



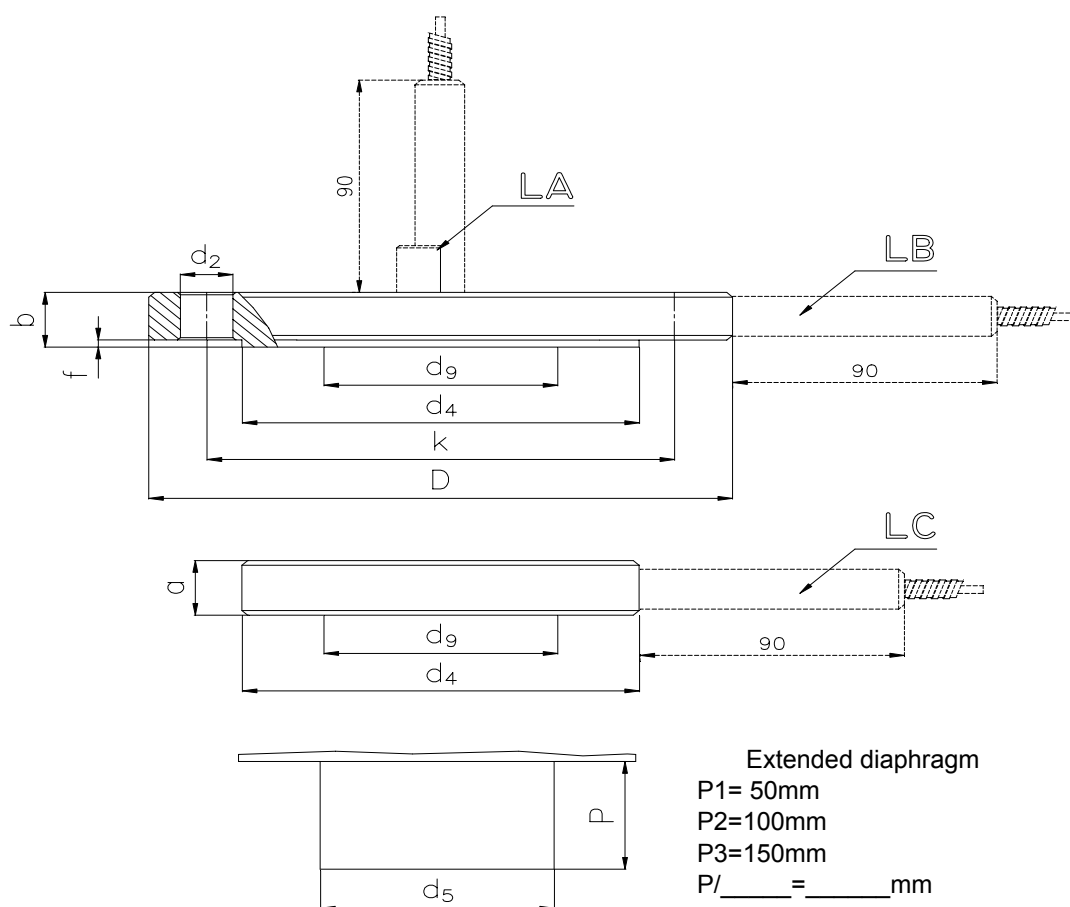
FLANGE-MOUNTED DIAPHRAGM SEALS

SFS-EN 1092-1 (DIN-) STANDARD

Models LA, LB and LC

Models of diaphragm seals are LA, LB and LC which are available according to SFS-EN 1092-1 (DIN-), ASME and JIS standards. Models LA and LB are connected directly to a process with bolts, when the model LC needs a separate tightening flange. The standard material of the body and wetted parts is Stainless Steel AISI 316. Alternatives for diaphragm material are Hastelloy C, Tantalum, Titanium, Duplex (2205 SAF) and AISI 316L coated with Teflon folio. Standard dimensions of flanges are DN 25, DN 32, DN 40, DN 50, DN 80 and DN 100 and also similar dimensions for ASME and JIS standards. The most common nominal pressure is PN 40.

Diaphragm seals with flange connection could be connected to actual measuring equipment either directly or with capillary tube.



DN	PN	D	a - b	d4	f	d5	k	d2	Bolts	d9
25	40	115	18 - 18	68	2	25	85	14	4	40
50	40	165	20 - 20	102	3	48	125	18	4	50
80	40	200	20 - 24	138	3	76	160	18	8	80



