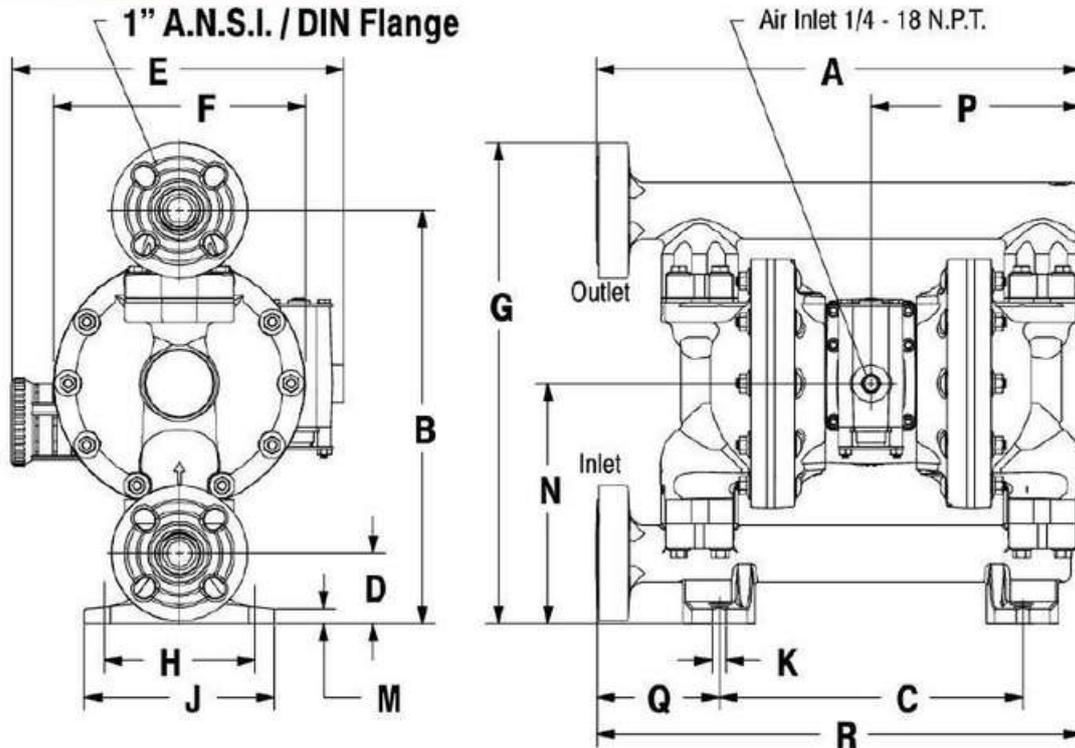


1" PD NON-METALLIC MODELS MODEL: PD10X-XXS-XXX

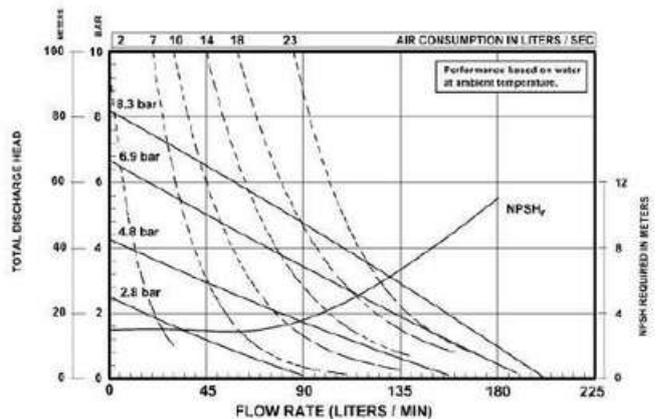
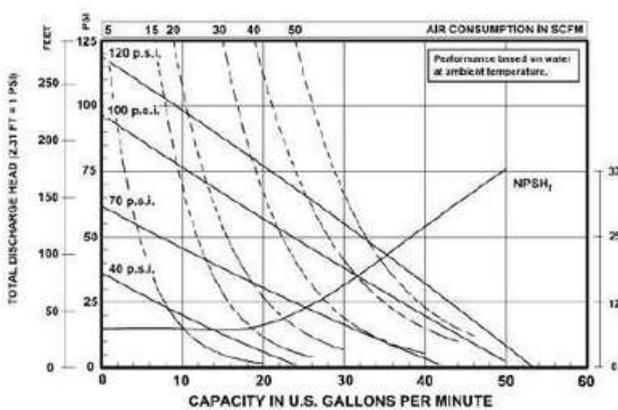
DIMENSIONS:



- E: 11-1/32" (279.5mm)
- F: 8-5/16" (211.1mm)
- B: 13-25/32" (349.8mm)
- D: 2-11/32" (59.4mm)
- M: 1/2" (12.7mm)
- H: 5-1/32" (127.6mm)
- J: 6-9/32" (159.6mm)

- A: 16-1/32" (407.3mm)
- P: 6-31/32" (176.6mm)
- G: 16-1/32" (407.3mm)
- N: 8-1/32" (203.4mm)
- K: 7/16" (11.1mm)
- Q: 4-1/16" (103mm)
- C: 10-1/16" (255.3mm)
- R: 16-1/32" (407.3mm)

PERFORMANCE CURVE:

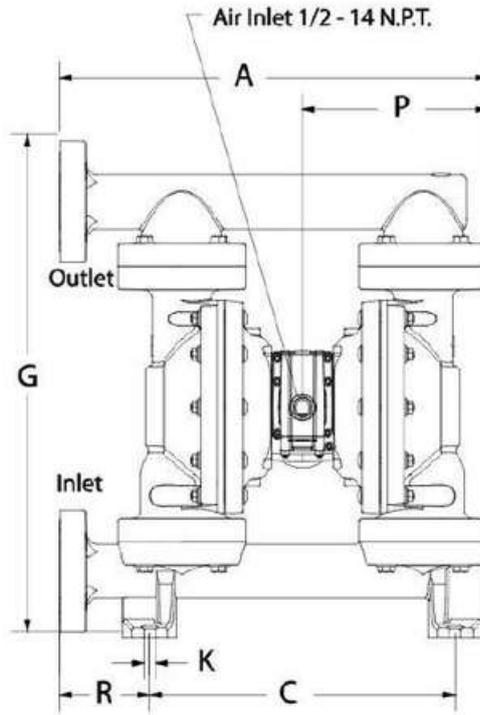
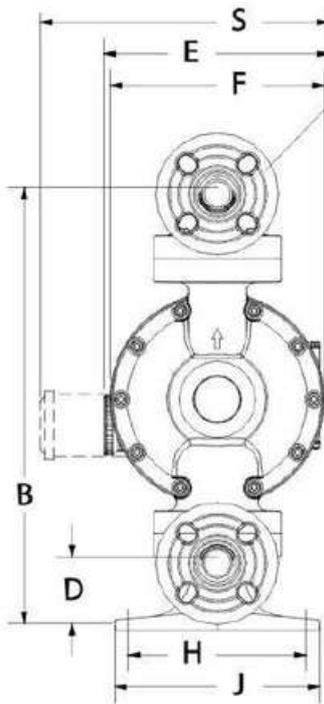


1-1/2" PD NON-METALLIC MODELS

MODEL: PD15X-XXS-XXX

DIMENSIONS:

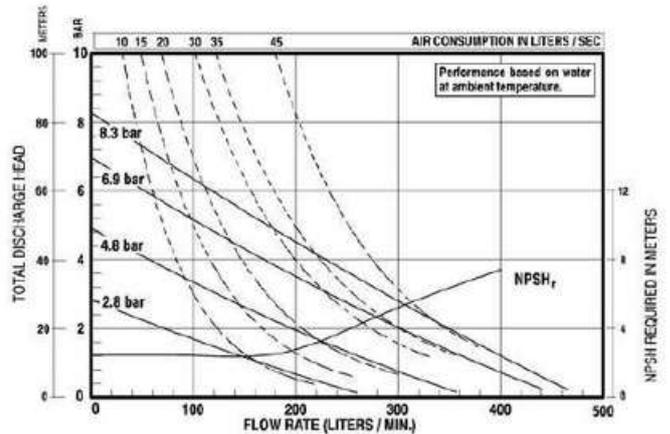
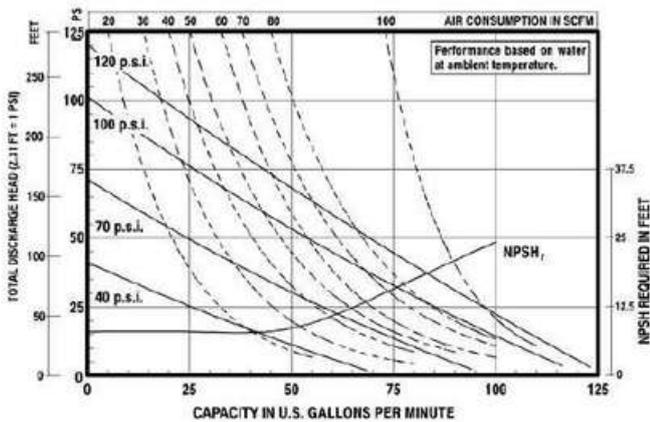
1-1/2" A.N.S.I. / DIN Flange



- S: 14-1/8"(358.5mm)
- E: 11"(279.5mm)
- F: 10-1/2"(266.3mm)
- D: 2-11/32"(59.4mm)
- B: 21-15/32"(545.3mm)
- D: 3-9/32"(83.3mm)
- H: 8-11/16"(220.7mm)
- J: 10-1/32"(254.8mm)

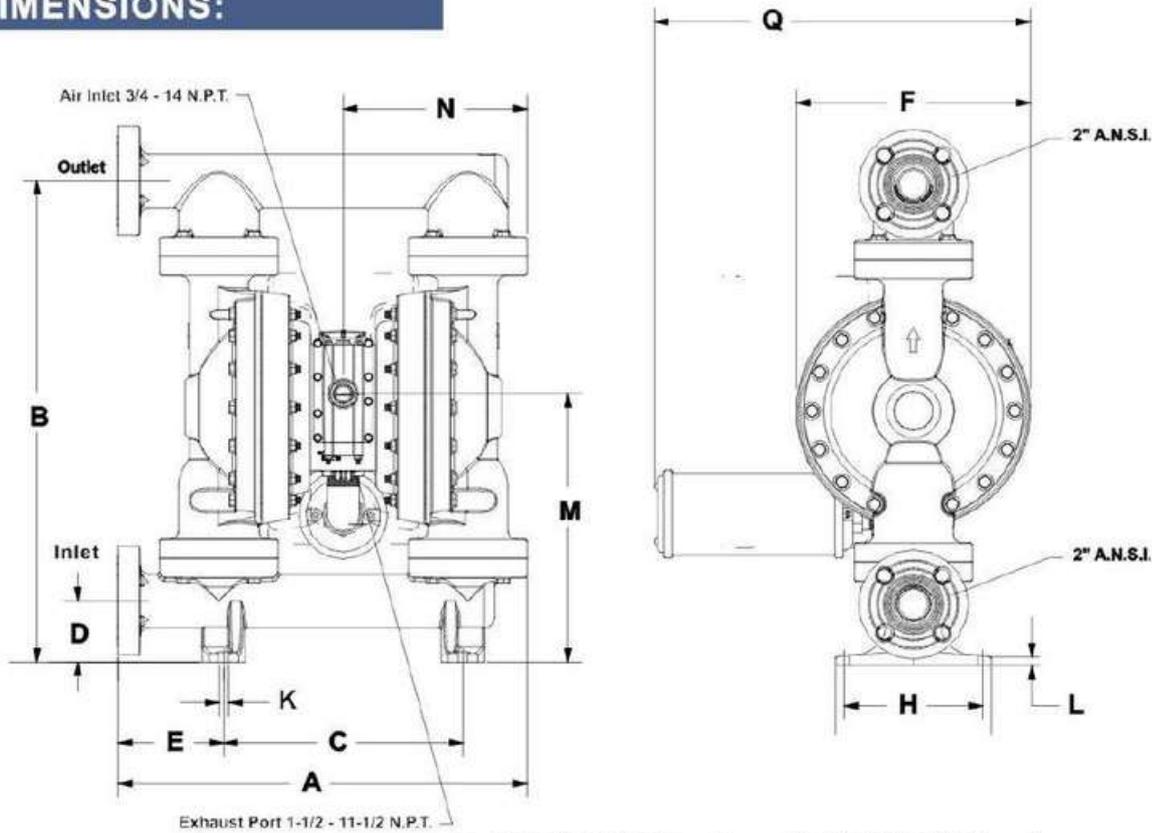
- A: 20-15/16"(531.6mm)
- P: 9-1/32"(229.5mm)
- G: 24-15/32"(621.5mm)
- K: 9/16"(14.3mm)
- R: 4-7/16"(112.4mm)
- C: 14-15/16"(379.4mm)

PERFORMANCE CURVE:



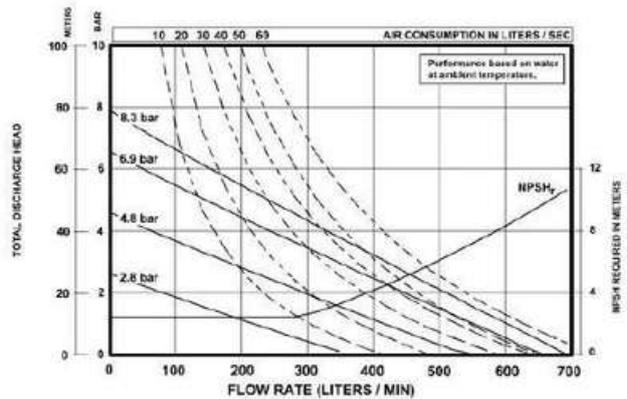
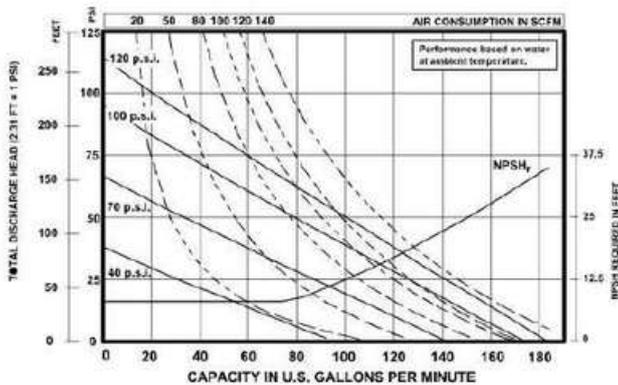
2" PD NON-METALLIC MODELS MODEL: PD20X-FXS-XXX

DIMENSIONS:



- | | |
|--|---|
| <p>A - 24-3/16" (614.3mm)
 B - 28-21/32" (728.0mm)
 C - 14-5/32" (360.0mm)
 D - 3-5/8" (92.2mm)
 E - 6-1/4" (158.3mm)</p> | <p>F - 13-7/8" (352.0mm)
 G - 31-29/32" (810.5mm)
 H - 8-3/16" (207.8mm)
 J - 9-7/32" (234.2mm)
 K - 9/16" (14.3mm)</p> <p>L - 1/2" (12.7mm)
 M - 16" (405.9mm)
 N - 10-7/8" (276.2mm)
 Q - 22-9/32" (565.5mm)</p> |
|--|---|

