM LEAK TEST **TC** DRY SEAL ONLY WITHOUT INSTRUMENT **GH** MATERIAL TEST CERTIFICATE*

Ordering Example: D-07-XXX-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX

Example

D-07

XXX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

SPECIAL FEATURES

Continuous Duty
"I" Section Extension to Facilitate smaller
 flange sizes suitable for Anti Corrosive Protection.

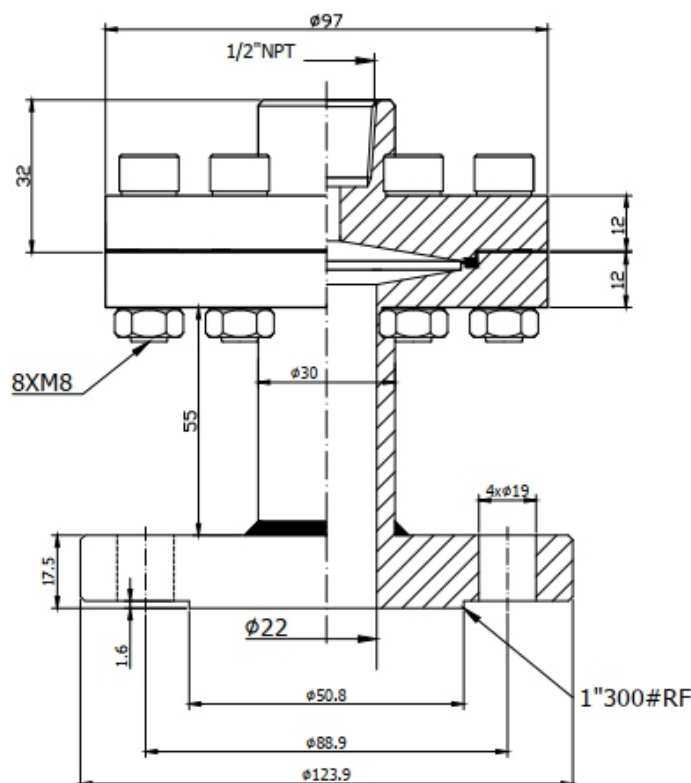
SPECIFICATIONS

Range: -1 kg/cm² to 100 kg/cm²
 Process Temperature: -40°C to 200°C without PTFE Lined
 Instrument Connection: 1/2"NPT(F)
 Process Connection: Flange (as per DIN/BS/ANSI/JIS) 125-250 AARH
 Fill Fluid: Silicon Oil-DC 200
 Diaphragm: AISI 316L SS
 Top Chamber: AISI 316 SS
 Bottom Chamber("I"Section): AISI 316 SS Flange (As per DIN/BS/ANSI/JIS)
 Nut,Bolts: AISI 304 SS
 Sealing Gasket: PTFE



APPLICATIONS

Diaphragm seals are provided in the Instrument like Pressure Gauges ,Switches, Transmitters in order to isolate the sensing element from the main service due to It's Corrosive ,Viscous and Sedimented nature and to avoid clogging and solidification. This can be widely used with anti corrosive treatment/ protection & various flanged sizes.



HOW TO ORDER

BASIC MODEL

RANGE

S21 -1 to 0 kg/cm² & 0 to 100 kg/cm²

S22 100 kg/cm² to 250 kg/cm²

INSTRUMENT CONNECTION

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

TOP CHAMBER

XW AISI 304 SS (Standard)

YA AISI SS316L SS

XY AISI 316 SS

YC CARBON STEEL

DIAPHRAGM

UJ AISI 316L SS (Standard)

UL HASTELLOY 'C276'

UR TITANIUM

UW INCONEL 600

UM MONEL

UP SILVER*

UQ TANTALUM

UN SUPER DUPLEX

SEALING GASKET

VI PTFE (Standard)

YR METAL

YQ Inconel Silver Plate for Max 400°C (High Temp.Oil)

BOTTOM CHAMBER (I SECTION)

TK AISI 304 SS

TT HASTELLOY 'C'

TM AISI 316 SS(Standard)

