



SERIES: S21

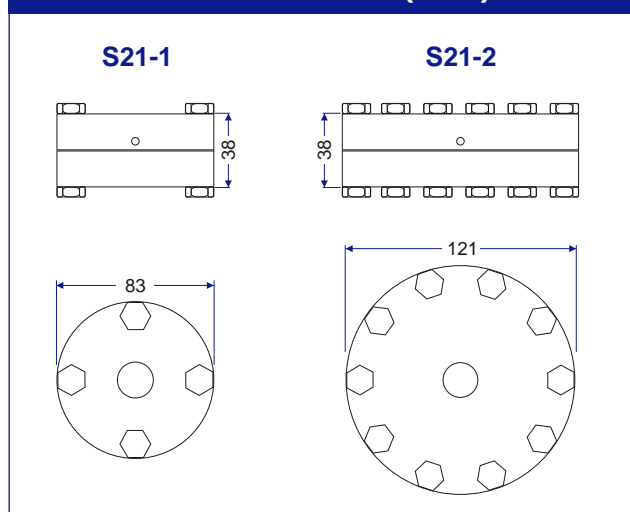


Model	S21-1	S21-2
Diaphragm Diameter	51 mm (20W)	89 mm (35W)
Process Connection	¼", ½", ¾", 1" female NPT; ½" male NPT or BSP; DN15, 25, 40, 50 flange PN2.5 -160; ASME ½"...2" flange 150 - 600#	
Instrument Connection	¼", ½" NPT or BSP female; Capillary as option	
Max. Process Pressure at 20°C	4500 psi (300 bar) with 8 bolts; 1800 psi (125 bar) with 4 bolts 1500 psi (100 bar) with 10 bolts (std.)	
Min. Press. Span for Pressure Gauges	15 psi (1 bar)	7 psi (0.5 bar)
Min. Press. Span for Press. Transmitters	12 psi (0.8 bar)	1.2 psi (0.08 bar)
Min. Press. Span for Diff. Press. Trans.	3 psi (0.2 bar)	0.15 psi (0.01 bar)
Max. Capillary Length (m)	15	

SPECIFICATIONS

Wetted Parts	316L stainless steel
Upper Body	316L stainless steel
Sealing Ring	PTFE (std), graphite (option)
Flange Facing	Raised face (std), ring joint, flat face, groove, male, tongue
Capillary (option)	316 stainless steel
Armour	Stainless steel with optional protection sleeve of PTFE, PVC or silicone
Silicon Oil	Suitable for -40...345°C
Standard Tests	Calibration at 20°C; He test
Optional Tests	Dye penetration test for weld
Optional Test Cert.	Calibration test certificate; NACE certificate; Material certificate, Conformity on pressurised parts;

DIMENSIONS (mm)



ORDER CODES

Model S21	-	-	-	-	-
DIAPHRAGM SIZE	51 mm (20 W)	1			
	89 mm (35 W)	2			
PROCESS CONNECTION	¼"		0		
	½"		1		
	¾"		2		
	1"		3		
	Flange (customer to supply spec.)		4		
PROCESS THREAD	Male NPT (½" only)			A	
	Male BSP (½" only)			B	
	Female NPT			C	
	Flange (customer to supply spec.)			D	
INSTRUMENT CONNECTION	¼" female NPT				1
	¼" female BSP				2
	¼" welded				3
	½" female NPT				4
	½" female BSP				5
	½" welded				6
	Capillary (consult Indumart Inc. for specifications)				C
SEALING RING EMBEDDED	PTFE for max. 200°C (standard)				0
	Graphite for max. 345°C (option)				1
Consult Indumart Inc. for other body and diaphragm materials.					

Other Body and Diaphragm Materials (option)

Upper & Lower Parts	Diaphragm
Hastelloy B2; Hastelloy C276; Inconel 600; Monel 400; Nickel 200; Titanium; Tantalum Lining: PTFE, PVDF, Tantalum	Hastelloy B2; Hastelloy C276; Inconel 600; Monel 400; Nickel 200; Titanium; Tantalum Coating foil: FEP; PFA; PTFE Coating only: ETFE; PVDF; Gold; Silver