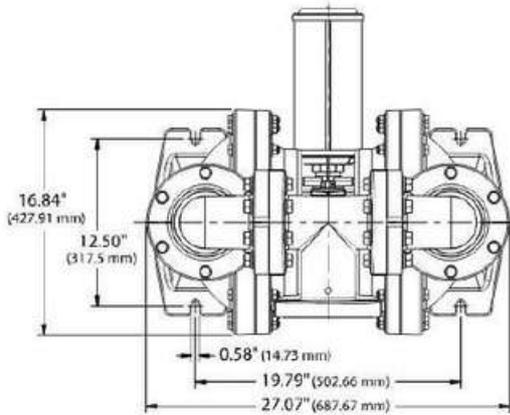
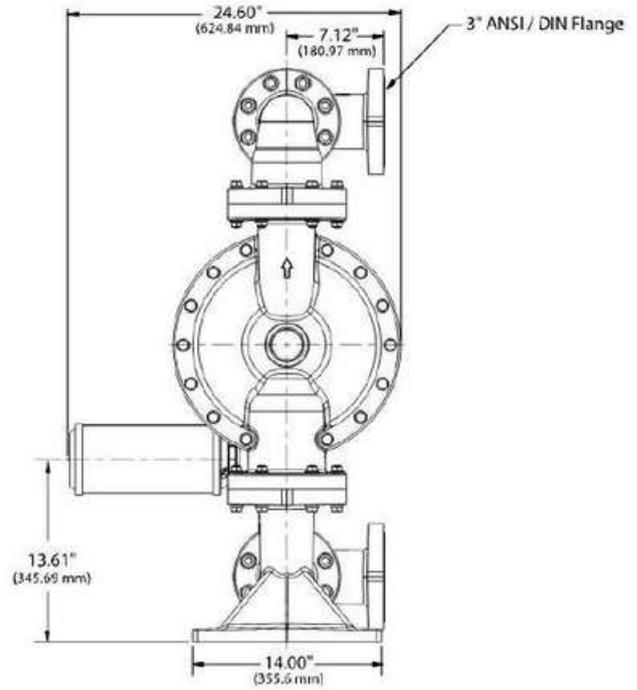
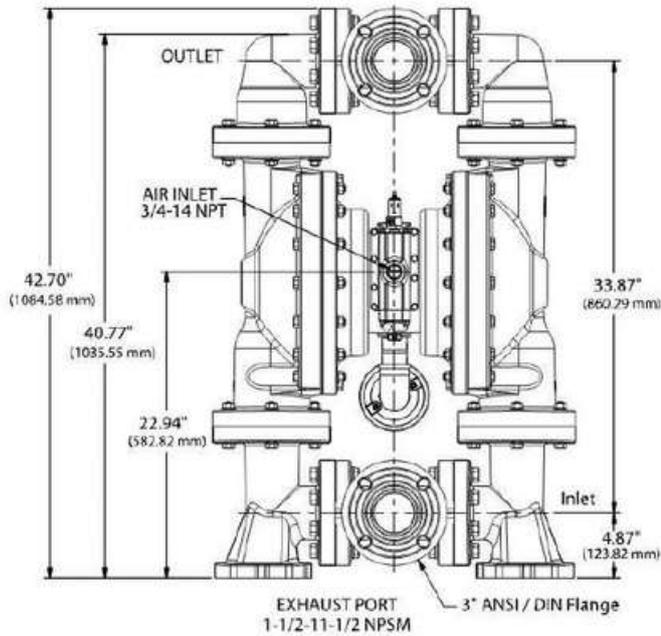
PERFORMANCE CURVE:



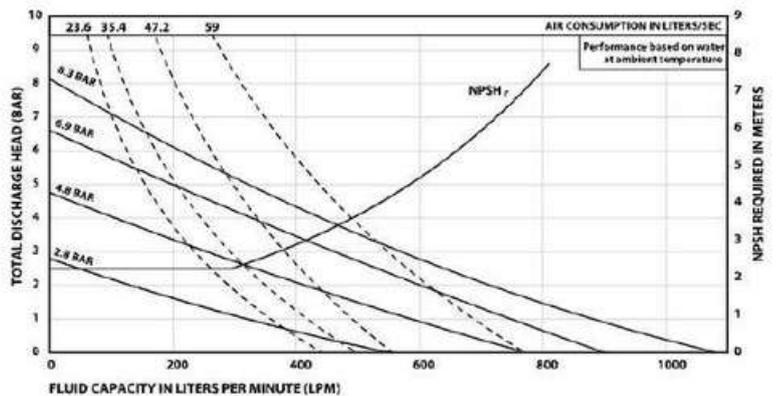
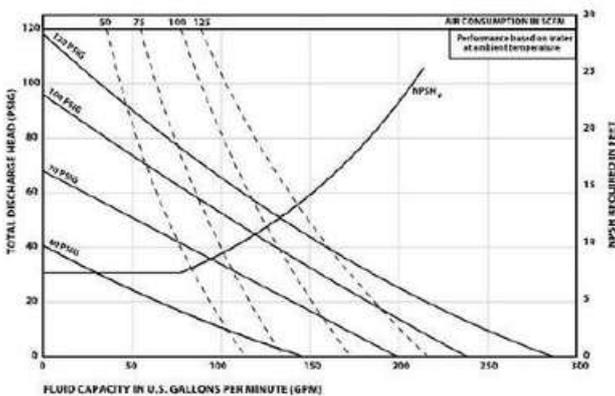
3" PD NON-METALLIC MODELS

MODEL: PD30P-XXS-XXX

DIMENSIONS:



PERFORMANCE CURVE:



1/4" PD NON-METALLIC MODELS MODEL: PD01P-HXS-XXX

SPECIFICATION:

Ratio:	1:1
Maximum Flow:	5.3 g.p.m. (20) l.p.m.
Displacement per cycle:	0.019 Gallons (0.072 Liters)
Air Inlet (Female):	1/4 - 18 PTF SAE Short
Fluid Inlet/Outlet Hybrid:	Internal Thread 1/4"NPTF/BSPT External Thread 3/4" - 14 NPTF/BSPT
Max. operating pressure psi (bar):	125 (8.6)
Suspended solids max. dia. in.(mm):	1/16" (1.66)
Weight lbs (kg):	2.86 (1.3) Polypropylene 3.88 (1.76) PVDF
Maximum dry suction lift ft(m) :	15 (4.6)
Sound Level:	70 PSI 60 Cycles/Min 62.3 db(A)
Muffler:	Integral, Included



MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8				
Example:	PD	X	-	H	X	S	-	X	X	X				

Position 1 Model Series	Position 2 Center Section	Position 3 Fluid Connections	Position 4 Wetted Parts	Position 5 Hardware	Position 6 Seat Material	Position 7 Ball Material	Position 8 Diaphragm Material
PD01- Standard Pump	E - Conductive Polypropylene P - Polypropylene	H - 1/4" NPT BSP hybrid	D - Groundable Acetal* E - Groundable Acetal* (Multiple port) K - Kynar PVDF L - Kynar PVDF (Multiple port) P - Polypropylene R - Polypropylene (Multiple port)	S - Stainless Steel	D - Acetal K - PVDF P - Polypropylene D - Polypropylene (Flex-Check spacer)* 1 - Acetal (Flex-Check spacer)* 2 - PVDF (Flex-Check spacer)*	A - Santoprene® C - Hytrel® G - Nitrile J - Nitrile (Flex-Check only) K - EPR (Flex-Check only) L - Viton® (Flex-Check only) N - Neoprene (Flex-Check only) T - PTFE	A - Santoprene® C - Hytrel® G - Nitrile T - PTFE

