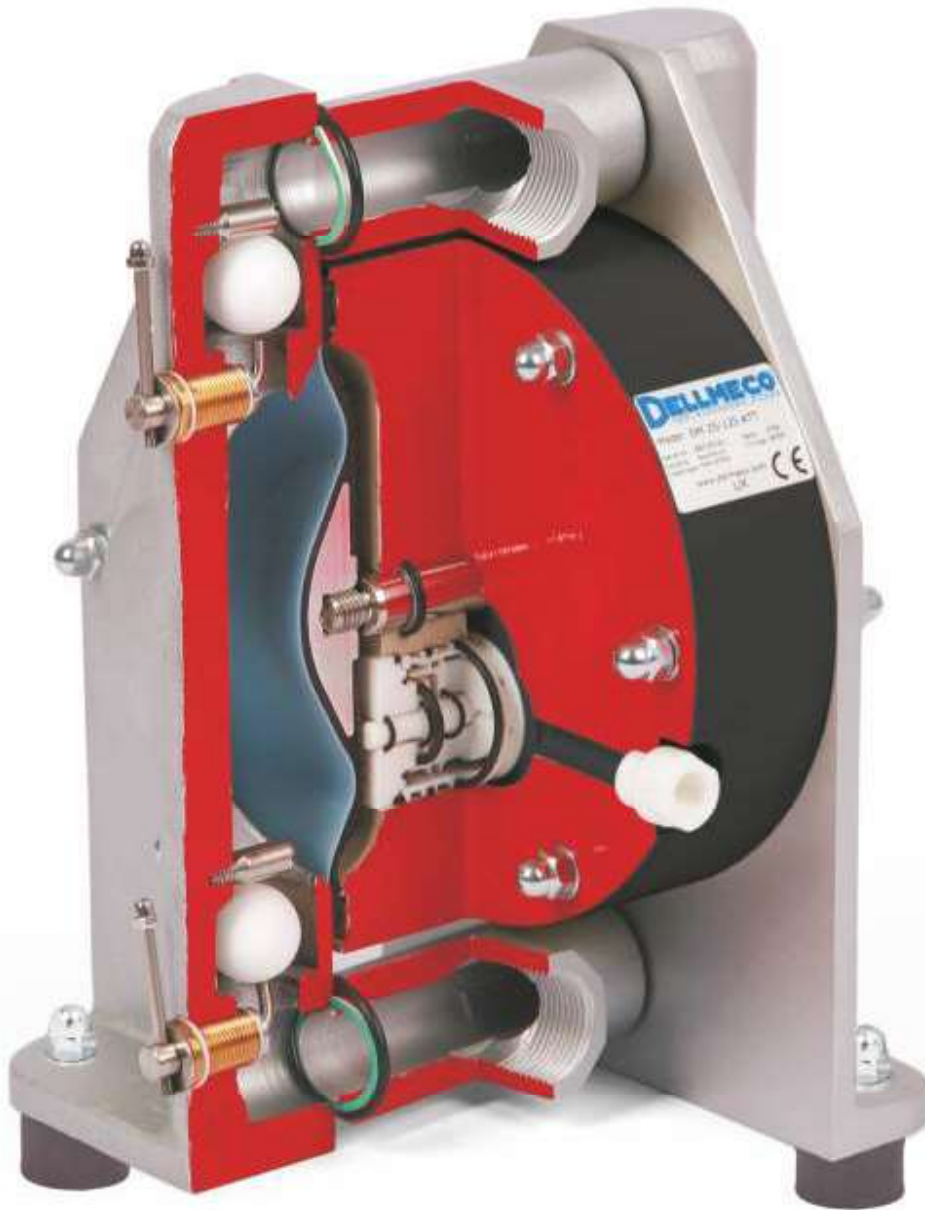


METAL PUMPS



1. Designed to succeed

- temperatures up to 120 °C
- pressure up to 14 bar
- lubrication-free operation
- low air consumption

2. Flexible installations

- BSP as standard,
- PN10, PN16, ANSI, NPT, split manifold configurations available
- connections may rotate 180°

