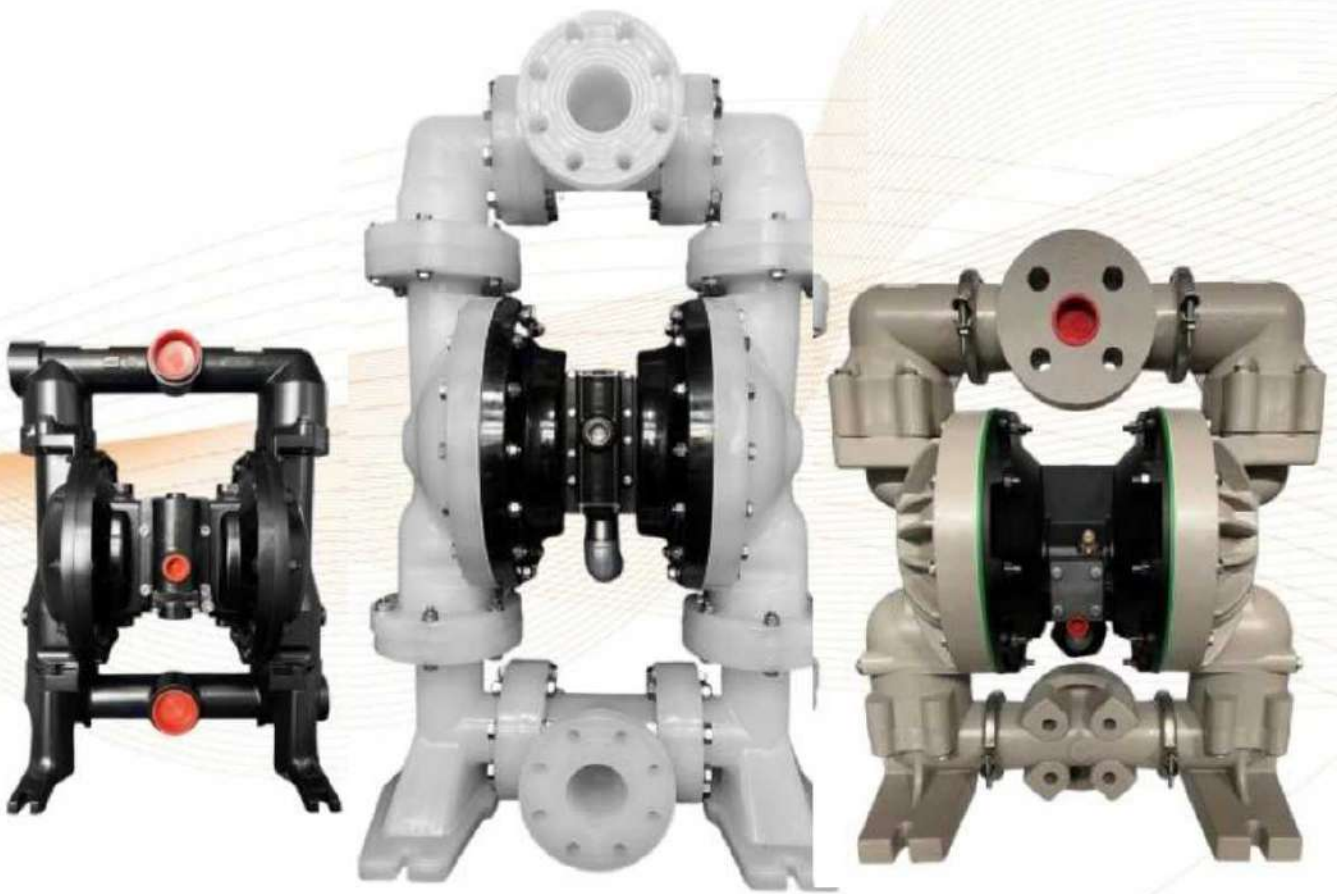


AIR OPERATED DOUBLE DIAPHRAGM PUMPS



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



1" PD METALLIC MODELS

MODEL: PD10X-XXX-XXX

SPECIFICATIONS:

Ratio:	1:1
Maximum GPM (LPM):	52 (197)
Displacement per cycle Gallons (Liters):	0.232 (0.88)
Air Inlet (Female):	1/4 - 18 N.P.T.
Fluid Inlet/Outlet:	1 - 11-1/2 N.P.T.F.-1, Rp1(1-11 BSP)
Max. operating pressure psi (bar):	120 (8.3)
Suspended solids max. dia. in. (mm):	1/8" (3.3)
Weight lbs (kg):	
PX10R-XAX-XXX	20.7 (9.4)
PX10R-XCX-XXX	35.2 (16.0)
PX10R-XHX-XXX	39.6 (18.0)
PX10R-ASX-XXX,	38.2 (17.3)
PX10R-BSX-XXX	
PX10R-FSX-XXX	43.9 (19.9)
Note: Add 4.65 lbs (2.11 kg) for aluminum air motor	
Add 11.09 lbs (5.03 kg) for stainless steel air motor	
Maximum dry suction lift ft(m):	19 (5.7)
Sound Level:	70 PSI 60 Cycles/Min 80.6 db



MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8				
Example:	PD10	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	
PD10 Standard Pump	A - Aluminum* R - Poly- propylene S - Stainless Steel*	A - NPTF Thread B - BSP Thread F - 1" ANSI/DIN Hybrid End Flange with Flat Face	A - Aluminum* C - Cast Iron H - Hastelloy-C* S - Stainless Steel*	P - Plated Steel S - SS	A - Santoprene® C - Hytrel® E - Carbon Steel F - Aluminum G - Nitrile H - 440 SS L - Hastelloy-C S - 316 SS	A - Santoprene® C - Hytrel® G - Nitrile S - 316 SS 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:

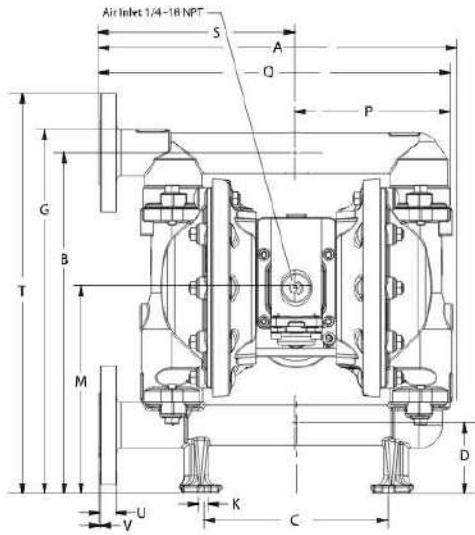
AIR MOTOR: PD637397;

FLUID SECTION: PD637401-XXX; (with seats)

MAJOR AIR VALVE ASSEMBLY: PD637395-X;

1" PD METALLIC MODELS MODEL: PD10X-XXX-XXX

DIMENSIONS:

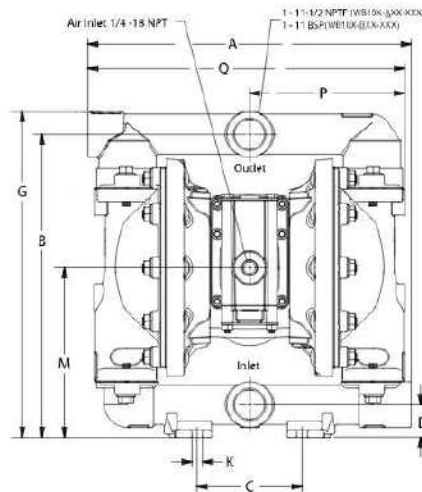


PD10X-FSX-XXX

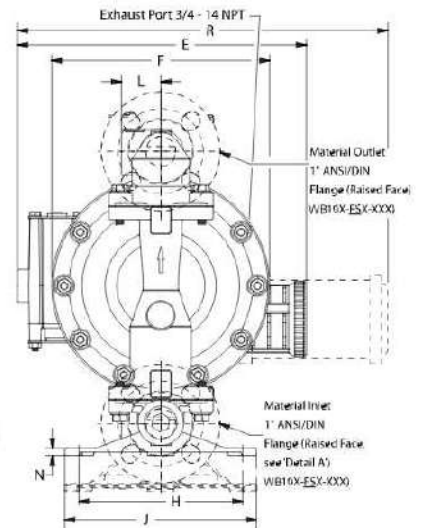
A - 12.34" (313.4 mm)	E - see below
B - 11.56" (293.6 mm)	F - see below
C - 4" (101.6 mm)	G - 12.43" (315.7 mm)
D - 1.25" (31.7 mm)	H - 6.25" (158.7 mm)
PD10A-XXX-XXX	"E"
PD10R-XXX-XXX	11.09" (281.6 mm)
PD10S-XXX-XXX	

PD10X-FSX-XXX

A - 13.37" (339.5 mm)	D - 2.57" (65.2 mm)
B - 12.92" (328.1 mm)	G - 13.80" (350.5 mm)
C - 7" (177.8 mm)	K - 0.4" (10.1 mm)



J - 7.31" (185.6 mm)	N - see below
K - 0.4" (10.1 mm)	P - 5.84" (148.3 mm)
L - 1.5" (38.1 mm)	Q - 12" (304.8 mm)
M - 6.46" (164.0 mm)	R - see below
8.12" (206.2 mm)	"R"
8.31" (211.0 mm)	14.03" (356.3 mm)
8.18" (207.7 mm)	13.84" (351.5 mm)



PD10X-XAX-XXX	"N"
PD10R-XCX-XXX	0.25" (6.3 mm)
PD10X-XHX-XXX	0.28" (7.1 mm)
PD10X-XSX-XXX	0.28" (7.1 mm)

PERFORMANCE CURVE:

