

FEATURES

- MODEL D410 - LV  
Threaded
- MODEL D412 - LV  
Flanged
- MODEL D413 - LV  
Open flange

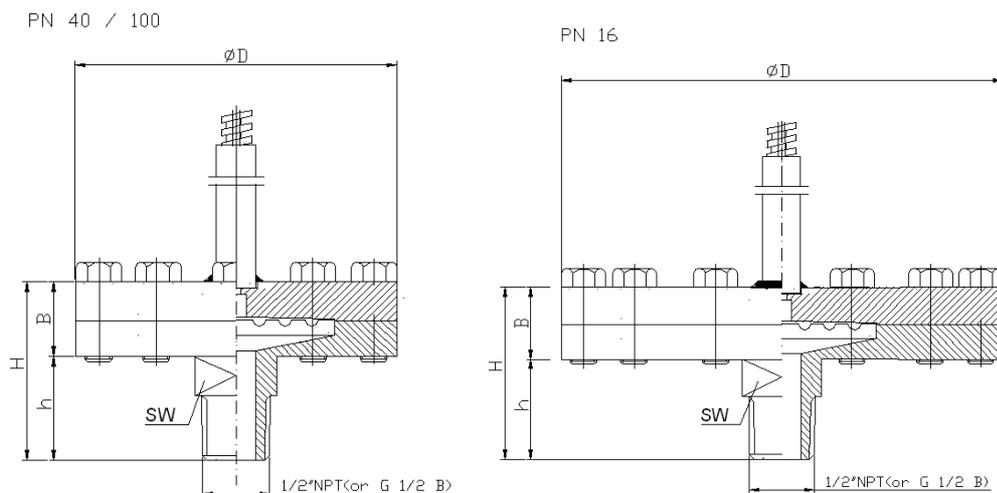


APPLICATION

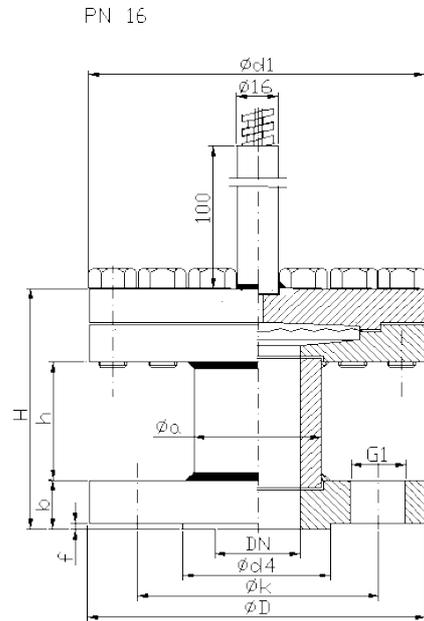
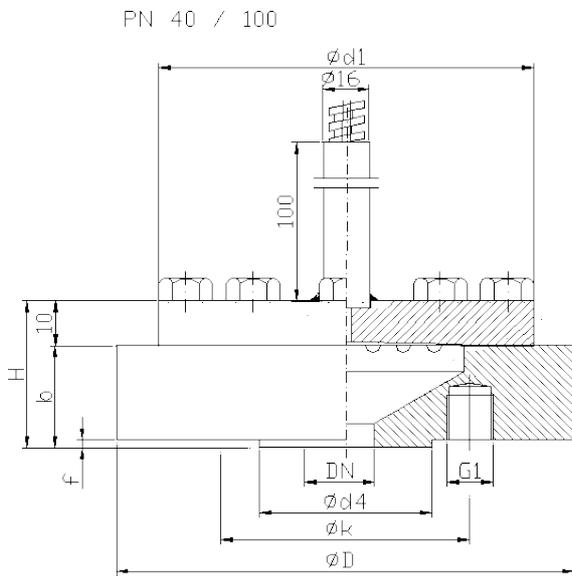
Diaphragm seal to combine with pressure gauges and differential pressure gauges with diaphragm or transmitters for low pressure ranges. Suitable for corrosive, contaminated or hot pressure media.

STANDARD SPECIFICATIONS

Range type	:	100 mbar and up (depend on application)
Upper body	:	AISI 316
Diaphragm	:	AISI 316L
Lower body	:	AISI 316 / 316 L
Process connection	:	Threaded or flanged
Pressure rating	:	PN 16 with 124 mm diaphragm PN 40 / 100 with 72 mm diaphragm
Bolting	:	AISI 304
Instrument connection	:	1/2" BSP F for direct mounting 1/4" NPT F for capillary



PN bar	DIMENSIONS mm					
	D	dM	H	h	B	SW
40	110	72	51	30	21	22
16	160	124	60	36	24	22



DN mm <sup>1</sup>	PN bar	DIMENSIONS mm									
		dM	D	d1	d4	h	H	k	b	f	G1
15	40	72	110	110	45	-	48	65	32	2	M 12
15	40	124	95	160	45	63	79	65	16	2	Ø 14
25	40	72	115	110	68	-	42	85	26	2	M 12
50	40	72	165	110	102	-	44	125	28	3	M 16
50	40	124	165	160	102	54	70	125	20	3	Ø 18

NPS In. <sup>1</sup>	PN class	DIMENSIONS mm									
		dM	D	d1	d4	h	H	k	b	f	G1
½	300	72	110	110	35	-	48	66.5	32	1.6	½"
½	150	72	110	110	35	-	50	60.5	34	1.6	½"
1	300	72	125	110	51	-	42	89	26	1.6	5/8"
2	300	72	165	110	92	-	42	127	26	1.6	5/8"
2	150	124	150	160	92	54	70	120.5	18	1.6	Ø 20

**ORDERING CODES**

1. TYPE		D410	8. PROCESS CONNECTION		14N			
D410	Threaded		LC	14B		1/2" BSP (M)	15B	3/4" BSP (M)
D412	Flanged			12N		1/4" NPT (M)	14N	1/2" NPT (M)
D413	Open flange	15N		3/4" NPT (M)				
			04N	1/2" NPT (F)				
2. TOP CHAMBER MATERIAL		LC	9. PROTECTION ON WETTED PARTS					
LC	AISI 304		LF	AISI 316				
LG	AISI 316L		PA	PTFE lining on bottom chamber				
			PB	PTFE lining on bottom chamber				
			PC	PTFE coating on diaphragm				
3. DIAPHRAGM MATERIAL		DG	10. ASSEMBLY					
DG	AISI 316L		DM	Monel 400				
DO	Hastelloy C-276	DQ	Inconel 600					
4. GASKETS		RM	11. CAPILLARY					
RP	PTFE		RM	Viton				
5. BOTTOM CHAMBER MATERIAL		NF	12. ARMOUR					
NC	AISI 304		NF	AISI 316				
NG	AISI 316L		NM	Monel 400				
NO	Hastelloy C-276		OU	AISI 304 SS	OV	AISI 316 SS		
6. INSTRUMENT CONNECTION		04B	13. REMOTE MOUNTING LENGTH					
04B	1/2" BSP (F)		04N	1/2" NPT (F)				
7. SEALING FLUID		OA	14. OTHER OPTIONS					
OA	Silicon oil [-40°C to 250°C]		XZ	Dry seal				
OF	Food grade oil [-20°C to 200°C]		HL	Helium leak test				
OI	Syltherm 800 [-40°C to 400°C]		TM	Material test certificate 2.2				
OL	Silicon DC 710 [7°C to 371°C]		TC	Material test certificate 3.1				

**Ordering Example : D410-LC-DG-RM-NF-04B-OA-14N-B8**