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

SPECIFICATION:

Ratio:	1:1		
Maximum GPM (LPM):	53 (200)		
Displacement per cycle Gallons (Liters):	0.226 (0.86)		
Air Inlet (Female):	1/4 - 18 N.P.T.		
Fluid Inlet/Outlet:	1" A.N.S.I./DIN flange		
Max. operating pressure psi (bar):	120 (8.3)		
Suspended solids max. dia. in.(mm):	1/8" (3.2)		
Weight lbs (kg):	Polypropylene, Side Ported	19.87 (9.01)	
	PVDF, Side Ported	27.15 (12.32)	
Maximum dry suction lift ft(m) :	19 (5.7)		
Sound Level:	70 PSI	60 Cycles/Min	79.7 db(A)



MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8			
Example:	PD10	X	-	X	X	S	-	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	E - Conductive Polypropylene P - Polypropylene	F - 1" A.N.S.I./DIN Flange (Side)	E - Conductive Polypropylene* K - PVDF P - Polypropylene	S - SS	H - 440 SS (Hard) K - PVDF P - Polypropylene S - 316 SS	A - Santoprene® C - Hytrel® G - Nitrile T - PTFE V - Viton®	A - Santoprene® C - Hytrel® G - Buna-N L - Long-Life PTFE M - Med. Grade Santoprene® T - PTFE/Santoprene® V - Viton®						

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Accessories

SERVICE REPAIR KIT:

AIR MOTOR FOR PD10P: PD637397;

FLUID SECTION: PD637396-XX;

MAJOR AIR VALVE ASSEMBLY: PD637395-X;

1-1/2" PD NON-METALLIC MODELS MODEL: PD15X-XXS-XXX

SPECIFICATION:

Ratio:	1:1		
Maximum GPM (LPM):	123 (465)		
Displacement per cycle Gallons (Liters):	0.617 (2.34)		
Air Inlet (Female):	1/2 - 14 N.P.T.		
Fluid Inlet/Outlet:	1-1/2" A.N.S.I./DIN flange (side or center)		
Max. operating pressure psi (bar):	120 (8.3)		
Suspended solids max. dia. in. (mm):	1/4" (6.4)		
Weight lbs (kg):	Polypropylene, Side Ported	42.6 (19.3)	
	PVDF, Side Ported	63.9 (29)	
Maximum dry suction lift ft (m) :	14 (4.2)		
Sound Level:	70 PSI	60 Cycles / Min	81.0 db(A)



MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8			
Example:	PD15	X	-	X	X	S	-	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
PD15 Standard Pump	E - Conductive Polypropylene P - Polypropylene	F - 1-1/2" A.N.S.I./DIN Flange (Side)	E - Conductive Polypropylene* K - PVDF P - Polypropylene	S - SS	H - 440 SS (Hard) K - PVDF P - Polypropylene 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 M - Medical Grade Santoprene® T - PTFE/Santoprene® V - Viton®

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Accessories

SERVICE REPAIR KIT:

AIR MOTOR FOR PD15P: PD637389;

FLUID SECTION: PD637391-XX;

MAJOR AIR VALVE ASSEMBLY: PD637390-X;

2" PD NON-METALLIC MODELS MODEL: PD20X-FXS-XXX

SPECIFICATIONS:

Ratio:	1:1
Maximum GPM (LPM):	184 (696)
Displacement per cycle Gallons (Liters):	1.4 (5.3)
Air Inlet (Female):	3/4" - 14 N.P.T.
Fluid Inlet/Outlet:	2" A.N.S.I./DIN flange (side)
Max. operating pressure psi (bar):	120 (8.3)
Suspended solids max. dia. in. (mm):	1/4" (6.4)
Weight lbs (kg):	Polypropylene 85.3 (38.7) PVDF 110.9 (50.3)
Maximum dry suction lift ft (m):	14 (4.2)
Sound Level:	70 PSI 60 Cycles/Min 85.0 db(A)



MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8				
Example:	PD20	X	-	F	X	S	-	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
PD20 - Standard Pump	E - Conductive Polypropylene P - Polypropylene	F - 2" A.N.S.I./DIN Flange (Side)	E - Conductive Polypropylene* K - PVDF P - Polypropylene	S - SS	K - PVDF P - Polypropylene	A - Santoprene® C - Hytrel® G - Nitrile T - PTFE V - Viton®	A - Santoprene® C - Hytrel® G - Buna-N L - Long-Life PTFE M - Medical Grade Santoprene® T - PTFE/Santoprene® V - Viton®

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Accessories

- SERVICE REPAIR KIT:**
AIR MOTOR FOR PD20P: PD637369;
FLUID SECTION: PD637373-XX;
MAJOR AIR VALVE ASSEMBLY: PD637374-X;

3" PD NON-METALLIC MODELS MODEL: PD30P-XXS-XXX

SPECIFICATIONS:

Ratio	1:1
Maximum GPM (LPM):	285 GPM (1079 LPM)
Air Inlet:	3/4-14 NPT
Fluid Inlet / Outlet	3" DIN/ANSI Flange
Max. operating pressure psi (bar):	120 psi (8.3 Bar)
Suspended solids max. dia. in. (mm):	3/8" (9.5mm)
Weight lbs (kg):	Polypropylene 170 lbs (77.11 kg) PVDF 242 lbs (109.77 kg)
Maximum dry suction lift ft (m):	20.5 ft. (6.3m)
Sound Level:	70 PSI 60 Cycles/Min. 85.3 db(A)
Muffler Included:	67389



MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8				
Example:	PD30	P	-	X	X	S	-	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	P - Polypropylene	D - 3" ANSI 4-hole flange F - 3" DIN 8-hole flange	K - PVDF P - Polypropylene	S - SS	K - PVDF P - Polypropylene	A - Santoprene® C - Hytrel® G - Buna- N T - PTFE V - Viton®	A - Santoprene® C - Hytrel® G - Buna- N L - Long-Life PTFE T - PTFE/ Santoprene®							

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Accessories

SERVICE REPAIR KIT:

AIR MOTOR: PD637369;

FLUID SECTION: PD637447-XX;

MAJOR AIR VALVE ASSEMBLY: PD637374-X;

1/2" PD METALLIC MODELS MODEL: PD05P-XXS-XXX

SPECIFICATIONS:

Ratio:	1:1	
Maximum Flow:	13 g.p.m. (49.2 l.p.m.)	
Displacement per cycle:	0.040 Gallons (0.15 Liters)	
Air Inlet: (Female)	1/4 - 18 P.T.F. SAE Short	
Fluid Inlet/Outlet:	1/2 - 14 N.P.T.F. - 1 Rp 1/2 (1/2 - 14 BSP, parallel)	
Max. operating pressure:	100-psi (6.9-bar)	
Suspended solids max. dia.:	3/32-in. (2.4-mm)	
Weight: lbs (kg)	PD05P-XAS-XXX	8.36 (3.8)
	PD05P-XSS-XXX	14.6(6.6)

Maximum dry suction lift: ft (m) 15 (4.5)
 Sound Level: 70 PSI 60 Cycles/Min 71.1 db(A)