FLANGE-MOUNTED DIAPHRAGM SEALS ASME STANDARD

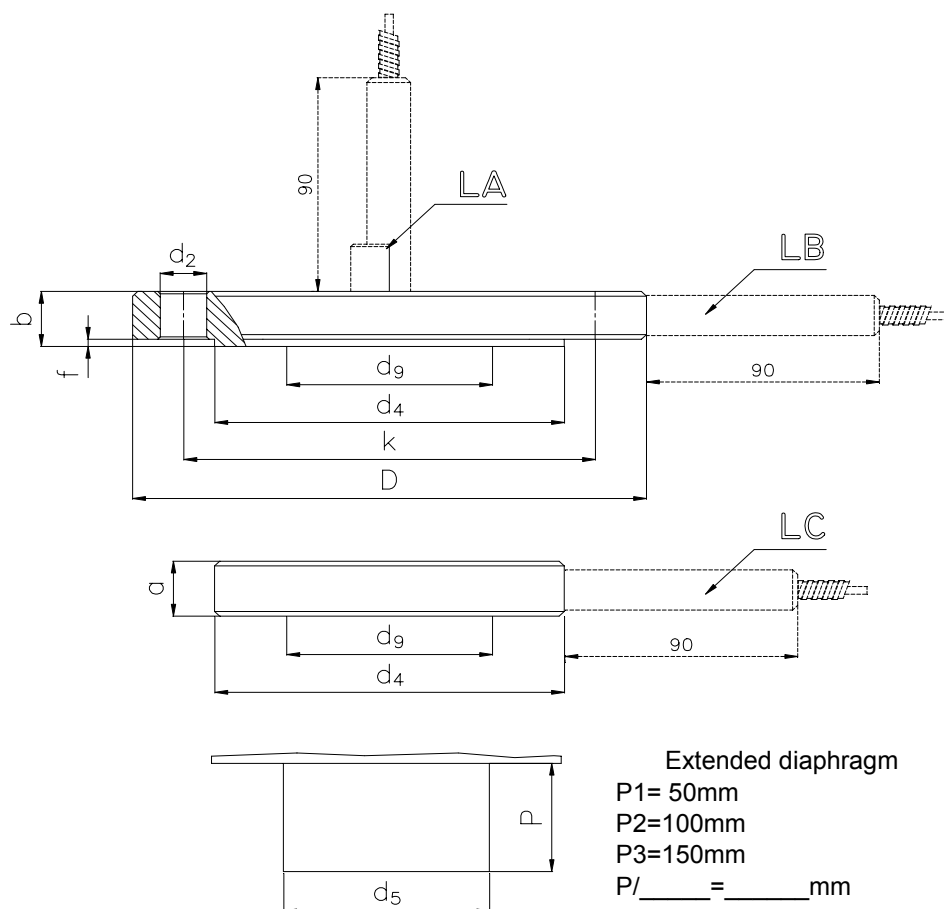
Models LA, LB and LC

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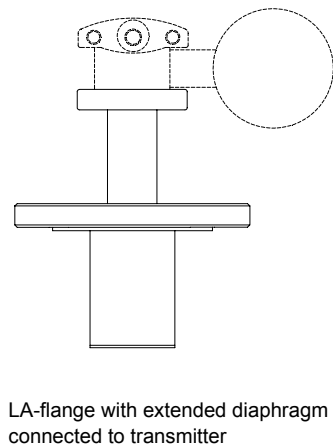
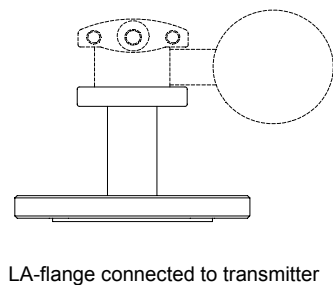
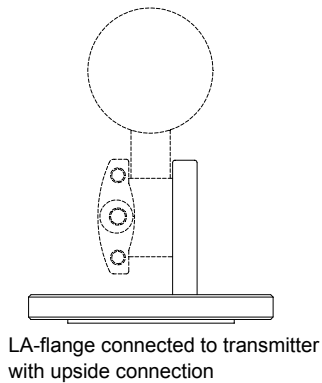
Standard dimensions of flanges are ASME 16.5 RF 1", 2", 3"

The most common nominal pressure is 150lbs, 300lbs.

Diaphragm seals with flange connection could be connected to actual measuring equipment either directly or with capillary tube.



DN	PN	D	a - b	d4	f	d5	k	d2	Bolts	d9
1"	150	108	14,3	50,8	1,6	25	79,5	16	4	28
1"	300	124	17,5	50,8	1,6	25	89	19	4	28
1 1/2"	150	127	17,5	73	1,6	38	98,5	16	4	40
1 1/2"	300	156	20,5	73	1,6	38	114,5	22	4	40
2"	150	152,5	19	92	1,6	48	120,5	19	4	50
2"	300	165	22	92	1,6	48	127	19	8	50
3"	150	190,5	23,8	127	1,6	76	152,5	19	4	80
3"	300	209,5	28,5	127	1,6	76	168,5	22	8	80
3"	600	209,5	38,2	127	6,4	76	168,5	22	8	80



LA.	Flange, measuring connection on top																																			
LB.	Flange, measuring connection on side																																			
LC.	Flange, pancake, needs separate connecting flange																																			
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- Flange mounted type
 - Process connection DN80 PN40 flange
 - Capillary, welded
 - Cap. diameter 3,18x1,76, length 3 meters
 - Flange body AISI 316, wetted parts TANTAL
 - See separate data sheet

