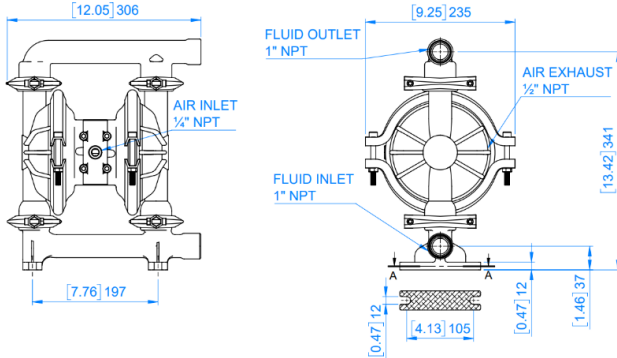


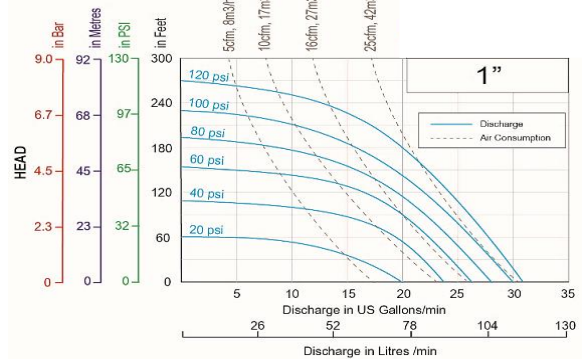
TECHNICAL DATA

Teryair 1" Diaphragm Pump TeryMarine Aluminium & Stainless Steel

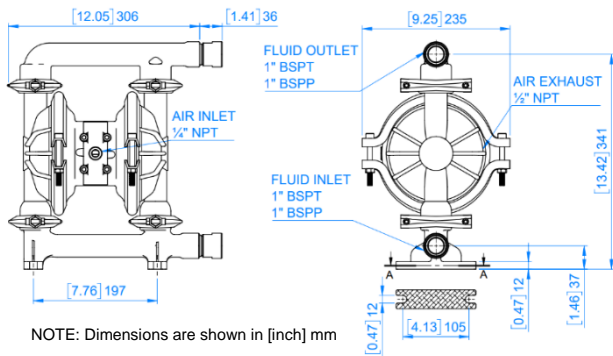
DIMENSIONAL DATA (AL) - NPT



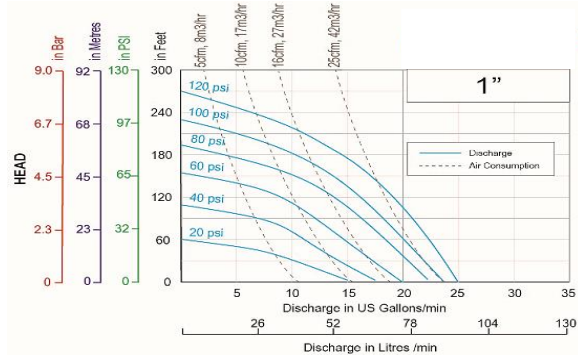
PERFORMANCE GRAPH (BUNA N/ SANTOPRENE/ NEOPRENE)



DIMENSIONAL DATA (AL) - BSPT/BSPP

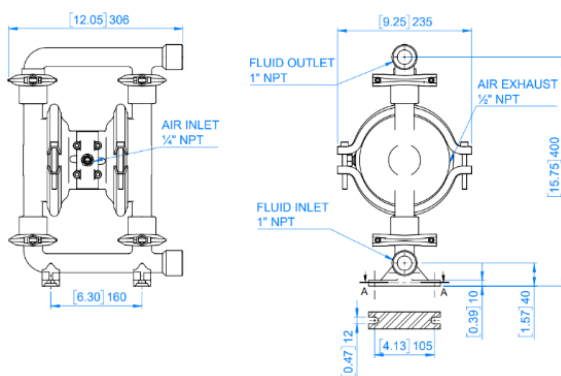


PERFORMANCE GRAPH (PTFE-NEOPRENE)

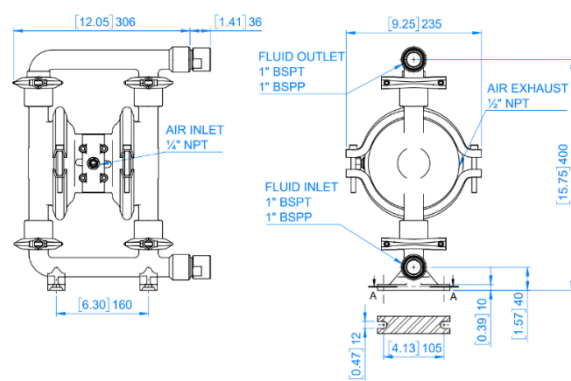


NOTE: Dimensions are shown in [inch] mm

DIMENSIONAL DATA (SS) - NPT



DIMENSIONAL DATA (SS) - BSPT/BSPP



WEIGHTS & FINISH

Pump Type	Weight	Finish
Aluminium Construction	9.7 lbs (4.4 kgs)	RAL 1004, Yellow ■
Stainless Steel Construction	30 lbs (13.6 kgs)	Natural
Aluminium Construction, Adapter	10.03 lbs (4.55 kgs)	RAL 1004, Yellow ■
Stainless Steel Construction, Adapter	30.9 lbs (14.0 kgs)	Natural

