

## SANITARY PUMPS

### HYGIENIC CONSTRUCTION



#### **1. Quick dismantling**

The clamp system ensures rapid dismantling without any tools.

#### **2. Plain surface**

The sandwich diaphragm has a completely plain surface, which eliminates bacteria growth problems. This diaphragm is available in food grade material - pure TFM (PTFE).

#### **3. Superior finish**

Both liquid-side and outside are electropolished to obtain superior finish and hygiene. Special surface finish may be done according to your requirements.

#### **4. Pollution-free air valve**

The sealing system is lubrication-free, always keeping your product and environment free from oil contamination.

#### **5. Variety of connection types**

The pump is supplied as standard with connections according to DIN 11851. However, the pump may be equipped with almost any type of connections used in the hygienic field: TriClamp, SMS, RJT, JIS, ANSI, etc.

#### **6. Pump designed for CIP and SIP systems**

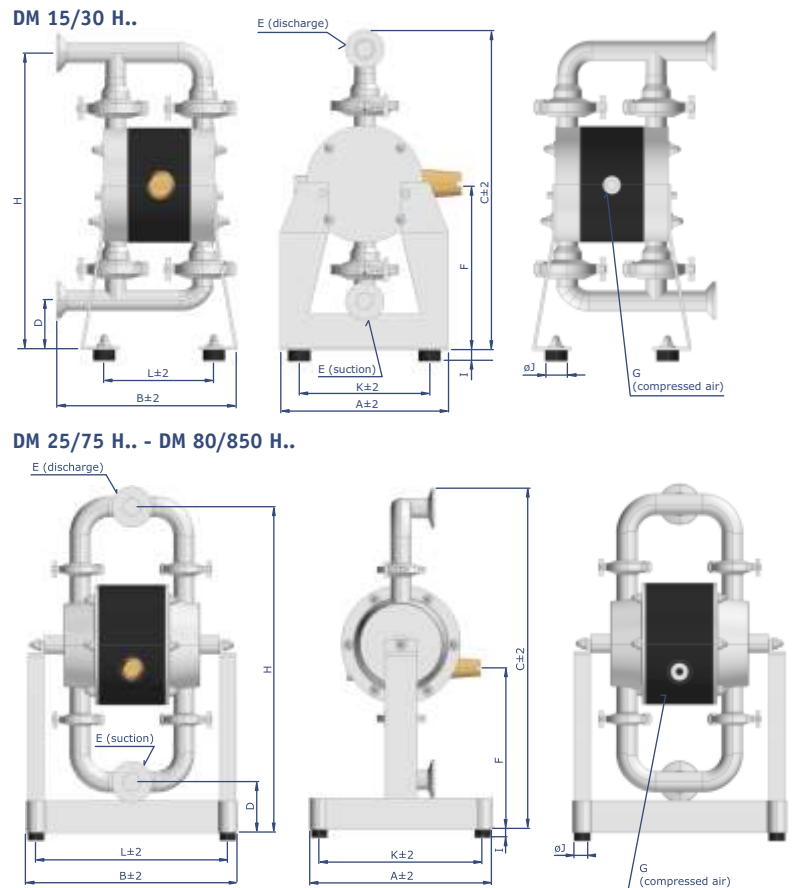
Cleaning-In-Place (CIP) and Sterilization-In-Place (SIP) are systems designed for automatic cleaning and disinfecting without major disassembly and assembly work.

## AISI 316L POLISHED - HYGIENIC PUMP



Hygienic design made from electropolished stainless steel to meet the requirements in hygienic installations.

### DIMENSIONAL DRAWING



DIMENSIONS	A	B	C	D	E			F	G	H	I	ØJ	K	L
					TC	DN	SMS							
<b>DM 15/30</b>	150	165	299	46	1/2"	15	-	162	R 1/8"	282	18	30	116	103
<b>DM 25/75</b>	230	264	419	75	1"	25	25	204	R 1/4"	394	18	30	206	238
<b>DM 40/125</b>	256	287	465	67	1 1/2"	40	38	221	R 1/4"	440	18	30	226	257
<b>DM 50/315</b>	350	387	679	102	2"	50	51	247	R 1/2"	640	18	30	325	357
<b>DM 65/565</b>	350	459	888	126	2 1/2"	65	64	357	R 1/2"	842	18	30	326	435
<b>DM 80/850</b>	590	600	1310	129	3"	80	90	688	R 3/4"	1257	30	60	565	575

### TECHNICAL DATA

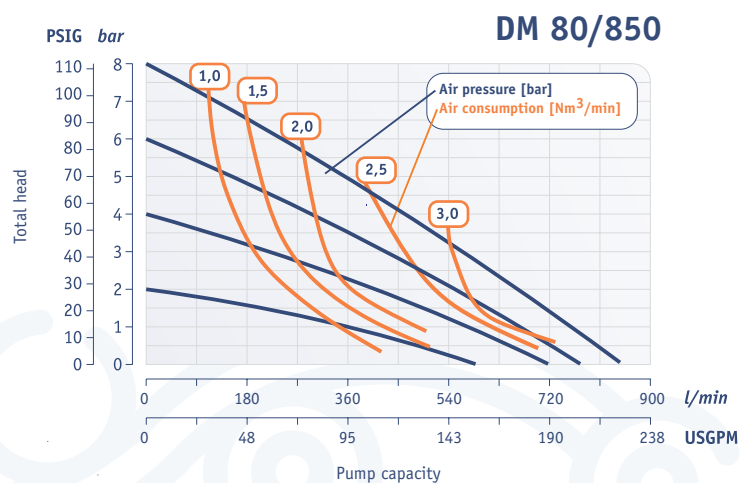
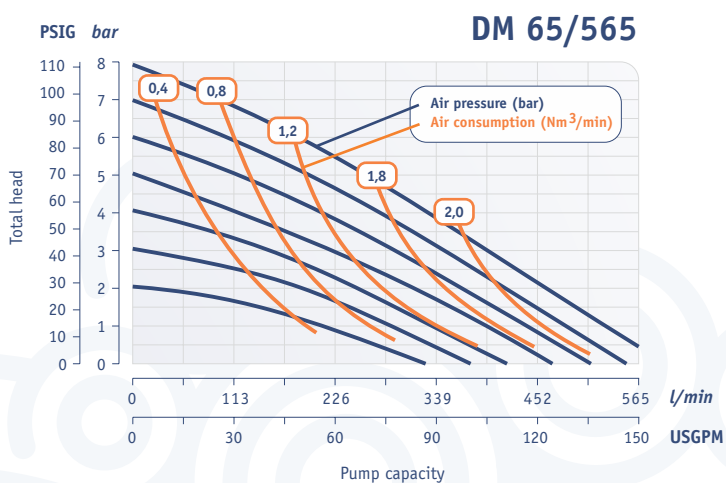
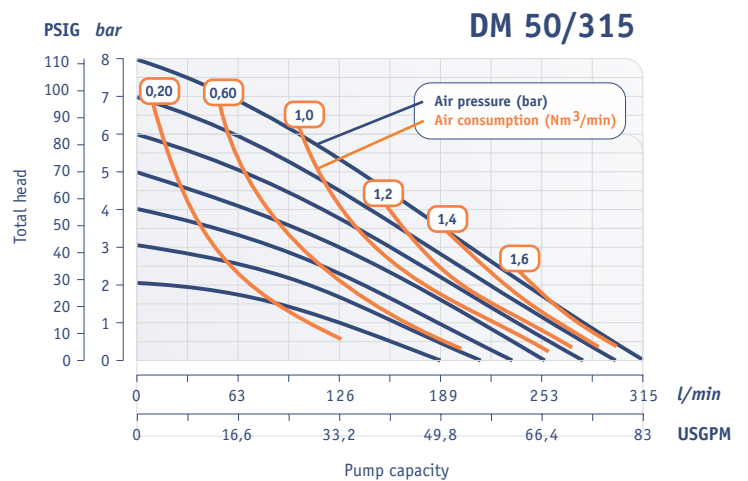
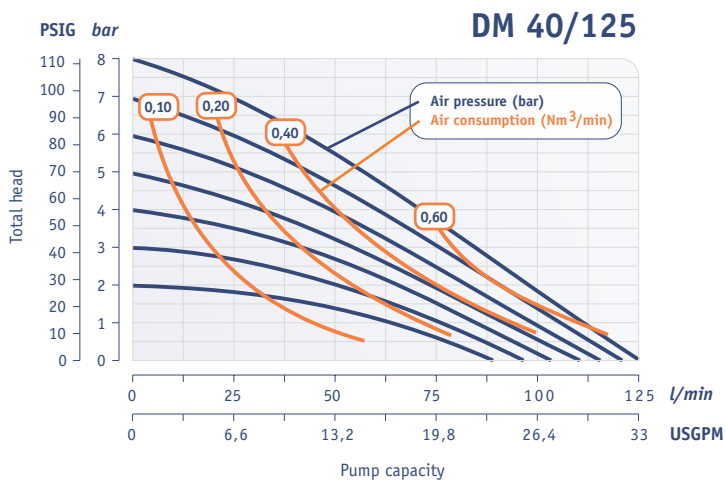
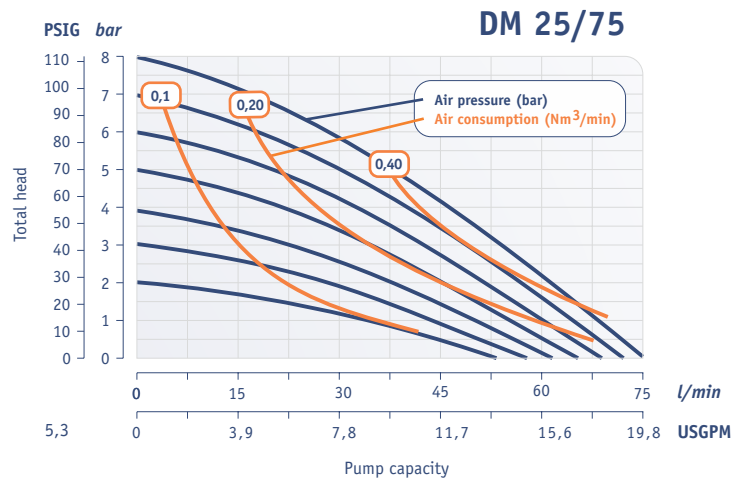
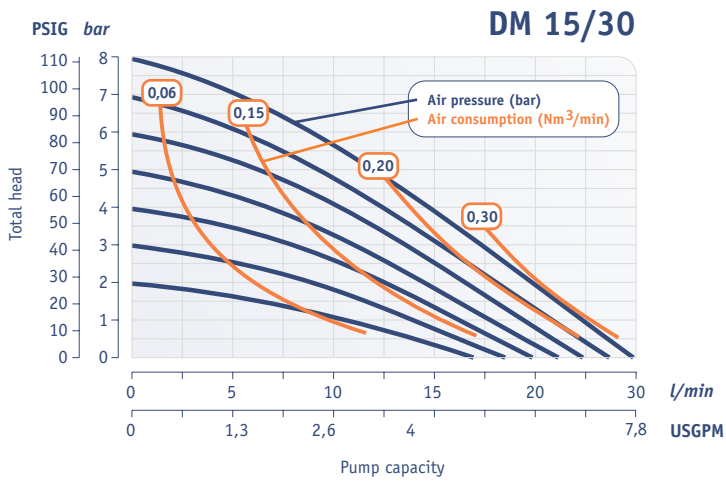
	15/30	25/75	40/125	50/315	65/565	80/850
Max capacity [l/min]	30	75	125	315	565	850
Max pressure [bar]	8					
Nominal port size acc. to DIN 11851	DN 15	DN 25	DN 40	DN 50	DN 65	DN 80
Optional connections	TriClamp, SMS, RJT, JIS, ANSI					
Air connection	R 1/8"	R 1/4"	R 1/4"	R 1/2"	R 1/2"	R 3/4"
Suction lift dry [mWC]	1,5	3,0	4,0	4,0	5,0	5,0
Suction lift wet [mWC]	9,0					
Max diameter solids [mm]	4	5	8	11	14	15
Temperature limits - NBR, EPDM [°C]	80					
Temperature limits - PTFE [°C]	120					
Weight [kg]	5	8	11	26	34	85
Material of pump housing	AISI 316L					
Material of centre housing	PE, PE conductive					
Diaphragm options	NBR, EPDM or TFM/PTFE					
Valve balls	NBR, EPDM, PTFE, AISI 316					NBR, EPDM, PTFE
Gaskets	Silicone, PTFE, EPDM, NBR					

#### Sanitary series

Sanitary series is particularly designed to meet the requirements of the food, beverage, pharmaceutical and cosmetic industries. Lubrication-free air distribution system, maintenance-free ball check valve system and total visual inspection of the wetted parts can be some of the major features for this pump series.

#### Made to be clean

Our design allows for total visual inspection of the wetted parts. There are no hidden areas where bacteria can grow. The manifold clamps and the housing screws are simply removed for complete disassembly and cleaning. The pump is also designed for cleaning and sterilization in place - C.I.P. and S.I.P. After such operations, the pump is easily turned around for drainage.





## SPECIAL VERSIONS



### TROLLEY FOR PUMP

Make your DELLMECO pump mobile. The trolley is available for all pump sizes.



### HEATING/COOLING JACKET

The heating/cooling jacket is used when the pumped product has to maintain a specific temperature, high or low, throughout the process. A heating or cooling medium is continuously circulated inside of the jacket. The jacket is covering all the wetted parts of the pump. Available on all sanitary series pumps.