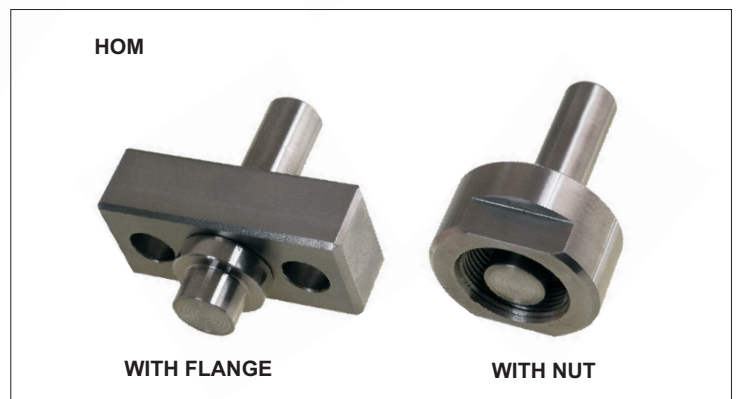




DIAPHRAGM SEALS		
Food / Hygiene Series		
NW - Series	MINI - Series	HOM - Series

Data Sheet D HOM



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.

	<b>MODEL NW</b>	<b>MODEL MINI</b>	<b>MODEL HOM</b>
<b>Service intended</b>	Dairy seal for food and hygienic applications. <i>( Easy to strip and clean )</i>	Compact size to suit space restricted applications. <i>( Not suitable for pressures below 600 kPa )</i>	Homogeniser seal for hot & high pressure applications. <i>( Not suitable for pressure ranges below 6 MPa )</i>
<b>Construction</b>	Stainless steel 316 DIN nut. Stainless steel 316 body with stainless steel 316 welded diaphragm. Gauge connection: 1/2" BSP female Process connection: DIN 25 / 40 / 50	Stainless steel 316 body with stainless steel 316 welded diaphragm. Gauge connection: 1/4" BSP female Process connection: 3/4" BSP male	Stainless steel 316 body with stainless steel 316 welded diaphragm Gauge connection: 1/4" BSP female. Process connection: Homogeniser flange or Male running nut.
<b>Pressure rating</b>	Vacuum to 0 ... 4000 kPa	0 ... 600 kPa to 0 ... 60 MPa	0 ... 6 MPa to 0 ... 60 MPa
<b>Filling fluid</b>	Glycerine / water mixture or vegetable oil.	DC 20 Silicon oil.	DC 20 Silicon oil.
<b>Operating temp.</b>	-20 °C + 120 °C	-20 °C + 200 °C	-20 °C + 300 °C
<b>Optional extras</b>	Male thread instead of union nut. Cooling tower. Capillary extension. Repairs, diaphragm renewed.	Extended body length. S / steel 316 adaptor 3/4" BSP female <i>( To convert seal male thread to 1/4", 3/8", 1/2" BSP or NPT male / female )</i> S / steel cross flow adaptor with bleed port. Cooling tower. Capillary extension. Repairs, diaphragm renewed.	Extended body length. Capillary extension. Repairs, diaphragm renewed.