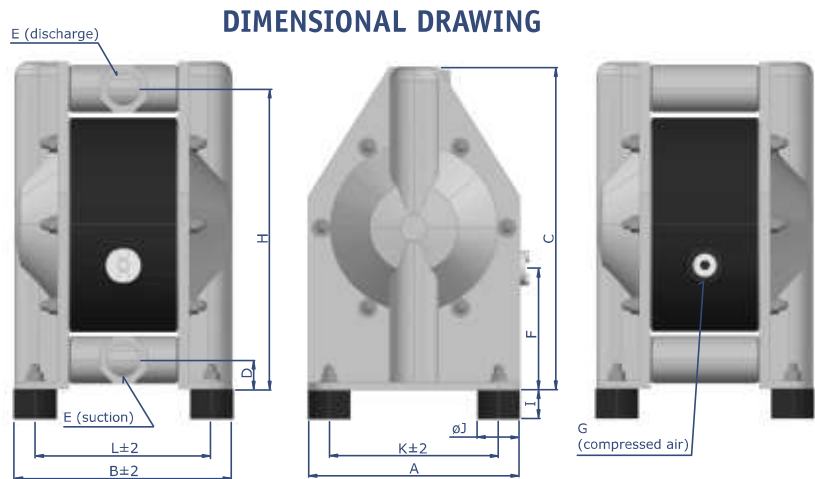
3. Solid and strong

- gentle pumping action
- viscous product transfer
- the valve seat made of AISI 316 is integrated with pump housing

4. Perfect diaphragm

- completely smooth liquid-side surface (no holes)
- no metal in contact with the liquid
- material matching application

ALUMINIUM, ALUMINIUM WITH PTFE, CAST IRON

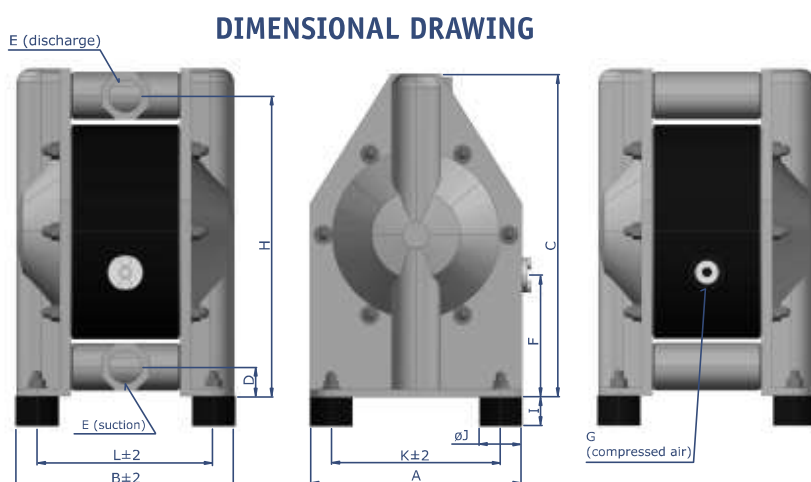


DIMENSIONS	A	B	C	D	E	F	G	H	I	øJ	K	L
DM 15/25	104	122	166	17	G 1/2"	85	R 1/8"	153	10	15	84	98
DM 20/75	150	171	230	21	G 3/4"	84	R 1/4"	212	18	30	116	133
DM 25/125	200	202	305	27	G 1"	115	R 1/4"	280	28	40	160	164
DM 40/315	273	267	417	34	G 1 1/2"	110	R 1/2"	382	28	40	220	213
DM 50/565	352	345	546	48	G 2"	165	R 1/2"	501	30	60	282	281
DM 80/850	485	530	833	72	G 3"	364	R 3/4"	760	40	75	410	449

TECHNICAL DATA

	15/25	20/75	25/125	40/315	50/565	80/850
Max capacity (l/min)	25	75	125	315	565	850
Max pressure (bar)	8					
Nominal port size	1/2"	3/4"	1"	1 1/2"	2"	3"
Air connection	R 1/8"	R 1/4"	R 1/4"	R 1/2"	R 1/2"	R 3/4"
Suction lift dry (mWC)	2,0	3,0	4,0	4,0	5,0	5,0
Suction lift wet (mWC)	9,0					8,0
Max diameter solids (mm)	3	4	7	10	12	15
Temperature limits - NBR, EPDM (°C)	80					
Temperature limits - PTFE (°C)	120					110
Weight - Alu (kg)	1,9	4,9	8	18	33	118
Material of pump housing	Aluminium, Aluminium Coated with PTFE, Cast Iron					Aluminium
Diaphragm options	NBR, EPDM or TFM/PTFE					
Valve balls	NBR, EPDM, PTFE, AISI 316, PU					NBR, EPDM, PTFE
O-rings	NBR, EPDM, or FEP/FPM					