TN CARBON STEEL

TL AISI 316L SS

TZ PVC*

UH TITANIUM

UA PVDF*

TX MONEL

TY POLYPROPELENE*

MOC OF BOTTOM CHAMBER	PRESSURE V/S TEMPERATURE					
	20°C	40°C	60°C	80°C	100°C	120°C
PVDF	10 kg/cm ²	10 kg/cm ²	10 kg/cm ²	7 kg/cm ²	4 kg/cm ²	2 kg/cm ²
PP	10 kg/cm ²	10 kg/cm ²	6 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA
PVC	10 kg/cm ²	10 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA	NA

PROCESS CONNECTION

As per DIN / BS / ANSI / JIS (Select Code from Flange Table.Refer Page No.25 & 26)

NUTS-BOLTS

XQ AISI 304SS

XR AISI 316SS

PROTECTION ON WETTED PARTS

VS PTFE LINING ON BOTTOM CHAMBER("I"SECTION) -2mm THICK (Max.Up to 150°C)

VV PTFE PROTECTION FOR DIAPHRAGM (Max.Up to 150°C max up to 100 bar)

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

FILLING LIQUID

US FLUROLUBE 4.2 [-45 to 175°C]

UX SILICON DC 200[-40 to 205°C](Standard)

VB SYLTHERM XLT [-100 to 260°C]

UT FLUROLUBE 6.3 [-40 to 235°C]

UY SILICON DC 704 [10 to 337°C]

VC HALOCARBON OIL*

UU FLUROLUBE FS-5 [-28 to 148°C]

UZ SILICON DC 710 [7 to 371°C]

VD LRS9 [-40 to 400°C]

UV FOOD GRADE OIL [-20 to 140°C]

VA SYLTHERM 800 [-40 to 315°C]

REMOTE MOUNTING (With Capillary of Max. Up to 15 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 CERTIFICATE*

Ordering Example: D-08-XXX-XX-XX-XX-XX-XX-XX-XX-XX-XX-3 Mtr-XX-XX-XX

SPECIAL FEATURES

Flush Diaphragm
Easy Flushing (Through Flushing Ring)
Most Suitable for Slurry , Corrosive & High
Viscous Service Flushing Ring, Flange &
Diaphragm are available in various
Type of SS & Exotic Materials.

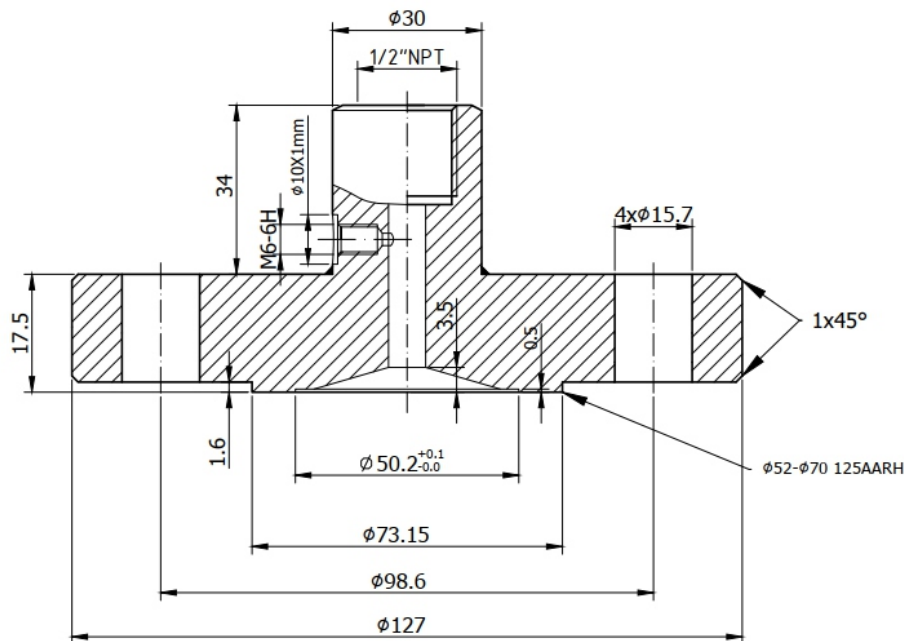
SPECIFICATIONS

Range: -1 kg/cm² to 0 & 0 to 250 kg/cm²*
Process Temperature: -40°C to 200°C or as per fill fluid
Instrument Connection: 1/2"NPT(F)
Process Connection: Flange (as per DIN/BS/ANSI/JIS) 125-250 A/
Diaphragm: AISI 316L SS
Flange: AISI 316 SS
Fill Fluid: Silicon Oil -DC 200
Sealing Gasket: PTFE



APPLICATIONS

Diaphragm seals are provided in the Instrument like Pressure Gauges ,Switches, Transmitters in order to isolate the sensing element from the main service due to It's 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.



