

SERIES: S22

Model	S22-1	S22-2
Diameter	92 mm	110 mm
Max. Process Pressure at 20°C	1000 psi (70 bar)	5800 psi (400 bar)
Min. Process Pressure	-14.5 psi (-1 bar)	1450 psi (100 bar)
Instrument Connection	1/2" NPT (F) standard; also available 1/4" NPT (F), 1/4" BSP (F), 1/2" BSP (F); Capillary as option	
Process Connection	1/2" NPT (M) standard; also available 1/4", 3/4" NPT (M), 1/4", 1/2", 3/4" BSP (M), 1/4", 1/2", 3/4" NPT or BSP (F), M20x1.5 (M), M33x1.5 (M)	



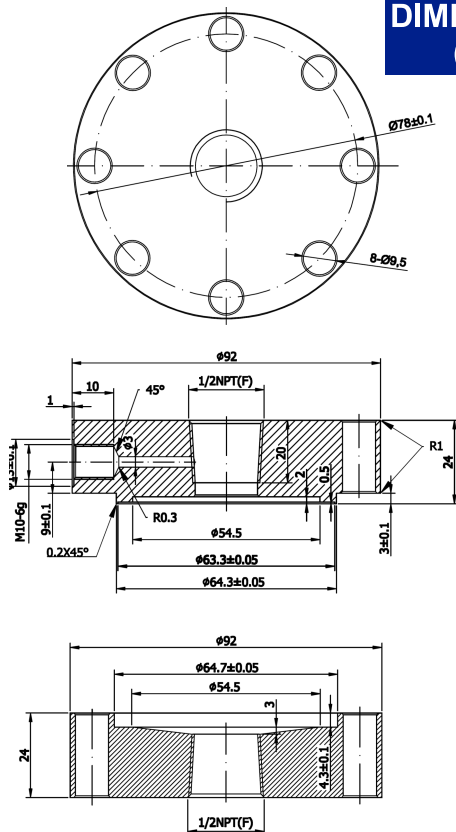
The diaphragm is welded to the body to ensure separation of the filling fluid from the process medium.

SPECIFICATIONS

Upper Body	304 SS (std.), 316 SS or 316L SS (option)
Bottom Chamber	316 SS (std.), 304 SS, 316L SS, Titanium, Tantalum, Monel, Hastelloy 'C', PVC, PVDF, PP (option); plastic materials are up to 150 psi @ 20°C
Diaphragm	316L SS (std.), Titanium, Tantalum, Monel, Hastelloy 'C', Inconel 600, Silver, PTFE coating
PTFE Lining	2 mm thick on bottom chamber up to 200°C; On the diaphragm: 1) max. 200°C & 1500 psi, 2) for max. temperature of 315°C
Sealing Ring	PTFE (std), metal or Inconel silver (option)
Capillary (option)	304 SS (std.), 316 SS (option); 15 m max.
Armour	304 SS (std.), 316 SS or PVC (option)
Filling Fluids	Various fluids covering from -100 to 370°C suitable for food and other applications. Always inform us about the range of the process temperature.
Optional Tests	Helium leak test
Optional Test Cert.	Calibration test certificate; Material certificate

Specifications may change without notice.

DIMENSIONS (mm)



ORDER CODES

Model S22							
FLANGE SIZE	1 2						
92 mm							
110 mm							
PROCESS CONNECTION	0 1 2 3 4 5 9						
1/2" (standard)							
1/4"							
3/4"							
M20x1.5							
M33x1.5							
Flange (customer to supply spec.)							
Other							
PROCESS THREAD	0 1 3 4 5 9						
Male NPT (standard)							
Male BSP							
Female NPT							
Female NPT							
Flange (customer to supply spec.)							
Other							
INSTRUMENT CONNECTION	0 1 2 3 4						
1/2" NPT (F) standard							
1/2" BSP (F)							
1/4" NPT (F)							
1/4" BSP (F)							
Capillary (consult for material, armour and length)							
SEALING RING EMBEDDED	A B C						
PTFE for max. 200°C (standard)							
Metal							
Inconel Silver Plate (400°C)							
DIAPHRAGM	C E F H K L M N S						
316L SS (standard)							
PTFE Coated (max. 200°C & 1500 psi)							
PTFE Coated (max. 315°C)							
Hastelloy 'C'							
Titanium							
Tantalum							
Monel							
Inconel 600							
Silver							
BOTTOM CHAMBER	A B C F H K L M P T W						
316 SS (std.)							
304 SS							
316L SS							
PTFE Lining							
Hastelloy 'C'							
Titanium							
Tantalum							
Monel							
PVC (max. 150 psi @ 20°C, 30 psi @ 120°C)							
PVDF (max. 150 psi @ 20°C, 15 psi @ 100°C)							
Polypropylene (max. 150 psi @ 20°C, 15 psi @ 80°C)							
UPPER CHAMBER	0 1 2						
304 SS (std.)							
316 SS							
316L SS							

Consult Indumart for the required tests and other materials and specify the required temperature and application to choose the right filling fluid.