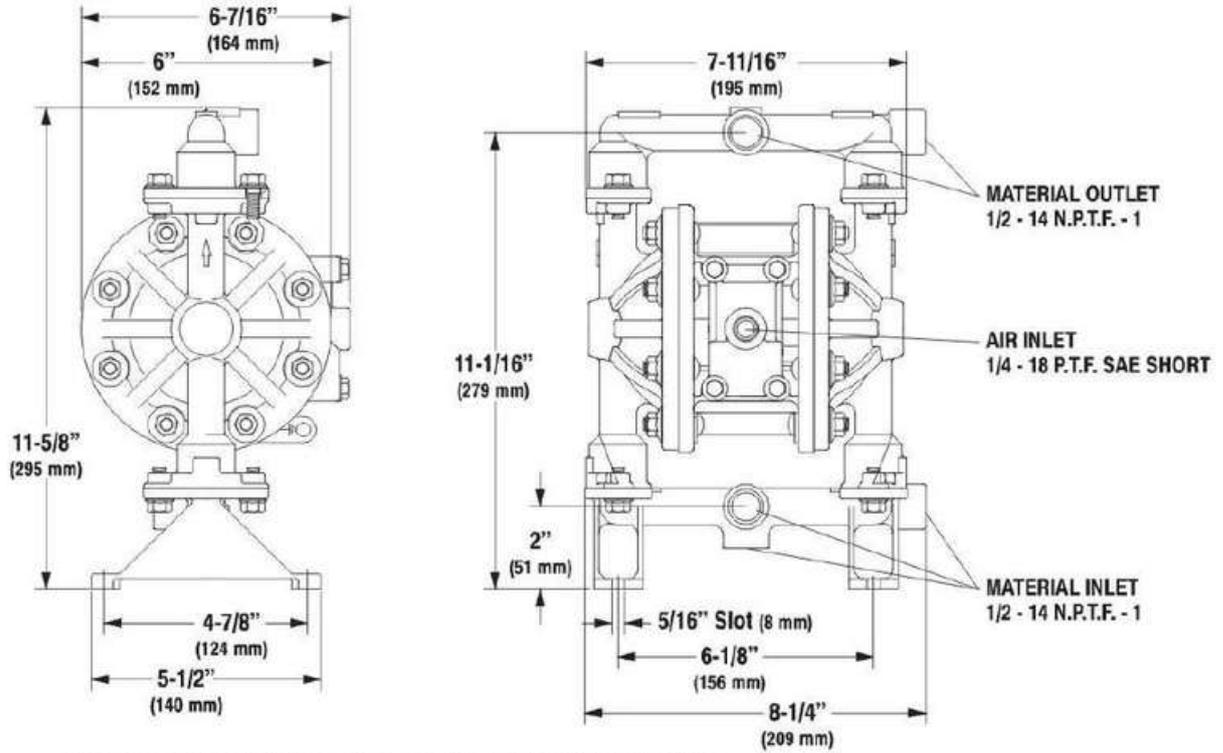
MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8	
Example:	PD05	P	-	X	X	S	-	X	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
PD05	P - Polypropylene	A - 1/2 - 14 N.P.T.F. - 1 B - Rp 1/2 (1/2 - 14 BSP, parallel)	A - Aluminum S - Stainless Steel	S - Stainless Steel	F - Aluminum P - Polypropylene S - Stainless Steel 316	A - Santoprene G - Nitrile S - Stainless Steel T - PTFE V - Viton	A - Santoprene G - Nitrile T - PTFE/ Santoprene V - Viton

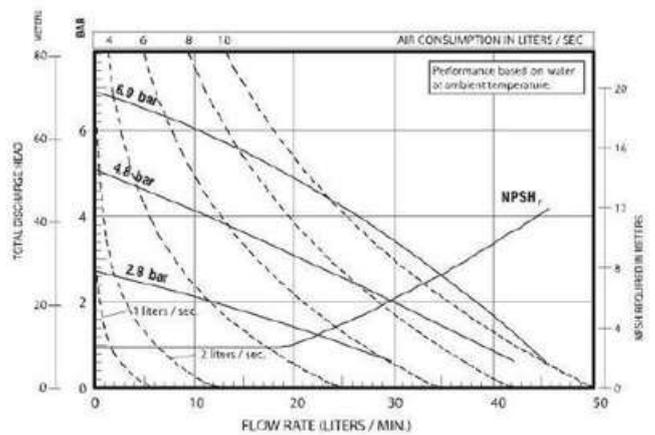
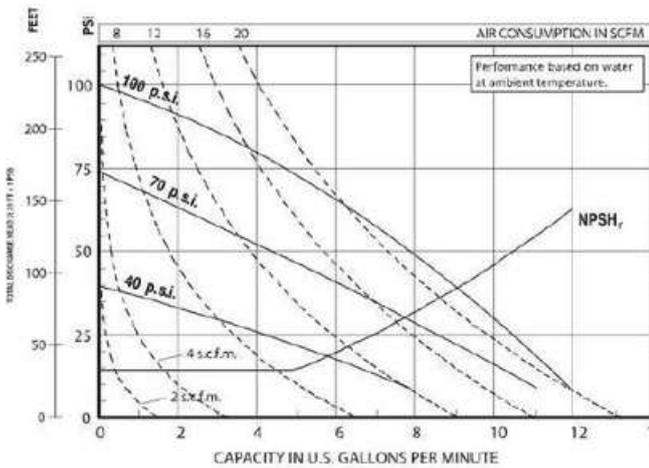
1/2" PD METALLIC MODELS MODEL: PD05P-XXS-XXX

DIMENSIONS:



Dimensions shown are for reference only, they are shown in inches and millimeters (mm).

PERFORMANCE CURVE:



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 - 1 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®

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Accessories

SERVICE REPAIR KIT:

AIR MOTOR: PD637397;

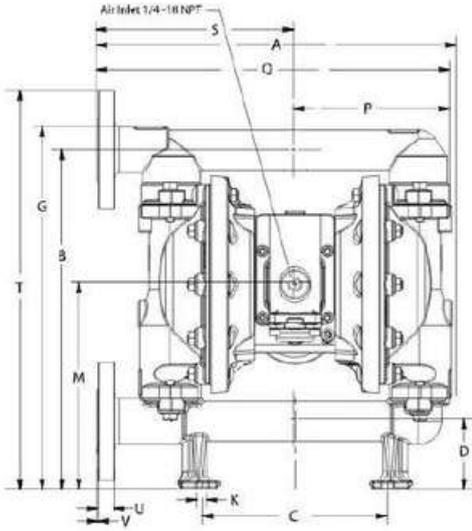
FLUID SECTION: PD637401-XXX; (with seats)

MAJOR AIR VALVE ASSEMBLY: PD637395-X;

1" PD METALLIC MODELS

MODEL: PD10X-XXX-XXX

DIMENSIONS:



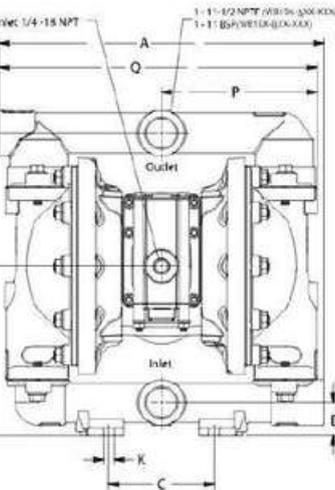
PD10X-FSX-XXX

- A - 12.34" (313.4 mm)
- B - 11.56" (293.6 mm)
- C - 4" (101.6 mm)
- D - 1.25" (31.7 mm)