STAINLESS STEEL AISI 316 - INDUSTRIAL



DIMENSIONS	A	B	C	D	E	F	G	H	I	øJ	K	L
DM 20/75	150	171	230	21	G 3/4"	86	R 1/4"	212	18	30	118	139
DM 25/125	200	202	306	29	G 1"	117	R 1/4"	282	28	40	160	164
DM 40/315	270	267	412	34	G 1 1/2"	110	R 1/2"	380	28	40	213	213
DM 50/565	350	345	538	48	G 2"	165	R 1/2"	493	30	60	286	285
DM 80/850	590	600	1310	129	G 3"	688	R 3/4"	1257	30	60	565	575

TECHNICAL DATA

	20/75	25/125	40/315	50/565	80/850
Max capacity (l/min)	75	125	315	565	850
Max pressure (bar)	8				
Nominal port size	3/4"	1"	1 1/2"	2"	3"
Air connection	R 1/4"	R 1/4"	R 1/2"	R 1/2"	R 3/4"
Suction lift dry (mWC)	3,0	4,0	4,0	5,0	5,0
Suction lift wet (mWC)	9,0				
Max diameter solids (mm)	4	7	10	12	15
Temperature limits - NBR, EPDM (°C)	80				
Temperature limits - PTFE (°C)	120				110
Weight - AISI 316 (kg)	9,5	14	31	70	97
Material of pump housing	AISI 316				AISI 316L
Diaphragm options	NBR, EPDM or TFM/PTFE				
Valve balls	NBR, EPDM, PTFE, AISI 316, PU				NBR, EPDM, PTFE
O-rings	NBR, EPDM, or FEP/FPM				

* - PU (polyurethane) valve balls are not available for DM 80/850 pump

SPECIAL MATERIAL VERSIONS



Aluminium coated with PTFE as alternative solution for AISI 316 pumps.
Pump connection are made of AISI 316.
Especially suitable for print and ink industry.



Cast iron Pump with PE-conductive (polyethylene conductive) center section.

SPECIAL MATERIAL VERSIONS



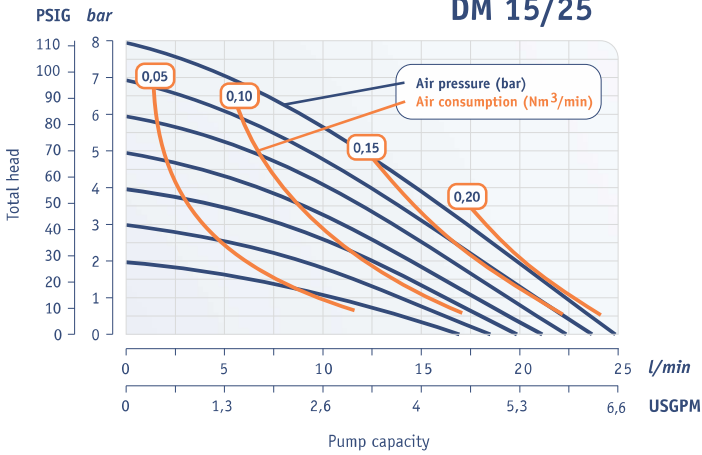
Metal pump with heating/cooling jacket. The heating/cooling jacket is used when the pumped product has to maintain a specific temperature, high or low, throughout the process. A heating or cooling medium is continuously circulated inside of the jacket. The jacket is covering all the wetted parts of the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

Available on all industrial series pumps.

