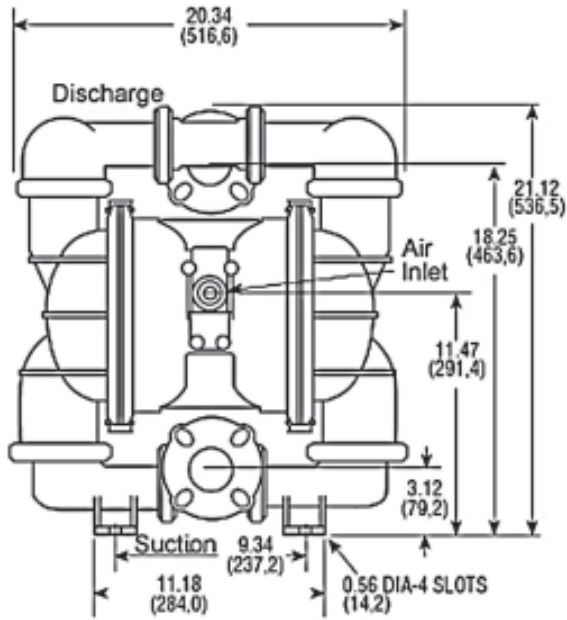
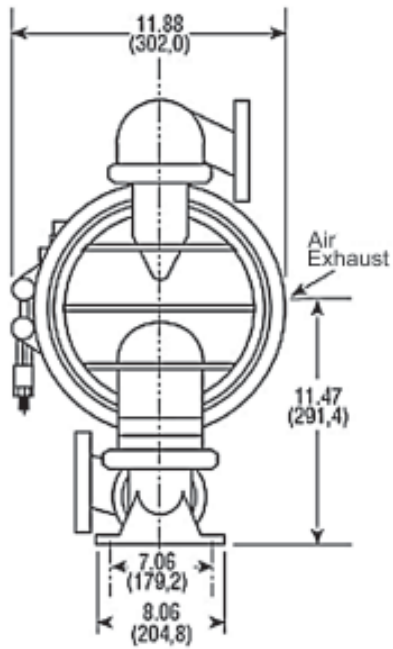


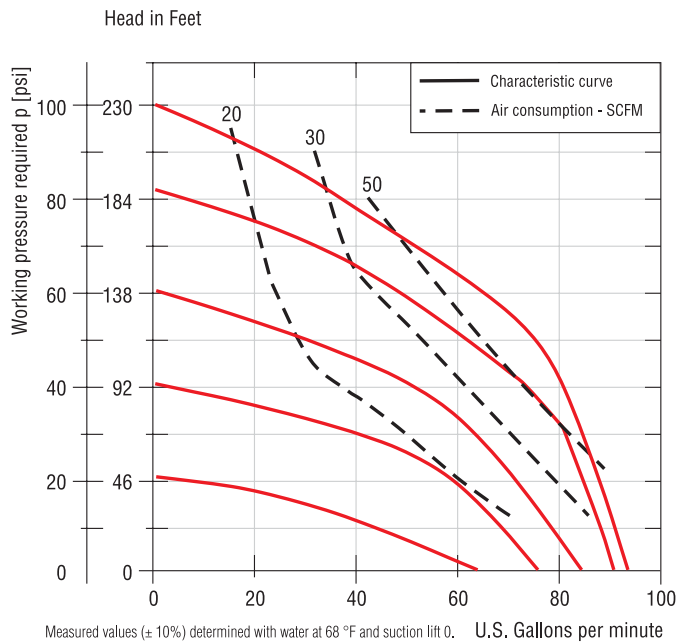
1 1/2" Clamped Version (non-metallic)



Front View



Side View



Measured values ($\pm 10\%$) determined with water at 68 °F and suction lift 0. U.S. Gallons per minute

Dimensions in inches and (mm).

Operating data / Dimensions / Weights		
	1 1/2" PP	1 1/2" Kynar [®]
Housing material	Polypropylene	Kynar [®]
Diaphragm materials	Geolast [®] , Teflon [®] , Santoprene [®]	Teflon [®] , Santoprene [®]
Valve ball materials	Geolast [®] , Teflon [®] , Santoprene [®]	Teflon [®] , Santoprene [®]
Seals	Geolast [®] , EPDM, Teflon [®]	Teflon [®]
Valve seat	PP	Kynar [®]
Flow rate	95.1 gpm	95.1 gpm
Volume per stroke*	.46 gal/stroke	.46 gal/stroke
Suction lift dry	14.7 ft	14.7 ft
Suction lift Teflon [®]	9.8 ft	9.8 ft
Operating pressure	max. 100 PSI	max. 70.6 PSI
Temperature limits	150 °F	200 °F
Solids handling	max ∅ 0.25 inches	max ∅ 0.25 inches
Air inlet	3/4" NPT female (3/4" BSP female) ¹⁾	1/4" NPT female (3/4" BSP female) ¹⁾
Air outlet	3/4" NPT female	3/4" NPT female
Suction	1 1/2" DIN/ANSI Flange	1 1/2" DIN/ANSI Flange
Discharge	1 1/2" DIN/ANSI Flange	1 1/2" DIN/ANSI Flange
Weight	53 lbs	66 lbs

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

1) If the air flow control valve is used

Type	Materials of construction		Part No.
	Housing	Diaphragm, Valve Balls, Seals	
1 1/2" PPB PP/Geolast [®]	PP	Geolast [®]	LJPG-C11/2
1 1/2" PPT PP/Teflon [®]	PP	Teflon [®]	LJPT-C11/2
1 1/2" PPE PP/Santoprene [®]	PP	Santoprene [®]	LJPE-C11/2
1 1/2" KNE PVDF/Santoprene [®]	Kynar [®]	Santoprene [®]	LJKT-C11/2
1 1/2" KNT PVDF/Teflon [®]	Kynar [®]	Teflon [®]	LJKE-C11/2

Material description

Geolast[®] = NBR/PP-compound
 Kynar[®] = PVDF = Polyvinylidenfluoride
 Polypropylene = PP
 Santoprene[®] = EPDM/PP-compound
 Teflon[®] = PTFE = Polytetrafluorethylene

Typical application

Filter press, tank cleaning systems, pigments and resins

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.