

3/8" Non-Metallic Models

COMPACT SERIES PUMPS

Part of our Compact Series of pumps, our 3/8" pumps feature big performance in a small package. They feature flow rates up to 10.6 GPM (40.1 LPM) and a wide range of material and porting configurations.

Ratio:	1:1
Maximum Flow:	10.6 g.p.m. (40.1 l.p.m.) 8.7 (32.9) Flex check
Displacement per cycle:	0.022 Gallons (0.083-Liters) 0.018 (0.068) Flex check
Air Inlet: (Female)	1/4 - 18 P.T.F. SAE Short
Fluid Inlet/Outlet:	3/8 - 18 N.P.T.F. - 1 Rp 3/8 (3/8 - 19 BSP, parallel)
Max. operating pressure:	100 psi (6.9-bar)
Suspended solids max. dia.:	1/16-in. (1.6-mm) Flex check (Fibers)
Weight: lbs (kg)	PD03P-XDS-XXX 4.2 (1.9) PD03P-XES-XXX 4.3 (1.9) PD03P-XKS-XXX 4.5 (2.0) PD03P-XLS-XXX 4.6 (2.1) PD03P-XPS-XXX 3.4 (1.6) PD03P-XRS-XXX 3.5 (1.6)
Max. dry suction lift: ft (m)	9.25 (2.8)
Sound Level:	70 PSI 60 Cycles/Min 72.7 db(A)
Muffler:	Integral, Included



Ordering

Position	1	2		3	4	5		6	7	8		9		10	11
Example:	PX03	P	-	X	X	S	-	X	X	X	-	B	-	X	X

Position 1 Model Series	Position 2 Center Section	Position 3 Connections	Position 4 Manifold Material	Position 5 Hardware	Position 6 Seat Material	Position 7 Ball Material	Position 8 Diaphragm Material	Position 9
D - Standard E - Remote Actuation Capable	P - Poly- propylene	A - 3/8" N.P.T. B - 3/8" BSP	D - Ground. Acetal (single port) E - Ground. Acetal (multiple port) K - PVDF (single port) L - PVDF (multiple port) P - Polypropylene (single port) R - Polypropylene (multiple port)	S - Stainless Steel	D - Acetal K - PVDF P - Poly- propylene S - Stainless Steel O - Flex Check	A - Santoprene C - Hytrel* I - Nitrile N - Neoprene S - Stainless Steel T - PTFE V - Viton	A - Santoprene C - Hytrel* G - Nitrile T - PTFE/ Santoprene V - Viton * Flex check models	Revision Level Position 10 & 11 Specialty Code Fluid control options for pump with electronic interface (PE03 model). See complete description on page 11

Hytrel® and Viton® are registered trademarks of the DuPont company. Santoprene® is a registered trademark of Monsanto Company, licensed to Advanced Elastomer Systems, L.P.

Accessories

Air Line Connection Kit | 66073-1

(Piggyback Filter/Regulator with gauge, pipe nipple and 5-foot air hose)

Cycle Counter Kit | 66975

Wall Mount Bracket Kit | 67388

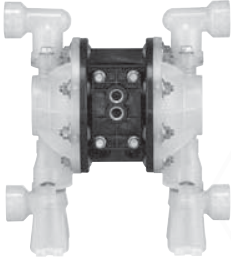
Optional Muffler | used with 637428 kit

Service Repair Kits | 637428 (air section)

637429-XX (fluid section)



3/8" Non-Metallic Dimensions and Flow Charts



PE03P-APS-PAA-B05
with 637442-1 Kit

Dual Inlet/Outlet Kits:
637442-1 (N.P.T. Poly)
637442-4 (BSP Poly)
637442-3 (N.P.T. PVDF)
637442-6 (BSP PVDF)
637442-2 (N.P.T. Acetal)
637442-5 (BSP Acetal)

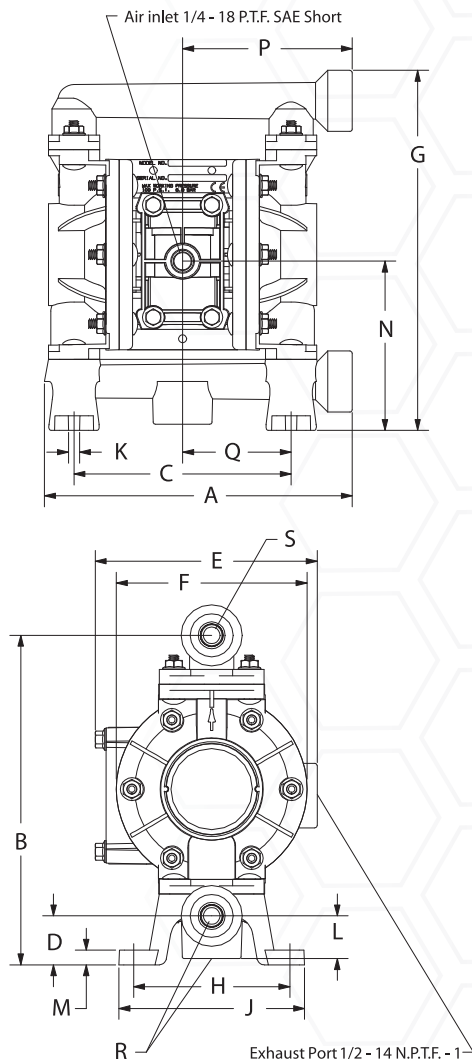
DIMENSIONS

A 7-29/32" (200.2 mm)	F 4-7/8" (123.9 mm)	L 1-3/32" (27.8 mm)
B 8-7/16" (214.3 mm)	G 9-7/32" (234.2 mm)	M 3/8" (9.5 mm)
C 5-9/16" (141.3 mm)	H 4" (101.6 mm)	N 4-11/32" (110.1 mm)
D 1-1/4" (31.8 mm)	J 4-3/4" (120.7 mm)	P 4-11/32" (110.3 mm)
E 5-23/32" (145.2 mm)	K 9/32" (7.1 mm)	Q 2-25/32" (70.6 mm)

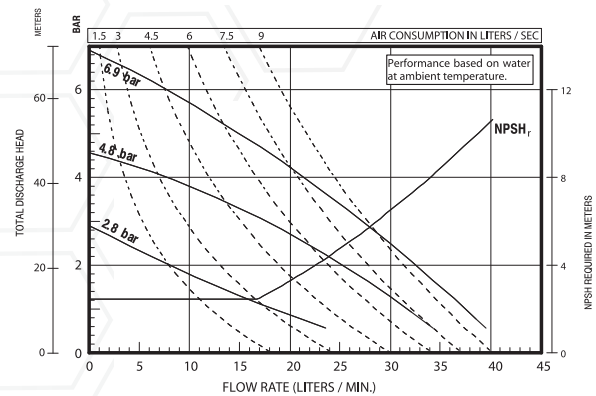
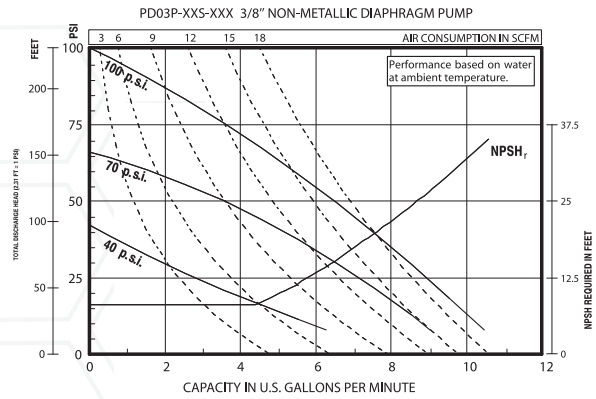
Model
PD03P-AXS-XXX
PD03P-BXS-XXX

"R" Material Inlet
3/8 - 18 N.P.T.F. - 1
Rp 3/8 (3/8 - 19 BSP)

"S" Material Outlet
3/8 - 18 N.P.T.F. - 1
Rp 3/8 (3/8 - 19 BSP)



PERFORMANCE CURVES



Refer to www.AROzone.com for full size flow curves.

For additional information contact
technical support at 1.800.495.0276

Ordering Position 10

Specialty Code 1 (Blank if no Specialty Code)

A - Solenoid 120VAC	G - Solenoid 12VDC ATEX/IECex
B - Solenoid 12VDC	H - Solenoid 24VDC ATEX/IECex
C - Solenoid 240VAC	J - 120VAC NEC/CEC
D - Solenoid 24VDC	K - Solenoid 220VAC ATEX/IECex
E - 12vDC NEC/CEC	N - Solenoid with no coil
F - 24vDC NEC/CEC	O - Standard Valve Block (No Solenoid)

Ordering Position 11 Specialty Code 2 (Blank if no Specialty Code)

E - End of stroke feedback + Leak Detection	L - Leak Detection
F - End of stroke feedback	M - Leak Detection ATEX/IECex/NEC/CEC
G - End of Stroke ATEX/IECex/NEC/CEC	O - No Option
H - End of Stroke/Leak Detection ATEX/IECex/NEC/CEC	