

POLYETHYLENE AND PTFE 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, AISI316, ANSI, NPT, split manifold configurations available
- connections may rotate 180°C

3. Solid and strong

- housing machined from a solid PE, PTFE (and conductive)
- stand against aggressive chemicals
- gentle pumping action
- viscous product transfer

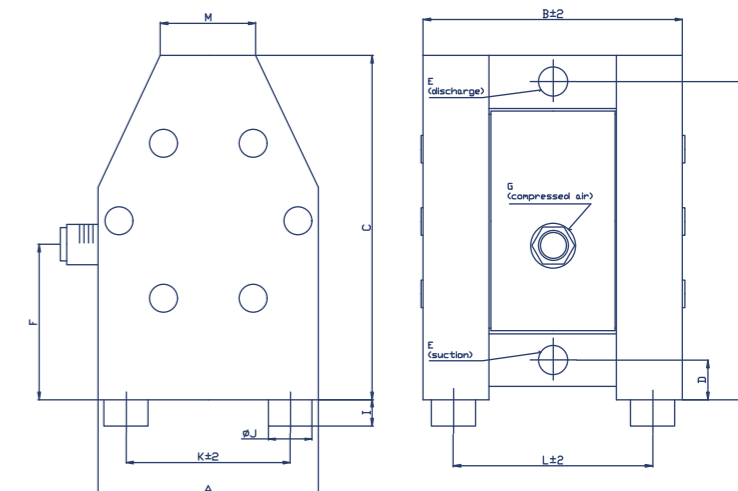
4. Perfect diaphragm

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

POLYETHYLENE AND PTFE MATERIALS



DIMENSIONAL DRAWING



DIMENSIONS	A	B	C	D	E	F	G	H	I	ØJ	K	L	M
DM 08/10	70	111 ± 2	120	15	G 1/4"	61	R 1/8"	107	10	15	50 ± 2	86 ± 2	36
DM 10/25	105	130 ± 2	163	18	G 3/8"	84	R 1/8"	150	10	15	75 ± 2	93 ± 2	45
DM 15/55	150	177 ± 2	235	25	G 1/2"	92	R 1/4"	217	17.8	30	112 ± 2	132 ± 2	65
DM 25/125	200	224 ± 2	312	35	G 1"	123	R 1/4"	287	27.8	40	140 ± 2	169 ± 2	85
DM 40/315	270	312 ± 2	426	42	G 1 1/2"	166	R 1/2"	388	30	60	210 ± 2	227 ± 2	120
DM 50/565	350	385 ± 2	540	45	G 2"	215	R 1/2"	485	30	60	280 ± 2	278 ± 2	150

PUMP CODE

	08/10	10/25	15/55	25/125	40/315	50/565
Max capacity (l/min)	10	25	55	125	315	565
Max pressure (bar)	8					
Nominal port size	1/4"	3/8"	1/2"	1"	1 1/2"	2"
Air connection	R 1/8"	R 1/8"	R 1/4"	R 1/4"	R 1/2"	R 1/2"
Suction lift dry (mWC)	1	2	3	4	4	5
Suction lift wet (mWC)	9					
Max diameter solids (mm)	2	3	4	7	10	12
Temperature limits - PE (°C)	70	70	70	70	70	70
Temperature limits - PTFE (°C)	110	110	120	120	120	120
Weight - PE (kg)	0.9	1.4	5	9	23	42
Weight - PTFE (kg)	1.4	2.4	7	16	43	87
Material of pump housing	PE, PTFE					
Diaphragm options	PTFE	NBR, EPDM or TFM/PTFE				
Valve balls	PTFE, AISI 316	NBR, EPDM, PTFE, AISI 316, PU				
Rod valves	PE or PTFE					
O-rings	EPDM, FEP/FPM, PTFE+EPDM, or PTFE+FPM					

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