

METAL PUMPS



1. Designed to succeed

- temperatures to 120°C
- pressure to 16bar
- lubrication-free operation
- low air consumption

2. Flexible installations

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

3. Solid and strong

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

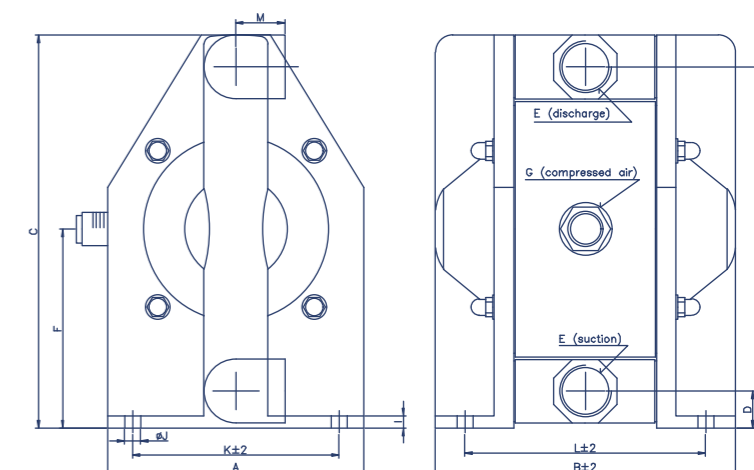
4. Perfect diaphragm

- completely smooth liquid side surface (no hole)
- no metal in contact with the liquid



ALUMINIUM, ALUMINIUM WITH PTFE, CAST IRON

DIMENSIONAL DRAWING



DIMENSIONS	A	B	C	D	E	F	G	H	I	ØJ	K	L	ØM	N	O
DM 20/75	150	171	228	19	G 3/4"	84	R 1/4"	209	7	8.5	116	133	31	17.8	30
DM 25/125	200	202	302	27	G 1"	115	R 1/4"	279	7	8.5	160	164	34	27.8	40
DM 40/315	270	267	412	34	G 1 1/2"	157	R 1/2"	380	10	8.5	220	213	45	30	60
DM 50/565	350	345	535	46	G 2"	222	R 1/2"	493	10	8.5	280	281	58	30	60

TECHNICAL DATA

	15/25	20/75	25/125	40/315	50/565
Max capacity (l/min)	25	75	125	315	565
Max pressure (bar)	8				
Nominal port size	1/2"	3/4"	1"	1 1/2"	2"
Air connection	R 1/8"	R 1/4"	R 1/4"	R 1/2"	R 1/2"
Suction lift dry (mWC)	2	3	4	4	5
Suction lift wet (mWC)	9				
Max diameter solids (mm)	3	4	7	10	12
Temperature limits - NBR, EPDM (°C)	80				
Temperature limits - PTFE (°C)	120				
Weight - Alu (kg)	1.9	4.9	8	18	33
Material of pump housing	Aluminium, Aluminium Coated with PTFE, cast iron				
Diaphragm options	NBR, EPDM or TFM/PTFE				
Valve balls	NBR, EPDM, PTFE, AISI 316, PU				
O-rings	NBR, EPDM, or FEP/FPM				

The above figures represent EPDM-fitted pump capabilities. It can vary for PTFE-fitted diaphragm.