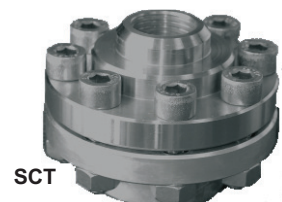




<b>DIAPHRAGM SEALS</b>
<b>General Industrial Use</b>
CS70 Series

Data Sheet D CS70



For dimensional drawing see technical section

SA Gauge diaphragm seals, with application driven filling fluids, 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 chemical and slurry industries or any other application where the pressure media will obstruct or corrode the pressure system.

	<b>MODEL SSS</b>	<b>MODEL SPP</b>	<b>MODEL PPP</b>	<b>MODEL SCT</b>
<b>Upper Body</b> With 1/2" BSP female gauge port standard. ( other sizes on request )	Stainless Steel 316	Stainless Steel 316	Polypropylene	Stainless Steel 316
<b>Lower Body</b> With 1/2" or 1" process connection standard. ( other sizes and male connections on request )	Stainless Steel 316	PTFE	Polypropylene	Carbon Steel cadmium plated.
<b>Diaphragm</b>	Stainless Steel 316 welded to upper body ( PTFE protection optional )	Standard: S/Steel 316, Optional: Hastelloy or Tantalum welded to upper body Optional: With 0.5mm PTFE protection	Standard: S/Steel 316 with 0.5mm PTFE protection Optional: Hastelloy or Tantalum	Tantalum welded to upper body. ( PTFE protection optional )
<b>Bolting</b>	8 x M6 Stainless Steel 316 Cap screws	8 x M6 Stainless Steel 316 Cap screws	8 x M8 Stainless Steel 316 Cap screws	8 x M8 Stainless Steel 316 Cap screws
<b>Sealing Gasket</b>	PTFE	PTFE	PTFE	PTFE
<b>Pressure Rating</b>	Vacuum to 60 MPa	Vacuum to 1600 kPa	Vacuum to 1600 kPa	Vacuum to 60 MPa
<b>Filling Fluid</b>	DC 20 Silicon Oil	DC 20 Silicon Oil	DC 20 Silicon Oil	On request (To suit application)
<b>Operating Temperature</b>	-20 °C + 200 °C	-20 °C + 120 °C	-20 °C + 120 °C	-20 °C + 200 °C
<b>Optional Extras</b>	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
<b>Weight</b>	0.9	0.65	0.2	0.9