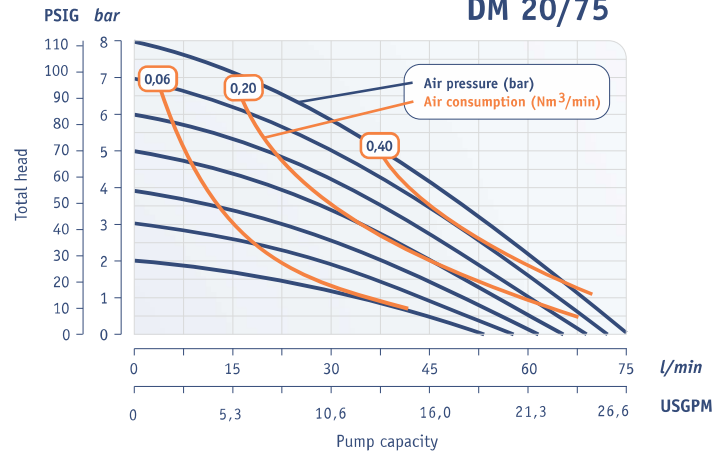


Metal pump with handle for drum option.

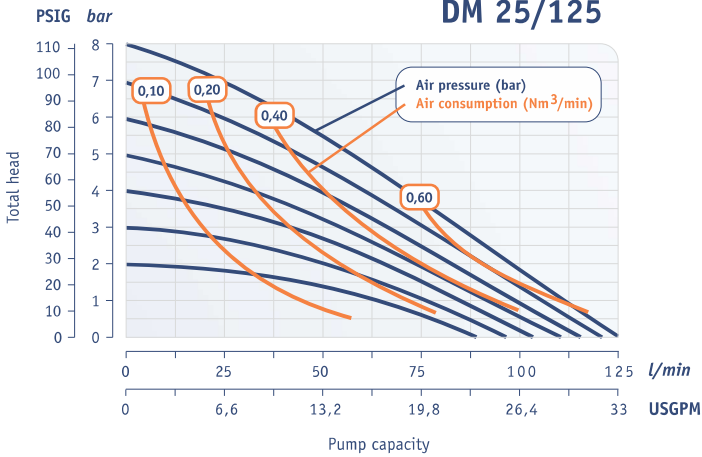
DM 15/25



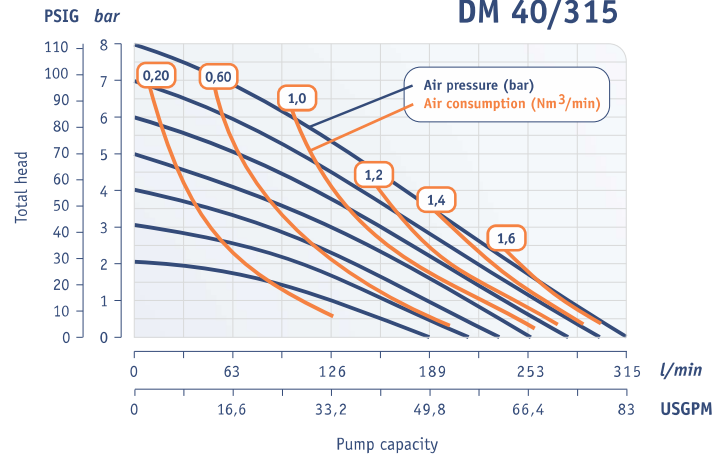
DM 20/75



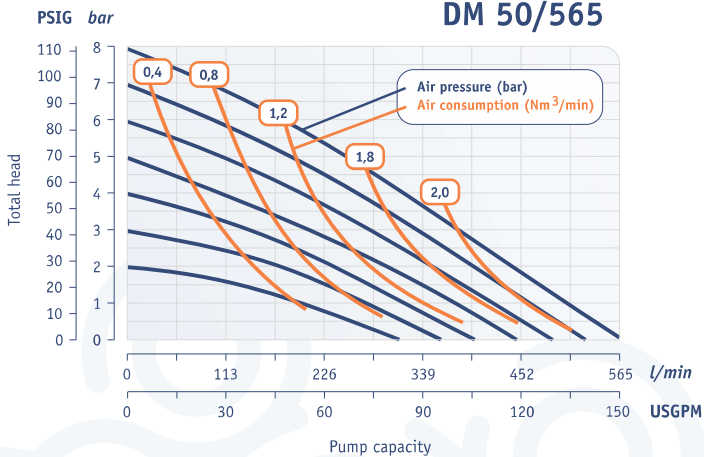
DM 25/125



DM 40/315



DM 50/565



DM 80/850

