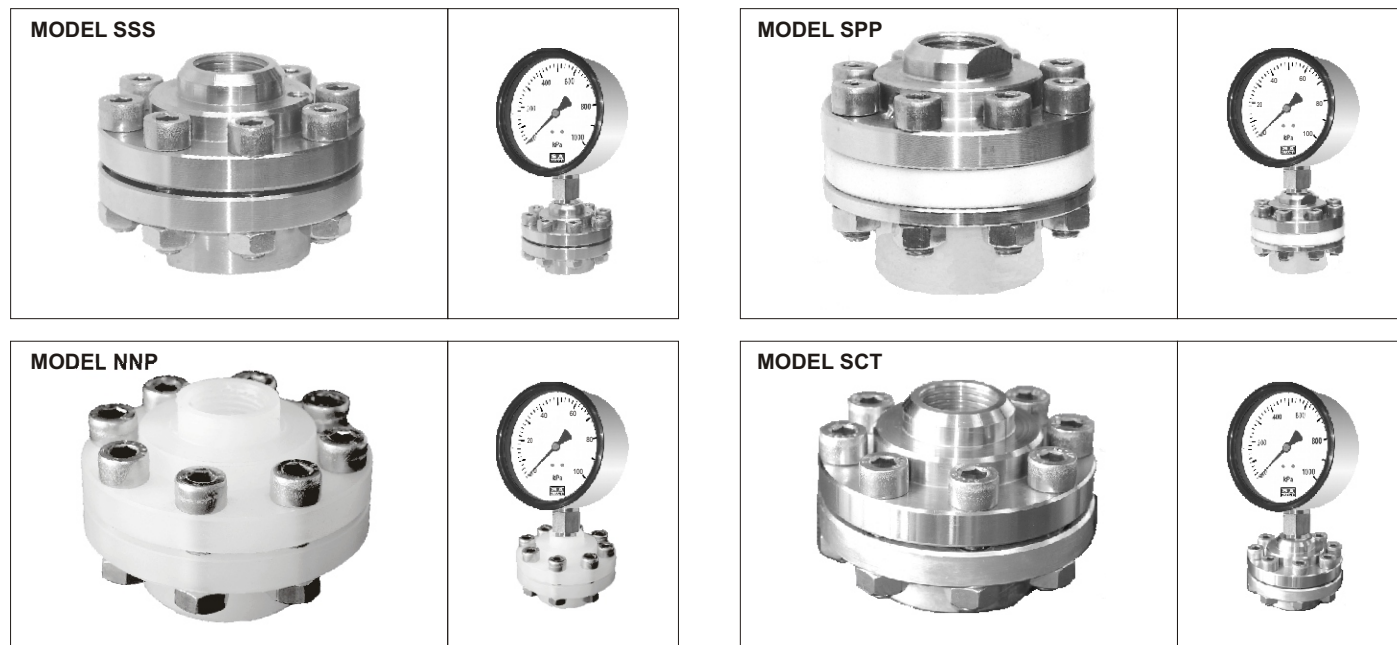




DIAPHRAGM SEALS

Type CS70



SA Gauge diaphragm seals are designed to protect the pressure gauge when dealing with hot, aggressive, solidifying or hygienic media, insuring accurate and trouble free pressure indication. Typical applications will be the food and beverage, chemical and slurry industries or any other application where the pressure media will obstruct or corrode the pressure system.

CONSTRUCTION	MODEL SSS	MODEL SPP	MODEL NNP	MODEL SCT
Upper body With 1/2" BSP female gauge port standard. (other sizes on request)	Stainless Steel 316	Stainless Steel 316	Polypropylene	Stainless Steel 316
Lower body With 1/2" or 1" process connection standard. (other sizes and male connections on request)	Stainless Steel 316	PTFE	Polypropylene	Carbon Steel cadmium plated.
Diaphragm	Stainless Steel 316 welded to upper body (PTFE protection optional)	PTFE (stainless steel 316 or tantalum reinforcing optional)	PTFE (stainless steel 316 or tantalum reinforcing optional)	Tantalum welded to upper body. (PTFE protection optional)
Bolting	8 x M8 Stainless Steel 316 Cap screws.	8 x M8 Stainless Steel 316 Cap screws.	8 x M8 Stainless Steel 316 Cap screws.	8 x M8 Stainless Steel 316 Cap screws.
Sealing gasket	PTFE	PTFE	PTFE	PTFE
Pressure rating	Vacuum to 60 MPa	Vacuum to 1600 kPa	Vacuum to 1600 kPa	Vacuum to 60 MPa
Filling fluid	DC 20 Silicon Oil	DC 20 Silicon Oil	DC 20 Silicon Oil	On request (To suit application)
Operating temperature	-20 °C + 200 °C	-20 °C + 120 °C	-20 °C + 120 °C	-20 °C + 200 °C
Optional extras	Cooling tower Capillary extension Special filling liquids Repairs, diaphragm renewed	Cooling tower Capillary extension Special filling liquids Repairs, diaphragm renewed	Cooling tower Capillary extension Special filling liquids Repairs, diaphragm renewed	Cooling tower Capillary extension Special filling liquids Repairs, diaphragm renewed