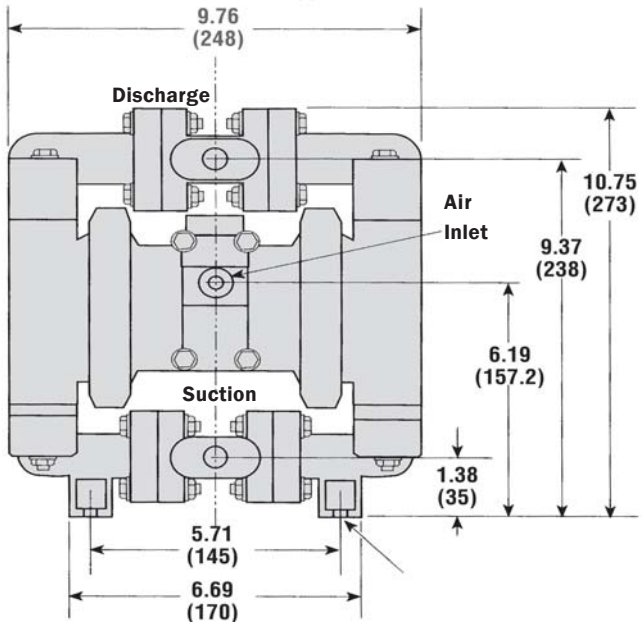
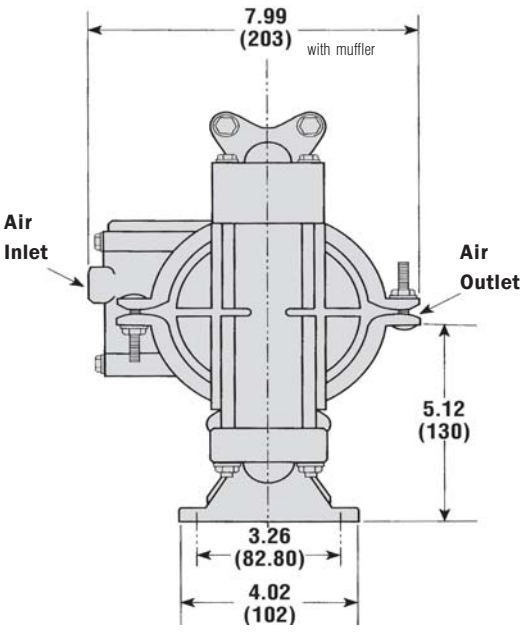
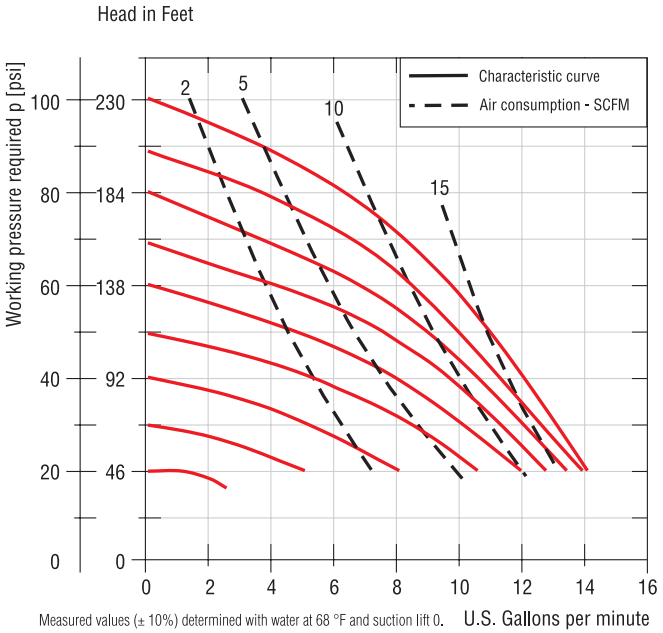
1/2” Clamped Version (non-metallic)



Front View



Side View



Dimensions in inches and (mm).

Operating data / Dimensions / Weights		
	1/2" PP	1/2" Kynar®
Housing material	Polypropylene	Kynar®
Diaphragm materials	Geolast®, Santoprene®, Teflon®, Viton®	Teflon®
Valve ball materials	Geolast®, Santoprene®, Teflon®, Viton®	Teflon®
Seals	Geolast®, EPDM, Teflon®, Viton®	Teflon®
Valve seat	PP	Kynar®
Flow rate	14 gpm	14 gpm
Volume per stroke*	.025 gal/stroke	.025 gal/stroke
Suction lift dry	14.8 ft	14.8 ft
Suction lift Teflon®	9.8 ft	9.8 ft
Operating pressure	100 psi	100 psi
Temperature limits	150 °F	200 °F
Solids handling	max. ∅ 0.12 in	max. ∅ 0.12 in
Air inlet	1/4" NPT female G 1/2 BSP female	1/4" NPT female G 1/2 BSP female
Air outlet	3/8" NPT female	3/8" NPT female
Suction	1/2" NPS female	1/2" NPS female
Discharge	1/2" NPS female	1/2" NPS female
Weight	7.9 lbs	10.8 lbs

*Based on flooded suction conditions with water and 100 psi air pressure.

Type	Materials of construction		Part No.
	Housing	Diaphragm, Valve Balls, Seals	
DMP 1/2" PPB Geolast®	PP	Geolast®	LJPG-C1/2
DMP 1/2" PPT Teflon©	PP	Teflon®	LJPT-C1/2
DMP 1/2" PPE Santoprene®	PP	Santoprene®	LJPE-C1/2
DMP 1/2" PPV Viton®	PP	Viton®	LJPV-C1/2
DMP 1/2" KNT Teflon®	Kynar®	Teflon®	LJKT-C1/2

Material description

Geolast = NBR/PP compound
Kynar = PVDF = Polyvinylidenfluoride
Polypropylene = PP
Santoprene = EPDM/PP-compound
Teflon = PTFE = Polytetrafluorethylene
Viton = FPM = Fluoro Elastomer

Typical application

55 Gal-drum pumping, ink recirculation and feed, chemicals, solvents, acids, soap dispensing

Teflon and Viton are registered Trademarks of DuPont Company. Kynar is a registered Trademark of Penwalt Corp. Santoprene is a registered Trademark of Monsanto Company. Geolast is a registered Trademark of Advanced Elastomer Systems.