

AB Type Of Diaphragms



	Plastic Version	3 Part Versions, Male Thread or Flange Connection		
Model	MDM 7190	MDM 7210	MDM7211	MDM 7280
Process Connection	½" BSP female/ outside glue joint acc. To DIN 8063 Part 8 Optionally: Welded male connection M14x1.5 et. al	½" BSP male Optionally: Metric/NPT thread, open flanges acc. to DIN EN (DN 15...50) and ASME (½"...2") et. al	½" BSP male Optionally: Metric/NPT thread open flanges acc. to DIN EN and ASME et. al	½" BSP female Optionally: ½" BSP male, ½"...2" NPT female, 1"...2" NPT male et. al
PN	PN 10 att + 20°C (+68°F)	PN 40 PN100 (option)	PN 250	PN 600
Material	PVC, options: PP, PVDC Diaphragm EPDM/PTFE	Upper housing 316 L Diaphragm 316 L Lower housing carbon steel, zinc plated Others (available)	Upper housing 316 L Diaphragm 316 L Lower housing carbon steel, zinc plated Others (available)	316 L stainless steel Others (available)
Instrument Connection	½" BSP female ¼" BSP female (option)	½" BSP female Others at option	½" BSP female Others at option	½" BSP female Others at option
Filling Fluid	Glysantin	Silicon oil Others (available)	Silicon oil Others (available)	Silicon oil Others (available)
Specifics	Screws 304 stainless steel, Cover caps PE	Attachment flange and screws with nuts carbon steel, zinc plated optionally stainless steel	Attachment flange and screws carbon steel, zinc plated optionally stainless steel	Screws carbon steel, zinc plated optionally stainless steel



Hygienic Applications food Industry / Biotechnics/ Pharmacy

	Conenction with Flat From Sealing			Aseptic Connection for o-ring Sealing				
	Hygienic connection with	Standard	Size	Model	Aseptic connection with	Standard	Size	Model
Process Connection	DIN 11 851	DIN 11 851	DN 25...80	MDM 7310	DIN 11 864-1 Form A	DIN 11 864-1 Form A	DN 25...80	MDM 7310.1
and	Union nut	APV-ISS	DN 1"...3"	MDM7320	Südmo	Südmo	DN 25...80	MDM 7311
		APV-RJT	DN 1"...3"	MDM7330	Naue	Naue	DN 40...80	MDM 7312
Model	Clamp	IDF-Norm	DN 1"...3"	MDM 7350	Guth (LKM)	Guth (LKM)	DN 40...80	MDM 7316
		SMS-Norm	DN 1"...3"	MDM 7370	Neumo / Bioconnect®	Neumo / Bioconnect®	DN 40...80	MDM 7317
PN	Male thread connection	DS 722	DN 25...80	MDM 7380	for Din pipes	for Din pipes	DN 40...50	MDM 7317.1
		DIN 11 851	DN 25...80	MDM 7315	for ISO pipes	for ISO pipes	DN 40...50	MDM 7317.1
Material	Clamp	APV-ISS	DN 1"...3"	MDM 7325	Varivent®	Varivent®	DN 50, 68	MDM 7313
		SMS-Norm	DN 1"...3"	MDM 7375	APV In-Line	APV In-Line	DN 50, 68	MDM 7319
Instrument Connection	Clamp	DS 722	DN 25...80	MDM 7385	Neumo / Biocontrol®	Neumo / Biocontrol®	DN 25...80	MDM 7391
		ISO 2852	DN 1"...3"	MDM 7340	for Din pipes	for Din pipes	DN 40...80	MDM 7340.5
Filling Fluid	Clamp	DIN 32 676	DN 25...80	MDM 7430.1	for ISO pipes	for ISO pipes	DN 40...80	MDM 7340.9
Specifics								

PN 10 to 40, depending on model and size
316 L stainless steel, (available)
½" BSP female, others at option, e.g. welded to a pressure gauge

Vegetable oil, (available)
Flush welded diaphragm; EHEDG approval for various versions