MATERIAL OF CONSTRUCTION

PARTS	MOC	
	Aluminium Series	Stainless Steel Series
Wetted Parts	Aluminium (AA6061/ 6063)	Stainless Steel (CF8M)
Diaphragms / Balls	Buna N Neoprene Santoprene PTFE	
Seals	PTFE	Encapsulated
Ball Seats	Buna N Neoprene Santoprene Aluminium	Buna N Neoprene Santoprene PTFE
Air Valve Body	Brass (Commercial)	
Piston	Aluminium	
Fasteners	Stainless Steel (304)	
O Rings & Seal Rings	Buna N PTFE Santoprene PTFE-FDA	

PERFORMANCE DATA

Ratio	1:1
Air Inlet Pressure Range	10-120 psig (0.69-8.0 bar)
Maximum Material Inlet Pressure	10 psig (0.69 bar)
Fluid Outlet Pressure Range	10-120 psig (0.69-8.0 bar)
Maximum Flow Rate (Buna/Santo/Neo)	33 g.p.m. (124.7 lpm)
Maximum Flow Rate (PTFE)	23.8 g.p.m. (89.4 lpm)
Displacement/ Cycle@100psig(Buna/Santo/Neo)	0.099 gal. (0.374 lit)
Displacement/ Cycle@100psig(PTFE)	0.047 gal. (0.178 lit)
Maximum Particle Size	1/8" dia. (3 mm)
Wet Suction (Buna/Santo/Neo)	29.4 ft (9.0 mtr)
Wet Suction (PTFE)	28 ft (8.5 mtr)
Dry Suction (Buna/Santo/Neo)	16.7 ft (5.1 mtr)
Dry Suction (PTFE)	16 ft (4.9 mtr)

MAXIMUM TEMPERATURE LIMITS

(Diaphragm/Ball/Seat Material)

Buna N	10° to 180° F (-12 to 82° C)
Santoprene	-40° to 350° F (-40° to 177° C)
Neoprene	0° to 200° F (-18° to 93° C)
PTFE	40° to 225° F (4° to 107° C)

PUMP NOMENCLATURE

Position	1	2	3	4	5	6	7	8	9	10	11
Example	TM	25	A	B	X	G	E	X	A	X	X
Example: TM25-ATN-GEX-AXX											
Position 1 Range	Position 2 Size	Position 3 Body	Position 4 Diaphragm / Valve	Position 5 Back up	Position 6 Port	Position 7 Port Position	Position 8 Speciality Code	Position 9 Safety Code	Position 10 Sanitary Code	Position 11 Speciality Code	
TM - Marine	12 - 1/2"	A - Aluminium	B - Buna N	B - Buna N	G - BSPT		P - Pulse Dampner	A - ATEX/	X - None	S - Speed Controller	
	25 - 1"										
	40 - 1-1/2"	S - Stainless Steel	T - PTFE	S - Santoprene	P - BSPP	*As per Picture Only	R - Remote Solenoid Driven	IECEX		C - Cycle Counter	
	50 - 2"		S - Santoprene	N - Neoprene	R - NPT		T - Trolley Mounted			D - Diaphragm Monitoring	
75 - 3"		N - Neoprene	X - None			X - None			X - None		

MODEL NUMBERS

Aluminium Pump		Stainless Steel Pump	
TM25-ABX-REX-AXX	TM25-ANX-REX-AXX	TM25-SBX-REX-AXX	TM25-SNX-REX-AXX
TM25-ABX-GEX-AXX	TM25-ANX-GEX-AXX	TM25-SBX-GEX-AXX	TM25-SNX-GEX-AXX
TM25-ABX-PEX-AXX	TM25-ANX-PEX-AXX	TM25-SBX-PEX-AXX	TM25-SNX-PEX-AXX
TM25-ASX-REX-AXX	TM25-ATN-REX-AXX	TM25-SSX-REX-AXX	TM25-STN-REX-AXX
TM25-ASX-GEX-AXX	TM25-ATN-GEX-AXX	TM25-SSX-GEX-AXX	TM25-STN-GEX-AXX
TM25-ASX-PEX-AXX	TM25-ATN-PEX-AXX	TM25-SSX-PEX-AXX	TM25-STN-PEX-AXX