- PD10A-XXX-XXX
- PD10R-XXX-XXX
- PD10S-XXX-XXX

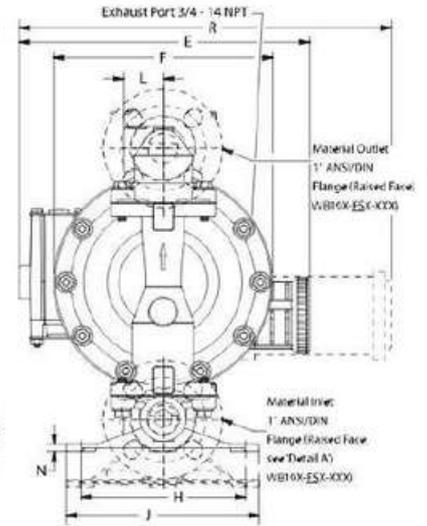
- E - see below
- F - see below
- G - 12.43" (315.7 mm)
- H - 6.25" (158.7 mm)

- "E"
- 11.09" (281.6 mm)



- J - 7.31" (185.6 mm)
- K - 0.4" (10.1 mm)
- L - 1.5" (38.1 mm)
- M - 6.46" (164.0 mm)
- 8.12" (206.2 mm)
- 8.31" (211.0 mm)
- 8.18" (207.7 mm)

- N - see below
- P - 5.84" (148.3 mm)
- Q - 12" (304.8 mm)
- R - see below
- 14.03" (356.3 mm)
- 13.84" (351.5 mm)



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

PD10X-FSX-XXX

- A - 13.37" (339.5 mm)
- B - 12.92" (328.1 mm)
- C - 7" (177.8 mm)

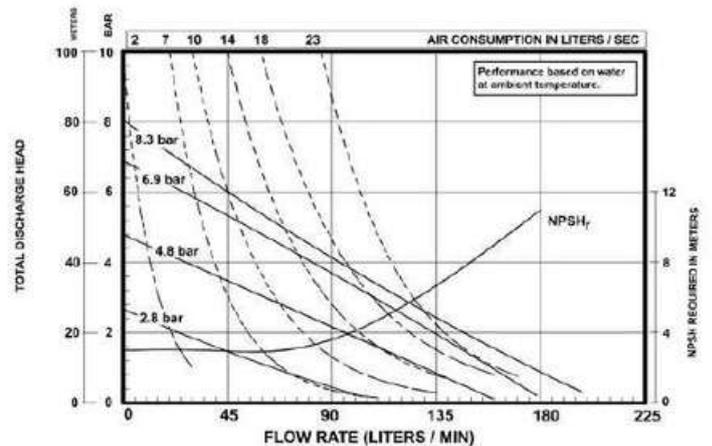
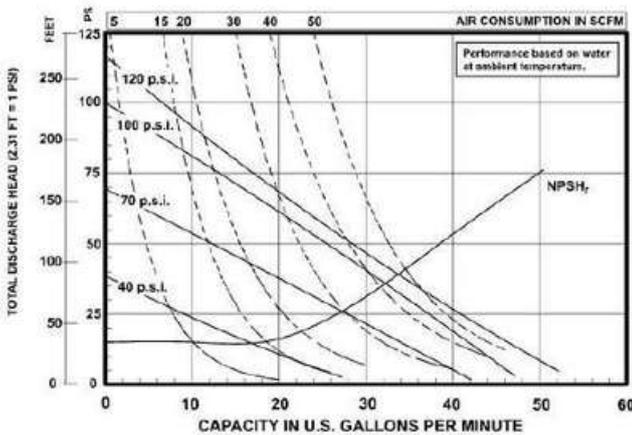
- D - 2.57" (65.2 mm)
- G - 13.80" (350.5 mm)
- K - 0.4" (10.1 mm)

- M - 7.79" (197.8 mm)
- N - 9/32" (7.1 mm)
- P - 5.83" (148.0 mm)

- Q - 13.30" (337.8 mm)
- R - 13.83" (351.2 mm)

- T - 15.19" (385.8 mm)
- U - 0.63" (16.0 mm)
- V - 0.60" (15.2 mm)

PERFORMANCE CURVE:



1-1/2" PD METALLIC MODELS MODEL: PD15X-XXX-XXX

SPECIFICATIONS:

Ratio:	1:1
Maximum GPM (LPM):	123 (466)
Displacement per cycle Gallons (Liters):	0.617 (2.34)
Air Inlet (Female):	1/2 - 14 N.P.T.
Fluid Inlet/Outlet:	1-1/2" - 11-1/2 N.P.T.F.-1, Rp1-1/2(1-1/2-11BSP) 1-1/2" ANSI/DIN hybrid flange
Max. operating pressure psi (bar):	120 (8.3)
Suspended solids max. dia. in.(mm):	1/4" (6.4)
Weight lbs (kg):	PD15R-XAX-XXX 37.7 (17.1) PD15R-XCX-XXX 73.2 (33.2) PD15R-XSX-XXX 61.2 (27.8) PD15R-XHX-XXX 86.9 (39.4)
	Note: add 2.14 lbs (0.97 kg) for aluminum air motor section add 18.14 lbs (8.23 kg) for stainless steel air motor section
Maximum dry suction lift ft.(m):	14 (4.2)
Sound Level:	70 PSI 50 Cycles/Min 81.0 db(A)
Muffler Included:	350-568



MODEL DESCRIPTION & ORDERING:

Position	1	2	3	4	5	6	7	8				
Example:	PD15	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
PD15- Standard Pump	A - Aluminum* R - Poly- propylene S - Stainless Steel*	A - NPTF Thread B - BSP Thread	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 Stainless Steel L - Hastelloy-C S - 316 Stainless Steel	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®

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Accessories

SERVICE REPAIR KIT:

AIR SECTION: PD637389;

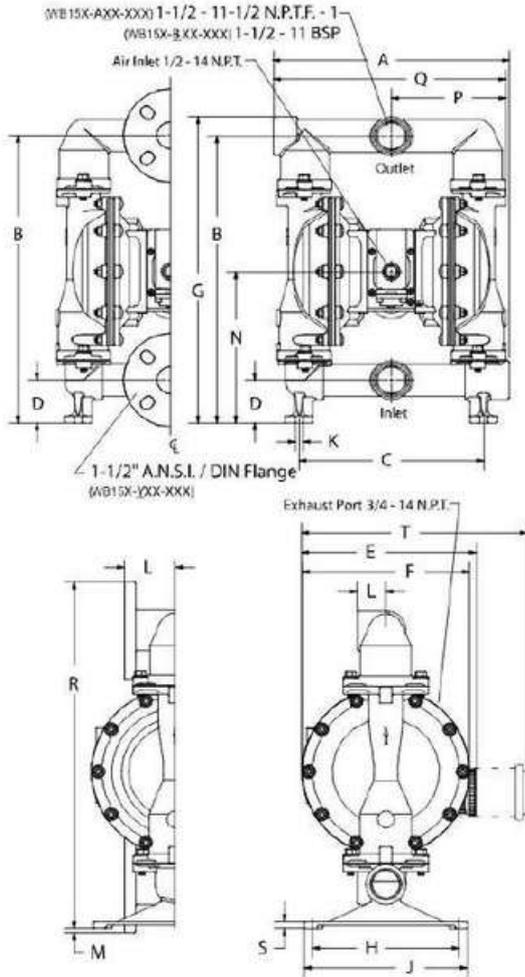
FLUID SECTION: PD637375-XXX; (with seats)

MAJOR AIR VALVE ASSEMBLY: PD637390-X;

1-1/2" PD METALLIC MODELS

MODEL: PD15X-XXX-XXX

DIMENSIONS:



- | | | |
|------------------------|------------------------|-------------------------|
| A - see below | G - 19-5/8" (498.1 mm) | N - 9-11/16" (246.0 mm) |
| B - 18-3/8" (466.7 mm) | H - 9" (228.6 mm) | P - see below |
| C - 11-3/4" (298.5 mm) | J - 10" (254.0 mm) | Q - see below |
| D - 2-3/4" (69.9 mm) | K - 1/2" (12.7 mm) | R - 21-7/16" (543.9 mm) |
| E - see below | L - see below | S - see below |
| F - 10-1/4" (260.4 mm) | M - 1/4" (6.4 mm) | T - see below |

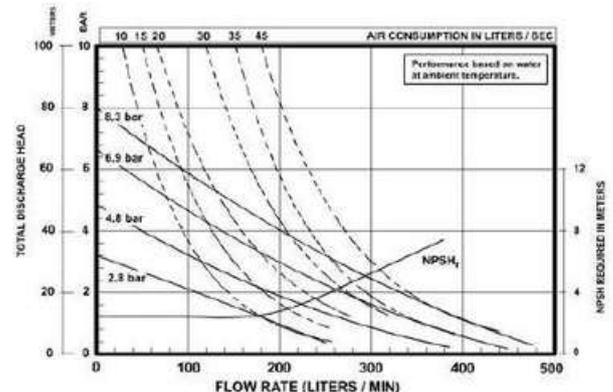
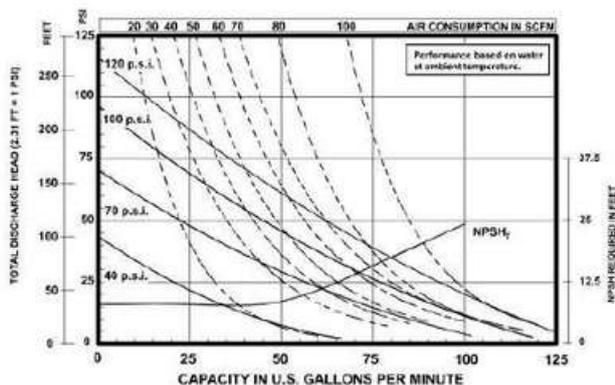
	"A"	"L"
PD15X-XAX-XXX	14-7/8" (377.8 mm)	1-3/4" (44.5 mm)
PD15X-XCX-XXX	14-5/8" (371.5 mm)	1-3/4" (44.5 mm)
PD15X-XHX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)
PD15X-ASX-XXX	14-25/32" (375.5 mm)	1-3/4" (44.5 mm)
PD15X-YSX-XXX	14-9/16" (370.0 mm)	3-1/8" (79.4 mm)

	"E"	"T"
PD15A-XXX-XXX	-----	14-1/32" (356.2 mm)
PD15R-XXX-XXX	11-3/32" (281.3 mm)	-----
PD15S-XXX-XXX	-----	13-27/32" (351.4 mm)

	"P"	"Q"	"S"
7-7/32" (183.4 mm)	14-23/32" (373.9 mm)	1/2" (12.7 mm)	
7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	
7-3/16" (182.6 mm)	14-1/2" (368.3 mm)	1/4" (6.4 mm)	
7-9/32" (185.0 mm)	14-13/16" (375.5 mm)	15/32" (11.4 mm)	
7-9/32" (185.0 mm)	14-9/16" (370.0 mm)	15/32" (11.4 mm)	

	"E"	"T"
PD15A-XXX-XXX	-----	14-1/32" (356.2 mm)
PD15R-XXX-XXX	11-3/32" (281.3 mm)	-----
PD15S-XXX-XXX	-----	13-27/32" (351.4 mm)

PERFORMANCE CURVE:



2" PD METALLIC MODELS MODEL: PD20X-XXX-XXX

SPECIFICATIONS:

Ratio:	1:1
Maximum GPM (LPM):	172 (651)
Displacement per cycle: @ 100 psi Gallons (Liters)	1.4 (5.3)
Air Inlet (Female):	3/4 - 14 N.P.T.F.-1
Fluid Inlet/Outlet (Female):	PD20X-AXX-XXX-B 2 - 11-1/2 N.P.T.F.-1 PD20X-BXX-XXX-X Rp 2 (2 - 11 BSP parallel) PD20X-FXX-XXX-B 2" ANSI/DIN hybrid flange
Max. operating pressure psi (bar):	120 (8.3)
Suspended solids max. dia. in. (mm):	1/4" (6.4)
Maximum dry suction lift ft (m):	14 (4.2)
Sound Level:	70 PSI 50 Cycles/Min 85.0 db(A)
Weight lbs (kg):	AL-Aluminum, CI-Cast Iron, H-Hastelloy, SS-Stainless Steel



Air Motor	Connection	Wetted	Pump Wgt
AL	Thread	AL	91.4 (41.5)
AL	Thread	CI	147.4 (66.9)
AL	Thread	SS	149.8 (68)
AL	Flange	SS	162.2 (73.6)

PD20A

Air Motor	Connection	Wetted	Pump Wgt
Poly	Thread	CI	165 (74.8)
Poly	Thread	SS	154 (69.9)
Poly	Flange	SS	148 (68.2)

PD20R

Air Motor	Connection	Wetted	Pump Wgt
SS	Thread	AL	120.3 (54.8)
SS	Thread	CI	176.3 (80)
SS	Thread	SS	176.7 (81.1)
SS	Flange	SS	191.1 (86.7)

PD20S

MODEL DESCRIPTION & ORDERING:

Position	1	2		3	4	5		6	7	8				
Example:	PD20	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
PD20 standard Pump	A - Aluminum* R - Poly-propylene S - Stainless Steel*	A - NPTF Thread B - BSP Thread F ¹ - 2" ANSI/DIN Hybrid Center Flange ¹ Stainless Steel Pumps Only	A - Aluminum* C - Cast Iron S - Stainless Steel*	P - Plated Steel S - SS	A - Santoprene® C - Hytrel® E - Carbon Steel F - Aluminum G - Nitrile H - 440 SS K - Kynar/PVDF 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®

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Accessories

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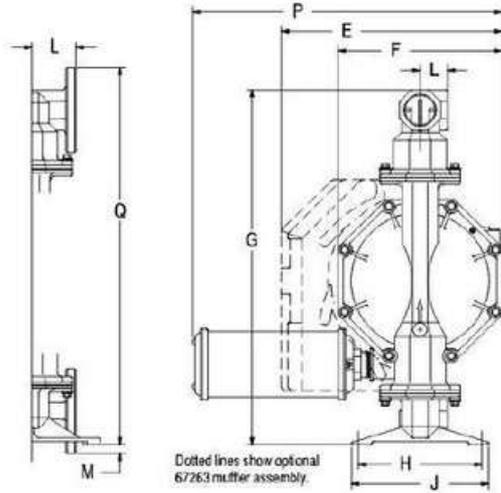
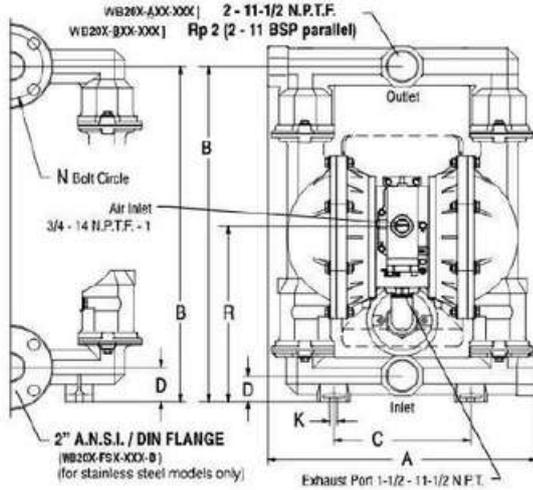
AIR SECTION: PD637369 (FOR PD20R AND PD20Y, PD637421 (FOR PD20A AND PD20S;

