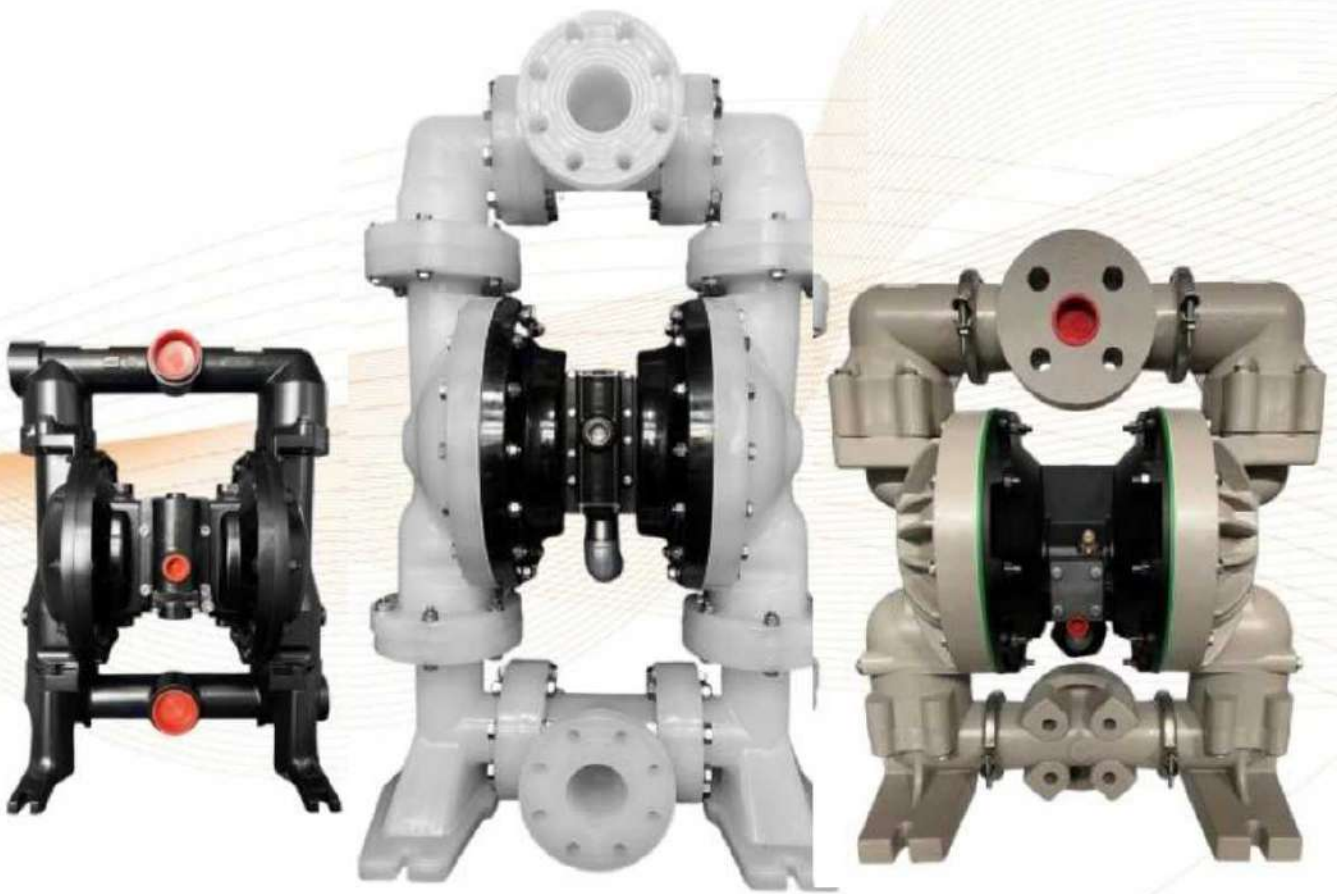


AIR OPERATED DOUBLE DIAPHRAGM PUMPS



AAOD
Pumps

Metallic Air Operated Double Diaphragm Pump Overview:

■ 1/2"

Model: PD05P-XXS-XXX



■ 1"

Model: 6661XX-XXX



■ 1"

Model: PD10X-XXX-XXX



■ 1-1/2"

Model: 66615X-XXX THRU 66618X-XXX



■ 1-1/2"

Model: PD15C-XXX-XXX



■ 2"

Model: 66625X-XXX AND 66627X-XXX



■ 2"

Model: PD20X-XXX-XXX



■ 3"

Model: 66630X-XXX AND 66632X-XXX



■ 3"

Model: PD30X-XXX-XXX



3" PD METALLIC MODELS

MODEL: PD30X-XXX-XXX

SPECIFICATIONS:

Ratio:	1:1
Maximum GPM (LPM):	275 (1041)
Displacement per cycle:	2.8 (10.6)
@ 100 psi Gallons (Liters)	
Air Inlet: (Female)	3/4 - 14 N.P.T.F.
Fluid Inlet / Outlet (Female):	3" - 8 N.P.T.F. Rp 3 (3 - 11 BSP ANSI or DIN Center Flange)
Max. operating pressure psi (bar):	120 (8.3)
Suspended solids max. dia. in. (mm):	3/8 (9.5)
Weight lbs (kg):	PD30A-XAX-XXX-C 129.5 (58.8) PD30A-XCX-XXX-C 221.1 (100.3) PD30A-AHX-XXX-C 249.4 (113.3) PD30A-ASX-XXX-C 228.3 (103.8) PD30A-FHX-XXX-C 269.4 (122.3) PD30A-FSX-XXX-C 245.2 (114.4)
Maximum dry suction lift ft (m):	Note: Add 40 lbs (18.2 kg) for stainless steel air motor section 14 (4.2)
Sound Level:	70 PSI 50 Cycles / Min 83.0db(A)



MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8				
Example:	PD30	X	-	X	X	X	-	X	X	X				

Position 1 Model Series	Position 2 Center Section	Position 3 Connections	Position 4 Wetted Parts	Position 5 Hardware	Position 6 Seat Material	Position 7 Ball Material	Position 8 Diaphragm Material	
PD30 - Standard Pump	A - Aluminum* R - Poly- propylene w/SS Air Caps S - Stainless Steel*	A - NPTF Thread B - BSP Thread D [†] - ANSI 4-hole center flange F [†] - DIN 4-hole center flange [†] Stainless Steel Pumps Only	A - Aluminum* C - Cast Iron S - Stainless Steel*	P - Plated Steel S - Stainless Steel	A - Santoprene® C - Hytrel® E - Carbon Steel F - Aluminum G - Nitrile H - 440 SS K - PVDF L - Hastelloy S - 316 SS	A - Santoprene® C - Hytrel® G - Nitrile T - PTFE V - Viton®	A - Santoprene® C - Hytrel® G - Buna- N L - Long-Life PTFE T - PTFE/ Santoprene® V - Viton®	

Hytrel® is a registered trademark of DuPont company, Santoprene® is registered trademark of Monsanto and Viton® is a registered trademark of ExxonMobil

Accessories

SERVICE REPAIR KIT:

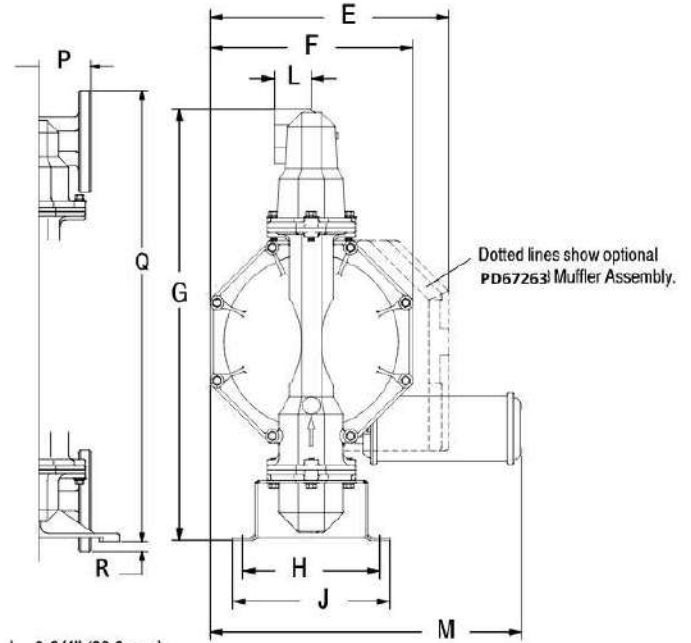
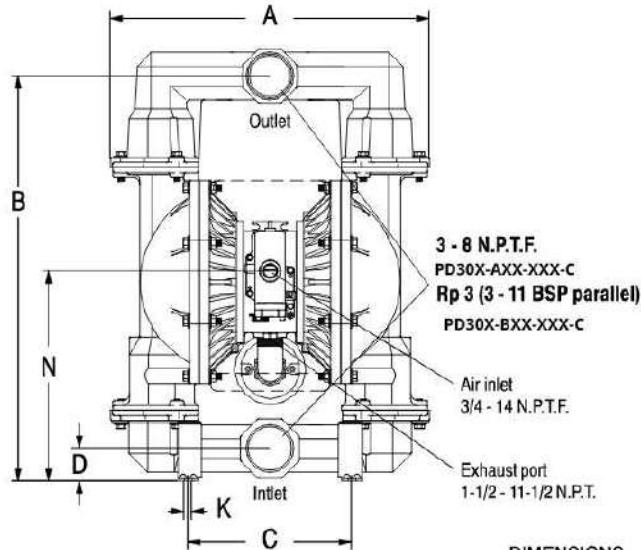
AIR SECTION: PD637369 (FOR PD30R), PD637421 (FOR PD30A AND PD30S)

FLUID SECTION: PD637303-XXX; (with seats)

MAJOR AIR VALVE ASSEMBLY: PD637374-X;

3" PD METALLIC MODELS MODEL: PD30X-XXX-XXX

DIMENSIONS:



DIMENSIONS

A	see below	F	15" (381 mm)	L	2-3/4" (69.9 mm)
B	30" (761.7 mm)	G	32" (812.5 mm)	M	23-3/32" (586.3 mm)
C	12-1/16" (306.5 mm)	H	10-5/32" (258 mm)	N	See Below
D	see below	J	see below	P	See Below
E	17-11/16" (449.2 mm)	K	9/16" (4.3 mm)	Q	27-7/8" (708.0 mm)
				R	5/8" (5.9 mm)

	"A"	"D"
PD30X-XAX-XXX-C	23-5/8" (598.7 mm)	2-3/8" (60.3 mm)
PD30X-XCX-XXX-C	23-5/8" (598.7 mm)	2-7/16" (61.1 mm)
PD30X-XHX-XXX-C	23-1/8" (587.3 mm)	2-3/4" (69.9 mm)
PD30X-XSX-XXX-C	23-1/8" (587.3 mm)	2-3/4" (69.9 mm)

	"J"	"N"	"P"
11" (279.4 mm)	15-1/2" (393.7 mm)	2" (50.8 mm)	
11-11/16" (296.1 mm)	15-1/2" (393.7 mm)	2" (50.8 mm)	
11-11/16" (296.1 mm)	16" (406.4 mm)	2-3/32" (53.0 mm)	
11-11/16" (296.1 mm)	16" (406.4 mm)	2-3/32" (53.0 mm)	
		3-1/4" (82.6 mm)	

PERFORMANCE CURVE:

