



**BACRUFLEX**

Al servicio de la minería,  
pesquería e industria

Catálogo de productos

**ACCESORIOS  
PARA  
MANÓMETROS**

**DCi**  
**Dynamic**

"Precision and quality  
you can trust."



## **DIAPHRAGM CHEMICAL SEALS, WELDED BODY**

MODEL: DCS 30

### *Applications*

**DCS30 is designed to isolate the sensing element of pressure gauges from process fluids that may be corrosive, viscous, sedimentous and/or with high temperature.**

**DCS30 is suitable for pressure from 0 to 600 bar with thread design.**



### *Technical instrument specifications model DCS30*

#### **Instrument connection:**

*1/4", 1/2" NPT female*

#### **Process connection**

*1/4", 1/2" NPT male or female*

#### **Process temperature**

*-45+150°C*

#### **Filling liquid:**

*Silicone oil, glycerin, fluorocarbon oil, vegetable oil*

#### **Pressure range:**

*0 - 600 bar*

#### **Materials:**

*Gasket: Teflon*

*Diaphragm: SS 316L, SS 316L PTFE coating, SS 316L teflon lined, HC, TI, etc*

*Nuts and bolts: SS 316, SS304*

*Upper housing: SS 316, SS304*

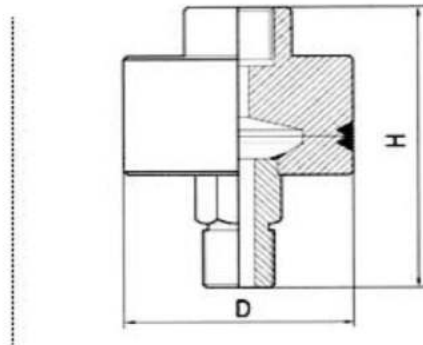
*Lower housing: SS 316, SS304*

*Process and instrument connection: SS 316, SS316L*

**DCS30 MODEL**



**Dimension:**



**Table Options for filling working fluid**

Working fluid	Diaphragm seal temp. range(°C)	Service	Instrument normal Oper. Temp(°C)
Silicon(low viscosity)	-40°..130°	General	-30°..50°
Silicon(high viscosity)	-30°..240°	High temp.	-20°..60°
Fluorocarbon oil	-30°..160°	Salt & Acid	-20°..50°
Glycerine	-5°..100°	Food	-5°..40°
Propylene Glycol	-30°..100°	Food	-20°..40°

*Standard Working Fluid is Silicon (Low Viscidity)*

**DCS30 MODEL**

**Technical Dimension and Characteristic**

Model	Dimension and characteristic			
	D	H	Pressure	Weight
DCS30	62	90	-1 ≤ P ≤ 600 bar	1, 10 kgs