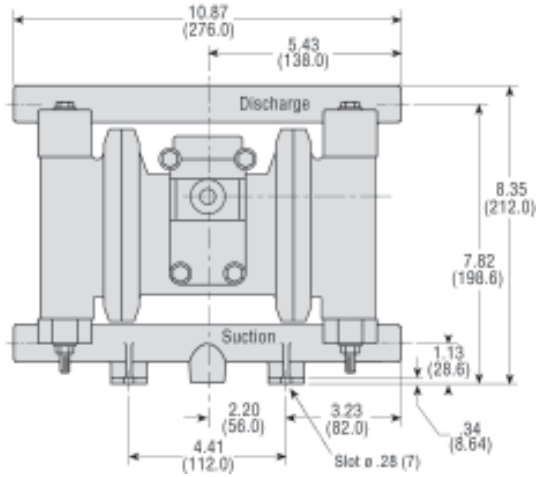
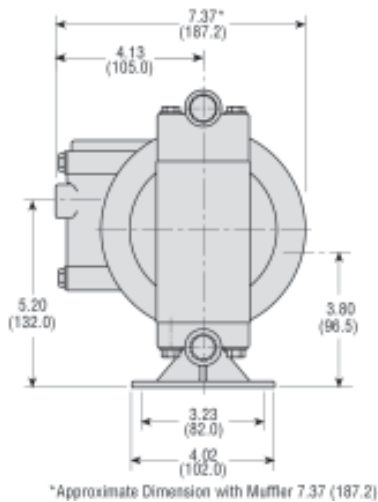


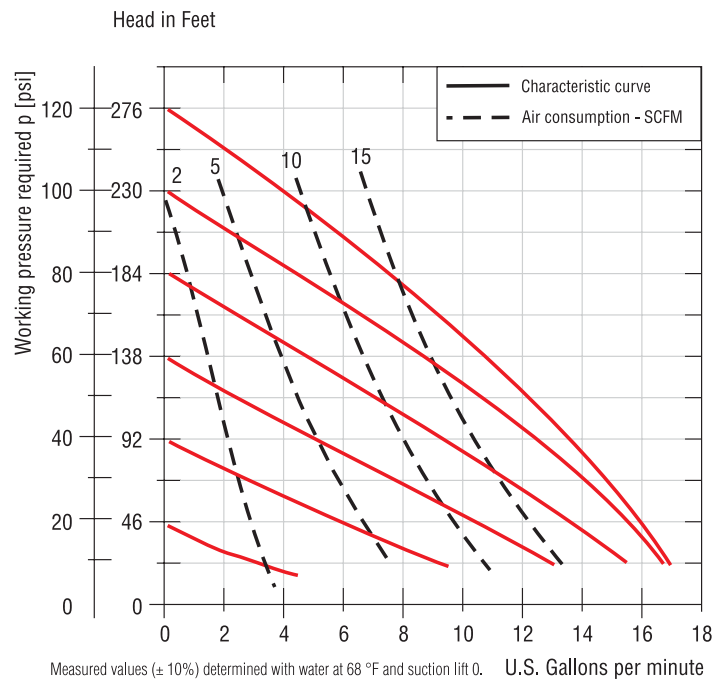
## 1/2" Bolted Version (metallic)



**Front View**



**Side View**



Dimensions in inches and (mm).

Operating data / Dimensions / Weights		
	1/2" Aluminum	1/2" Stainless Steel
Housing material	Aluminum	Stainless Steel 1.4404 (316)
Diaphragm materials	Geolast <sup>®</sup> , Santoprene <sup>®</sup> , Teflon <sup>®</sup> , Viton <sup>®</sup>	Geolast <sup>®</sup> , Teflon <sup>®</sup> , Santoprene <sup>®</sup> , Viton <sup>®</sup>
Valve ball materials	Geolast <sup>®</sup> , Santoprene <sup>®</sup> , Teflon <sup>®</sup> , Viton <sup>®</sup>	Geolast <sup>®</sup> , Teflon <sup>®</sup> , Santoprene <sup>®</sup> , Viton <sup>®</sup>
Seals	Geolast <sup>®</sup> , EPDM, Teflon <sup>®</sup> , Viton <sup>®</sup>	Geolast <sup>®</sup> , EPDM, Teflon <sup>®</sup> , Viton <sup>®</sup>
Valve seat	PP, Nylon	Stainless Steel
Flow rate	17 gpm	17 gpm
Volume per stroke*	.025 gal/stroke	.025 gal/stroke
Suction lift dry	14.7 ft	14.7 ft
Suction lift Teflon <sup>®</sup>	9.8 ft	9.8 ft
Operating pressure	max. 120 PSI	max. 120 PSI
Temperature limits	200 °F	200 °F
Solids handling	max ∅ 0.12 inches	max ∅ 0.12 inches
Air inlet	1/4" NPT female (G 1/2" BSP female) <sup>1)</sup>	1/4" NPT female (G 1/2" BSP female) <sup>1)</sup>
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	10 lbs	19 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	
1/2" ALB Alu/Geolast <sup>®</sup>	Aluminum	Geolast <sup>®</sup>	LJAG-B 1/2
1/2" ALE Alu/Santoprene <sup>®</sup>	Aluminum	Santoprene <sup>®</sup>	LJAE-B 1/2
1/2" ALT Alu/Teflon <sup>®</sup>	Aluminum	Teflon <sup>®</sup>	LJAT-B 1/2
1/2" ALV Alu/Viton <sup>®</sup>	Aluminum	Viton <sup>®</sup>	LJAV-B 1/2
1/2" SSB SS/Geolast <sup>®</sup>	Stainless Steel	Geolast <sup>®</sup>	LJSG-B 1/2
1/2" SSE SS/Santoprene <sup>®</sup>	Stainless Steel	Santoprene <sup>®</sup>	LJSE-B 1/2
1/2" SST SS/Teflon <sup>®</sup>	Stainless Steel	Teflon <sup>®</sup>	LJSP-B 1/2
1/2" SSV SS/Viton <sup>®</sup>	Stainless Steel	Viton <sup>®</sup>	LJSV-B 1/2

### Material description

Geolast<sup>®</sup> = NBR/PP compound  
 Kynar<sup>®</sup> = PVDF = Polyvinylidene fluoride  
 Nylon = PA = Polyamide-compound  
 Santoprene<sup>®</sup> = EPDM/PP-compound  
 Teflon<sup>®</sup> = PTFE = Polytetrafluorethylene  
 Viton<sup>®</sup> = FPM = Fluoro Elastomer

### Typical application

200 l-drum pumping, ink recirculation and feed, chemicals, solvents, acids, soap dispensing

Teflon<sup>®</sup> and Viton<sup>®</sup> are registered Trademarks of DuPont Company, Kynar<sup>®</sup> is a registered Trademark of Penwalt Corp. Santoprene<sup>®</sup> is a registered Trademark of Monsanto Company. Geolast<sup>®</sup> is a registered Trademark of Advanced Elastomer Systems.