HOW TO ORDER

BASIC MODEL

RANGE

S21 -1 to 0 kg/cm² & 0 to 100 kg/cm²

S22 100 kg/cm² to 250 kg/cm²

INSTRUMENT CONNECTION

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

DIAPHRAGM

UJ AISI 316L SS (Standard)

UL HASTELLOY 'C276'

UR TITANIUM

UW INCONEL 600

UM MONEL

UP SILVER*

UQ TANTALUM

UN SUPER DUPLEX

SEALING GASKET

VI PTFE (Standard)

YR METAL

YQ Inconel Silver Plate for Max 400°C (High Temp.Oil)

FLANGE

TK AISI 304 SS

TT HASTELLOY 'C'

TM AISI 316 SS(Standard)

TN CARBON STEEL

TL AISI 316L SS

TZ PVC*

UH TITANIUM

UA PVDF*

TX MONEL

TY POLYPROPELENE*

MOC OF BOTTOM CHAMBER	PRESSURE V/S TEMPERATURE					
	20°C	40°C	60°C	80°C	100°C	120°C
PVDF	10 kg/cm ²	10 kg/cm ²	10 kg/cm ²	7 kg/cm ²	4 kg/cm ²	2 kg/cm ²
PP	10 kg/cm ²	10 kg/cm ²	6 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA
PVC	10 kg/cm ²	10 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA	NA

PROCESS CONNECTION

As per DIN / BS / ANSI / JIS (Select Code from Flange Table.Refer Page No.25 & 26)

NUTS-BOLTS

XQ AISI 304SS

XR AISI 316SS

PROTECTION ON WETTED PARTS

VS PTFE LINING ON BOTTOM CHAMBER('I' SECTION) -2mm THICK (Max.Up to 150°C)

VV PTFE PROTECTION FOR DIAPHRAGM (Max.Up to 150°C max up to 100 bar)

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

FILLING LIQUID

US FLUROLUBE 4.2 [-45 to 175°C]

UX SILICON DC 200[-40 to 205°C](Standard)

VB SYLTHERM XLT [-100 to 260°C]

UT FLUROLUBE 6.3 [-40 to 235°C]

UY SILICON DC 704 [10 to 337°C]

VC HALOCARBON OIL*

UU FLUROLUBE FS-5 [-28 to 148°C]

UZ SILICON DC 710 [7 to 371°C]

VD LRS9 [-40 to 400°C]

UV FOOD GRADE OIL [-20 to 140°C]

VA SYLTHERM 800 [-40 to 315°C]

REMOTE MOUNTING (With Capillary of Max. Up to 15 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 CERTIFICATE*

Ordering Example: D-09-XXX-XX-XX-XX-XX-XX-XX-XX-XX-3 Mtr-XX-XX-XX

SPECIAL FEATURES

Welded Diaphragm
Most suitable for Slurry & Corrosive Service
Flushing Ring , Flange & Diaphragm are
available in various type of SS & Exotic Materials.

SPECIFICATIONS

Seal Type: S26= -1 to 0 kg/cm² & 0 to 250 kg/cm² (Non PTFE Lined)(Standard)
S27= -1 to 0 kg/cm² & 0 to 40 kg/cm² (PTFE Lined)*

Process Temperature: Max.150°C for PTFE Lined
-40°C to 200°C or without PTFE Lined

Instrument Connection: 1/2"NPT(F)

Process Connection: Flange (as per DIN/BS/ANSI/JIS) 125-250 AARH

Fill Fluid: Silicon Oil-DC 200

Diaphragm: AISI 316L SS

Top Chamber: AISI 316 SS

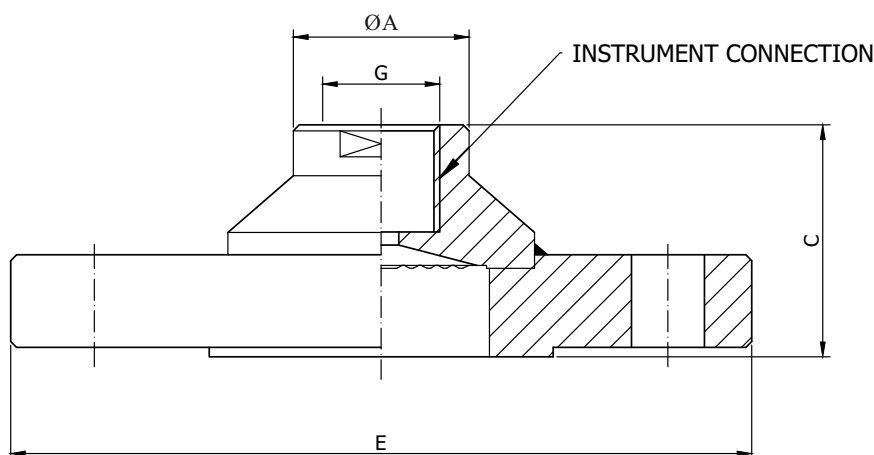
Flange: AISI 316 SS



APPLICATIONS

Diaphragm seals are provided in the Instrument like Pressure Gauges ,Switches, Transmitters in order to isolate the sensing element from the main service due to It's 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.



A	C	E	G	J
30	44.5	**	1/2"NPT(F)	***

** As per standard flange table ANSI, DIN, BS, JIS, Etc.

*** Diaphragm Dia. to suit Flange

HOW TO ORDER

BASIC MODEL

SEAL TYPE

S26 -1 to 0 kg/cm² & 0 to 250 kg/cm² (Non PTFE Lined) (Standard)* **S27** -1 to 0 kg/cm² & 0 to 40 kg/cm²(PTFE Lined)

INSTRUMENT CONNECTION

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

TOP CHAMBER

XW AISI 304 SS (Standard) **YA** AISI SS316L SS **XY** AISI 316 SS **YC** CARBON STEEL

DIAPHRAGM

UJ AISI 316L SS (Standard) **UL** HASTELLOY 'C' **UR** TITANIUM **KE** PTFE*
UM MONEL **UP** SILVER **UQ** TANTALUM

FLANGE MATERIAL

TK AISI 304 SS **TN** CARBON STEEL **UH** TITANIUM **TM** AISI 316 SS (Standard)
TL AISI 316L SS **TX** MONEL **TT** HASTELLOY C **TM** TANTALUM

PROCESS CONNECTION

As per DIN / BS / ANSI / JIS (Select Code from Flange Table.Refer Page No.25 & 26)

PROTECTION ON WETTED PARTS

VS PTFE LINING ON BOTTOM CHAMBER("I"SECTION) -2mm THICK (Max.Up to 150°C)
VV PTFE PROTECTION FOR DIAPHRAGM (Max.Up to 150°C max up to 100 bar)
VZ PTFE COATING ON DIAPHRAGM (Max.Up to 315°C)

FILLING LIQUID

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

REMOTE MOUNTING (With Capillary of Max. Up to 15 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 CERTIFICATE*

Ordering Example: D-10-XXX-XX-XX-XX-XX-XX-XX-XX-3 Mtr-XX-XX-XX

SPECIAL FEATURES

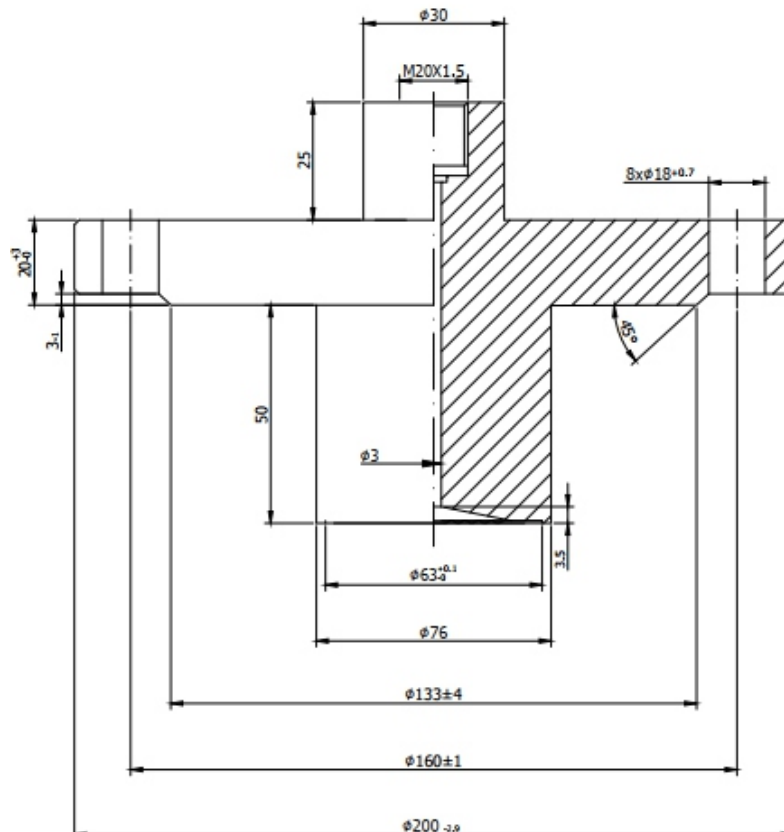
All SS 316 Construction
Ideal for Slurry / High Viscous fluids.
Flange & Diaphragm are available in various type of SS & Exotic Materials.

SPECIFICATIONS

Range: 1 kg/cm² to 250 kg/cm²*
Process Temperature: -40°C to 200°C or as per fill fluid
Instrument Connection: 1/2"NPT(F)
Process Connection: Flange (Refer Table)
Flange Finish: Finish 125-250 AARH
Diaphragm: AISI 316L SS
Body: AISI 316 SS
Flange: AISI 316 SS
Extension: 50mm (Other extension on request)
Fill Fluid: Silicon Oil -DC 200

APPLICATIONS

Diaphragm seals are provided in the Instrument like Pressure Gauges ,Switches, Transmitters in order to isolate the sensing element from the main service due to It's 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.



HOW TO ORDER

BASIC MODEL

Example

D-11

INSTRUMENT CONNECTION

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

XX

DIAPHRAGM

UJ AISI 316L SS (Standard) **UL** HASTELLOY 'C' **UM** MONEL

XX

BODY

CN MONEL **CO** HASTELLOY 'C' **CM** AISI 316L SS **CL** AISI 316 SS (Standard)

XX

BODY LENGTH (Standard: 50mm & Max. Up to 200mm)

Specify IN mm (e.g 50mm, 100mm, 150mm & 200mm)

100mm

PROCESS CONNECTION

As per DIN / BS / ANSI / JIS (Select Code from Flange Table.Refer Page No.25 & 26)

XX

FLANGE MATERIAL

TL AISI 316L SS **TX** MONEL **TT** HASTELLOY C **TM** AISI 316 SS (Standard)

XX

PROTECTION ON WETTED PARTS

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

XX

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

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

XX

REMOTE MOUNTING (With Capillary of Max. Up to 15 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

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

PF AISI 304 SS **PH** AISI 316 SS **PI** PVC

XX

OTHER OPTIONS

TB HELIUM LEAK TEST **TC** DRY SEAL ONLY WITHOUT INSTRUMENT **GH** MATERIAL TEST CERTIFICATE*

XX

Ordering Example: D-11-XX-XX-XX-100mm-XXX-XX-XX-XX-3 Mtr-XX-XX-XX

SPECIAL FEATURES

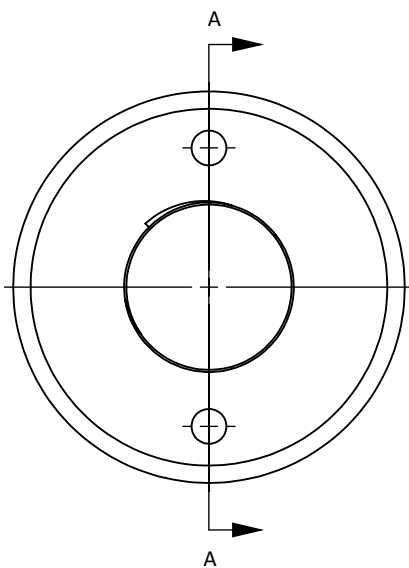
All Plastic Version
For aggressive, corrosive or environmentally-hazardous media
Plant Construction for chemical product
Electroplating
Waste water treatment

SPECIFICATIONS

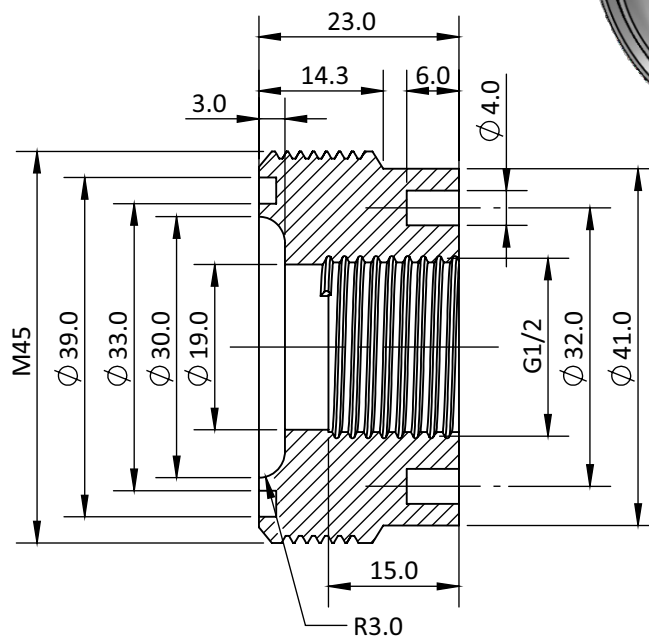
Pressure Range: 1kg/cm² to 10Kg/cm²
Process Temperature: -40°C to 140°C or as per fill fluid
Instrument Connection: G1/4(F), G1/2(F)
1/4"NPT(F), 1/2"NPT(F) (Option)
Process Connection: G1/4(F), G1/2(F)
1/4"NPT(F), 1/2"NPT(F) (Option)
Type of Mounting: Direct Mounting

APPLICATIONS

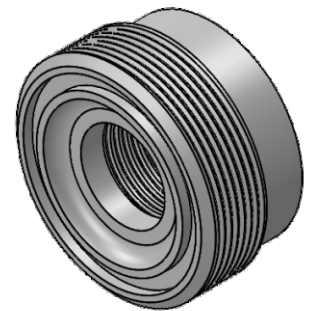
For aggressive, corrosive or environmentally-hazardous media
Plant Construction for chemical product
Electroplating
Wastewater treatment



SCALE 2 : 1.5



SECTION A-A



HOW TO ORDER

BASIC MODEL

INSTRUMENT CONNECTION

VO 1/4"NPT(F) **VN** 1/4"BSP(F) **VL** 1/2"BSP(F) **VM** 1/2"NPT(F)

PROCESS CONNECTION

WI 1/4"NPT(F) **WE** 1/4"BSP(F) **WD** 1/2"BSP(F) **WH** 1/2"NPT(F)

UPPER BODY OF DIAPHRAGM

TY POLYPROPELENE **XX** GLASS FIBRE REINFORCED
BLUE RAL5022

WETTED PARTS (LOWER BODY OF DIAPHRAGM SEAL)

TZ PVC-U GREY RAL 7011 **TY** PP, GREY RAL 7032
UA PVDF OPAQUE, YELLOW WHITE

DIAPHRAGM WITH SEALING

XX EPDM, MEDIA SIDE WITH PTFE FOIL

Ordering Example: **D-12-XX-XX-XX-XX-XX**

Example

D-12

XX

XX

XX

XX

XX

FLANGED CONNECTION CODES

AS PER ANSI B 16.5

NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE
1/2"	150	B09	1"	150	B21	1 1/2"	150	B33	2 1/2"	150	B45
	300	B10		300	B22		300	B34		300	B46
	600	B11		600	B23		600	B35		600	B47
	900	B12		900	B24		900	B36		900	B48
	1500	B13		1500	B25		1500	B37		1500	B49
	2500	B14		2500	B26		2500	B38		2500	B50
3/4"	150	B15	1 1/4"	150	B27	2"	150	B39	3"	150	B51
	300	B16		300	B28		300	B40		300	B52
	600	B17		600	B29		600	B41		600	B53
	900	B18		900	B30		900	B42		900	B54
	1500	B19		1500	B31		1500	B43		1500	B55
	2500	B20		2500	B32		2500	B44		2500	B56

AS PER JIS - B 2210

NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE
10	5K	B57	25	5K	B66	50	5K	B75
	10K	B58		10K	B67		10K	B76
	40K	B59		40K	B68		40K	B77
15	5K	B60	32	5K	B69	65	5K	B78
	10K	B61		10K	B70		10K	B79
	40K	B62		40K	B71		40K	B80
20	5K	B63	40	5K	B72	80	5K	B81
	10K	B64		10K	B73		10K	B82
	40K	B65		40K	B74		40K	B83

AS PER BS-10

NOMINAL SIZE	TABLE	CODE	NOMINAL SIZE	TABLE	CODE	NOMINAL SIZE	TABLE	CODE	NOMINAL SIZE	TABLE	CODE
1/2"	D	B84	1"	D	B96	1 1/2"	D	C09	2 1/2"	D	C21
	E	B85		E	B97		E	C10		E	C22
	F	B86		F	B98		F	C11		F	C23
	H	B87		H	B99		H	C12		H	C24
	J	B88		J	C01		J	C13		J	C25
	K	B89		K	C02		K	C14		K	C26
3/4"	D	B90	1 1/4"	D	C03	2"	D	C15	3"	D	C27
	E	B91		E	C04		E	C16		E	C28
	F	B92		F	C05		F	C17		F	C29
	H	B93		H	C06		H	C18		H	C30
	J	B94		J	C07		J	C19		J	C31
	K	B95		K	C08		K	C20		K	C32

A2 RAISED FACE

A3 FLAT FACE

A4 RING TYPE JOINT

FLANGED CONNECTION CODES

AS PER DIN 2527

DN	PN	CODE	DN	PN	CODE
40	6	A41	65	6	A61
	10	A42		10	A62
	16	A43		16	A63
	25	A44		25	A64
	40	A45		40	A65
	64	A46		64	A66
	100	A47		100	A67
	160	A48		160	A68
	250	A49		250	A69
	400	A50		400	A70
50	6	A51	80	6	A71
	10	A52		10	A72
	16	A53		16	A73
	25	A54		25	A74
	40	A55		40	A75
	64	A56		64	A76
	100	A57		100	A77
	160	A58		160	A78
	250	A59		250	A79
	400	A60		400	A80

AS PER JIS-B 2210

NOMINAL SIZE	RATING / CLASS	CODE
40A	5K	B72
	10K	B73
	40K	B74

NOMINAL SIZE	RATING / CLASS	CODE
50A	5K	B75
	10K	B76
	40K	B77
65A	5K	B78
	10K	B79
	40K	B80
80A	5K	B81
	10K	B82
	40K	B83

AS PER DIN 2642

DN	PN	CODE
40	10	A95
50		A96
65		A97
80		A98

AS PER DIN 2635

DN	PN	CODE
40	40	B05
50		B06
65		B07
80		B08

AS PER DIN 2633

DN	PN	CODE
40	16	A86
50		A87
65		A88
80		A89



ABOUT US:

Elite instruments company having 20,500 square meter manufacturing area with 350 employees.

Elite instruments have daily production capacity of 20,000 instruments Per day.

Elite instruments total invested over 12 million into our equipment and buildings.

Elite Instruments is an ISO 9000:2015 certified manufacturing company for Measuring instruments and its accessories.

We manufacture

- Pressure gauges,
- Ultra-high-pressure gauges,
- Temperature gauges
- Diaphragm seals
- Accessories
- Thermowells
- Valves and Manifolds.
- Pressure, temperature and level transmitters

Headquartered at China, Elite Instruments also have manufacturing locations at

- China
- Saudi Arabia
- Mexico
- India to better serve our customers.

We also have Distributors at

- TURKEY
- NETHERLANDS
- United States of America,
- CANADA
- MEXICO
- BRAZIL.

Elite instruments Established in 2010, we deliver over 8 million quality products per year 75 countries every year.

Currently Worldwide, estimated 6 million ELITE measuring instruments are in use. Elite serves a wide variety of industries worldwide, including:

- Oil and Gas
- Chemical and Petrochemical
- Food and Pharmaceutical
- Water and Wastewater
- Engineering and Process

Elite Instruments' customer service is fast and flexible. We always put our CUSTOMER FIRST.

Let us prove that we are the best choice for your manufacturer of measuring instruments.

Elite also specializes in developing custom-built OEM products as per customer exact requirements.

Our proficient team of engineers will work to bring your custom design products to life, or work with you to create new products designed to meet your exact needs.

Our customers have testified that the Quality, workmanship, appearance and packaging of Elite products are second to none.

Please visit our website www.elite-instruments.com or send your enquiry to sales@elite-instruments.com

PRESSURE GAUGES



www.amieliteinstruments.com



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