FLUID SECTION: PD637309-XXX; (with seats)

MAJOR AIR VALVE ASSEMBLY: PD637374-X;

2" PD METALLIC MODELS MODEL: PD20X-XXX-XXX

DIMENSIONS:



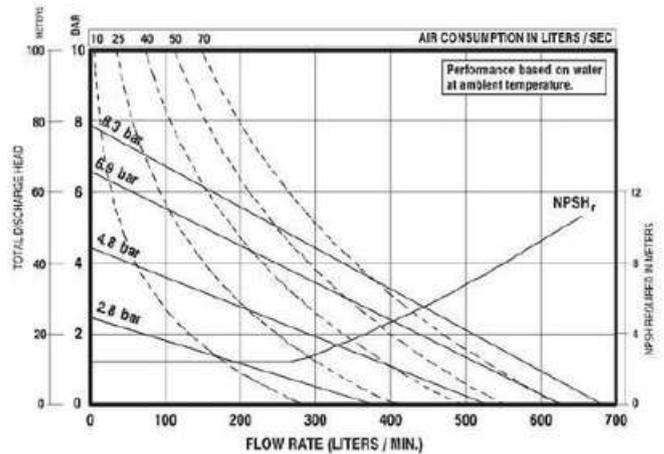
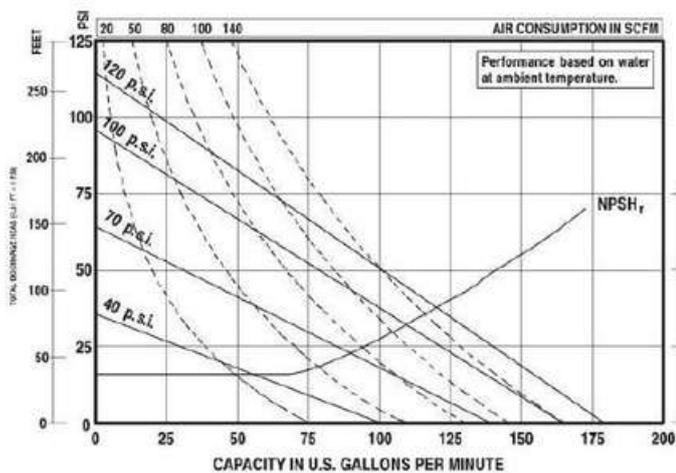
DIMENSIONS

A	see below	G	25-1/4" (666.8 mm)	M	5/8" (15.9 mm)
B	24-3/4" (628.7 mm)	H	9-1/16" (230.2 mm)	N	4.834" (122.8 mm)
C	10-1/16" (255.6 mm)	J	10-1/16" (255.6 mm)	P	21-5/8" (548 mm)
D	see below	K	9/16" (14.3 mm)	Q	27-7/8" (708.0 mm)
E	16-3/16" (411.2 mm)	L	see below	R	see below
F	12" (304.8 mm)				

PD20X-XAX-XXX-B)	"A"	19-3/4" (501.4 mm)	"D"	1-7/8" (47.6 mm)
PD20X-XCX-XXX-B)	"A"	19-3/4" (501.4 mm)	"D"	1-7/8" (47.6 mm)
PD20X-AHX-XXX-B)	-BH	19-1/4" (488.7 mm)	"D"	2-1/2" (63.5 mm)
PD20X-ASX-XXX-B)	-BS	19-1/4" (488.7 mm)	"D"	2-1/2" (63.5 mm)
PD20X-FHX-XXX-B)	-FS	19-1/4" (488.7 mm)	"D"	2-1/2" (63.5 mm)

"L"	"R"
2" (50.8 mm)	12-15/16" (328.6 mm)
2" (50.8 mm)	12-15/16" (328.6 mm)
2-3/32" (53.0 mm)	13-9/16" (344.5 mm)
2-3/32" (53.0 mm)	13-9/16" (344.5 mm)
3-1/4" (82.6 mm)	13-9/16" (344.5 mm)

PERFORMANCE CURVE:



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

SPECIFICATIONS:

Ratio:	1:1												
Maximum GPM (LPM):	275 (1041)												
Displacement per cycle: @ 100 psi Gallons (Liters)	2.8 (10.6)												
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):	<table border="0"> <tr> <td>PD30A-XAX-XXX-C</td> <td>129.5 (58.8)</td> </tr> <tr> <td>PD30A-XCX-XXX-C</td> <td>221.1 (100.3)</td> </tr> <tr> <td>PD30A-AHX-XXX-C</td> <td>249.4 (113.3)</td> </tr> <tr> <td>PD30A-ASX-XXX-C</td> <td>228.3 (103.8)</td> </tr> <tr> <td>PD30A-FHX-XXX-C</td> <td>269.4 (122.3)</td> </tr> <tr> <td>PD30A-FSX-XXX-C</td> <td>245.2 (114.4)</td> </tr> </table>	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)
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 [®]

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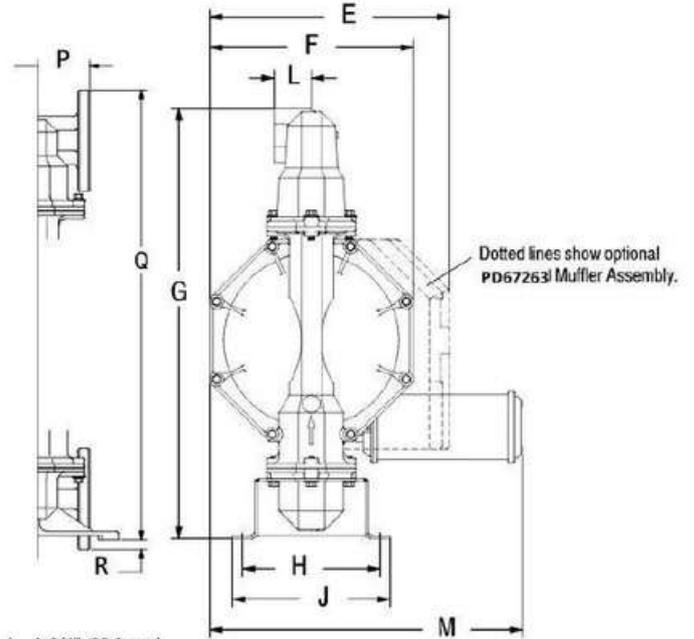
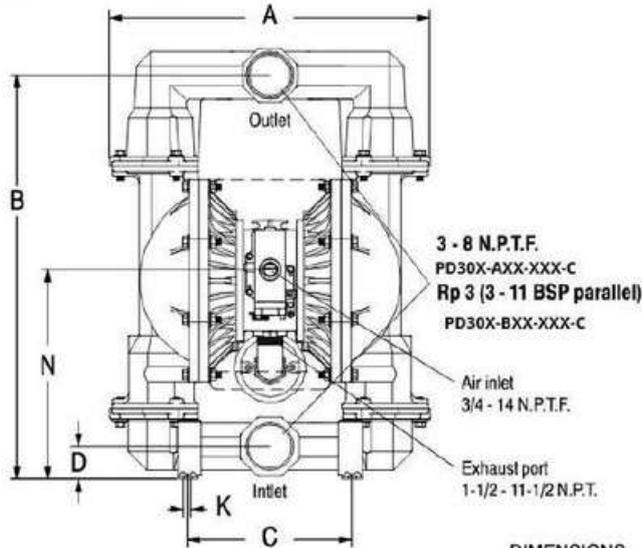
AIR SECTION: PD637369 (FOR PD30R), PD637421 (FOR PD30A AND PD30S)

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:

