

Diaphragm Seals - Type 7313 - VARIVENT®-Connection - Hygienic Process Conditions



- FLUSH WELDED DIAPHRAGM OF STAINLESS STEEL 1.4435 (316L)
- SPECIAL MATERIALS ON REQUEST -
- FOR MOUNTING IN VARINLINE®-ACCESS UNITS
- RESIDUES-FREE CLEANING OF MEASURING POINT, CIP- AND SIP-COMPATIBLE
- MOUNTING TO MANOMETER AND PRESSURE TRANSMITTER
- FOR FOOD AND BEVERAGE INDUSTRY, BIOTECHNOLOGY, PHARMACY

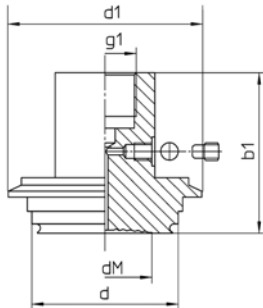
TECHNICAL DATA



General information	
Process connection	Connection VARIVENT® for VARINLINE®-access units stainless steel 1.4435 (316L), Type MDM 7313 - Form F, DN 50 (Installation-ø 50 mm) for VARINLINE® - access units DN 25- 32 and 1" - Form N, DN 68 (Installation -ø 68 mm) for VARINLINE® - access units DN 40-DN 125 and 1 ½" - 4"
Basic body	stainless steel 1.4435 (316L)
Separating diaphragm	stainless steel 1.4435 (316L), welded, other materials on request
Nominal Pressure	PN 16 or PN 25 Please note: pressure stage of VARINLINE®-access units!
Minimum pressure range	depend on model, see tables
Instrument connection	standard: G ½ DIN EN 837-1, optional: directly welded
Filling liquid	standard: Paraffin oil, with FDA approval, others filling liquid on request
Max. cleaning temperature	+ 150 °C (+302° F) (for the complete pressure measuring system with pressure gauge NCS 100 (4") mounted, other versions on request)
Options	
Separating diaphragm	stainless steel 1.4435 (316L), electropolished
Installation	- via cooling element - via capillary line (please specify the length by ordering)
Certificates	material certificate 3.1, EN 10204 for medium contacted parts
Accessories/ mounting parts (please order separately)	
	o-ring sealing of EPDM
	fixing clamp, stainless steel
	plate VARIVENT® DN 50, stainless steel
	plate VARIVENT® DN 68, stainless steel
	welding flange design form T, stainless steel
	VARINLINE®- access units from DN 25, stainless steel (please specify nominal size)

DIMENSIONAL DRAWINGS

Diaphragm seals Type 7313

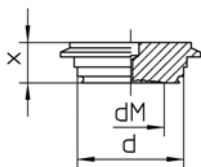


Dimensions (mm/inches) and Weight (kg/lb), Minimum Pressure Ranges (MPR)¹⁾ for Manometer NCS 100 (4")¹⁾

Model	DN	Suitable for tube Ø	PN	d	d1	dM	b1	g1	MPR	Weight (approx.)
MDM 7313 Varivent®- Connection	50	Ø 25 and Ø 32 mm Ø .98 and Ø 32 mm	25 360	50	66	30	55 2.17	G ½ ½" BSP	0 – 2,5 bar 0 – 30 psi	0,56 1.23
	68	Ø 40 up to 125 mm Ø 1.57 up to 4.92	16 230	68	84	46 1.81			0 – 1 bar 0 – 15 psi	0,82 1.81

¹⁾ Valid for pressure gauge NCS 100 (4"); also valid corresponding vacuum and vacuum/pressure compound ranges. Data for other pressure measuring instruments on request.

Welded Version Type 7313 v:



Dimensions (mm/inches) and Weight (kg/lb), Minimum Pressure Ranges (MPR)¹⁾

Model	DN	Suitable for tube Ø	PN	d	dM	x	MPR	Weight (approx.)
MDM 7313v Varivent® - Connection*	50	Ø 25 und Ø 32 mm Ø .98 and Ø 32 mm	25 360	50	30	19 .75	0 – 2,5 bar 0 – 30 psi	0,34 .75
	68	Ø 40 bis 125 mm Ø .98 and Ø 32 mm	16 230	68	46 1.81		0 – 1 bar 0 – 15 psi	0,60 1.32

* welded

Our products are constantly in further development, therefore subjects to modifications.

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