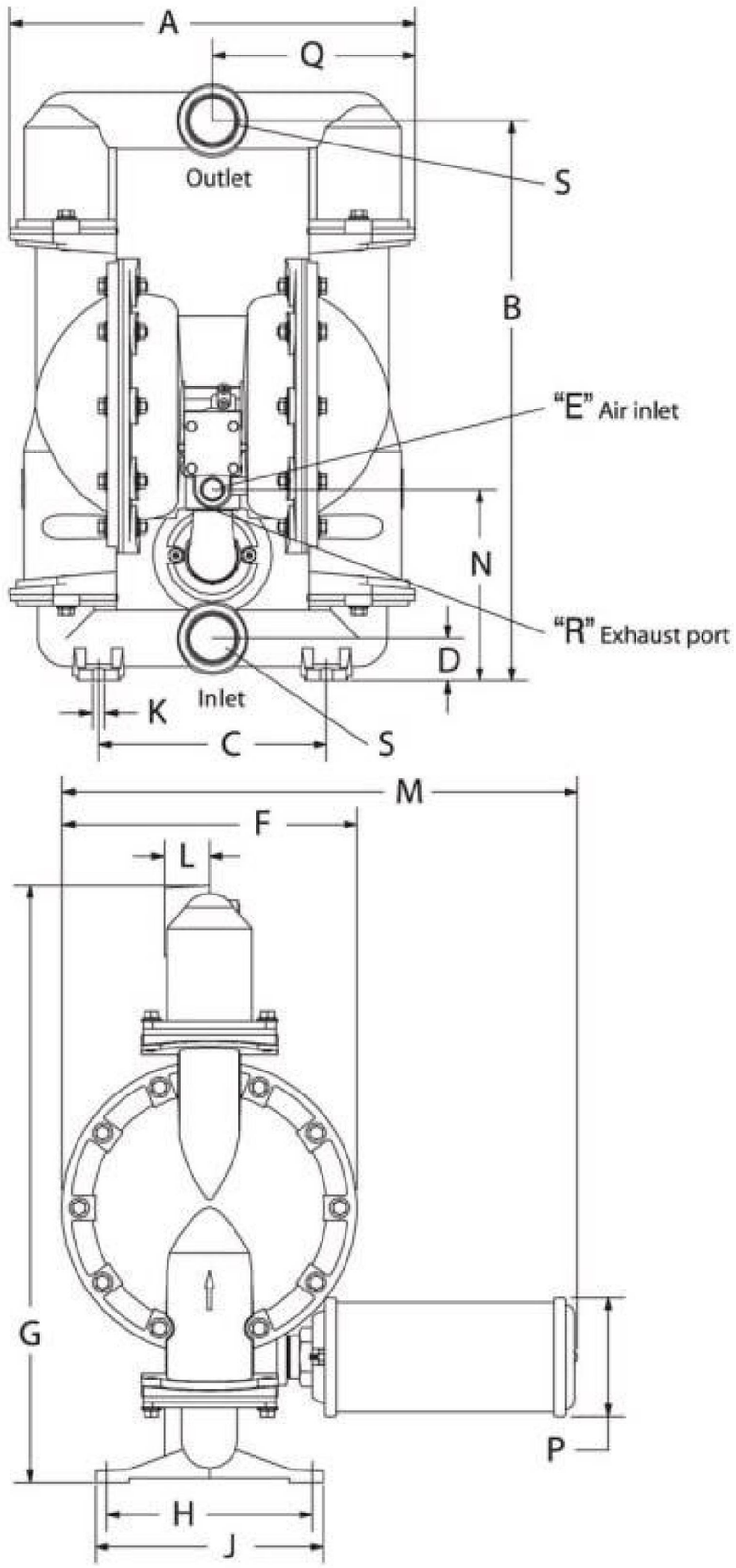
2” Metallic Dimensions and Flow Charts



DIMENSIONS

A 17-15/16'7455.1 mm)	G 26-3/8” (669.5 mm)	N 8-15/32"(214.6mm)
B 24-3/4" (628.7 mm)	H 9-1/16" (230.2 mm)	P 5-1/4" (133.4 mm)
C 10-1/16" (255.6 mm)	J 10-1/16” (255.6 mm)	Q 8-13/32"(227.6 mm)
D 1-7/8" (47.6 mm)	K 9/16" (14.3 mm)	R 1-1/4 -11-1 Z2N.P.T.F.-1
E 3/4 -14 N.P.T.F. -1	L 2" (50,8 mm)	S (see below)
F 13" (330.2 mm)	M 22-3/4"(577.3mm)	

"S" Inlet / Outlet

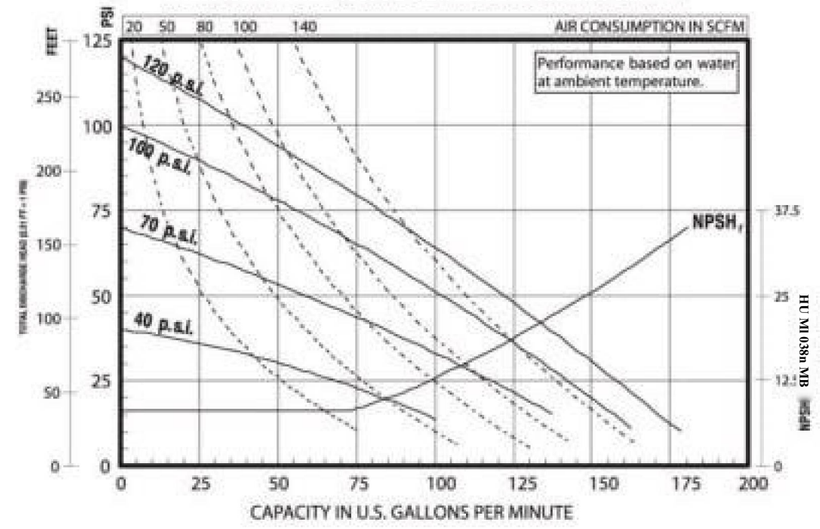
66625-XXX-C 2 -11-1/2 N.P.T.F. - 1

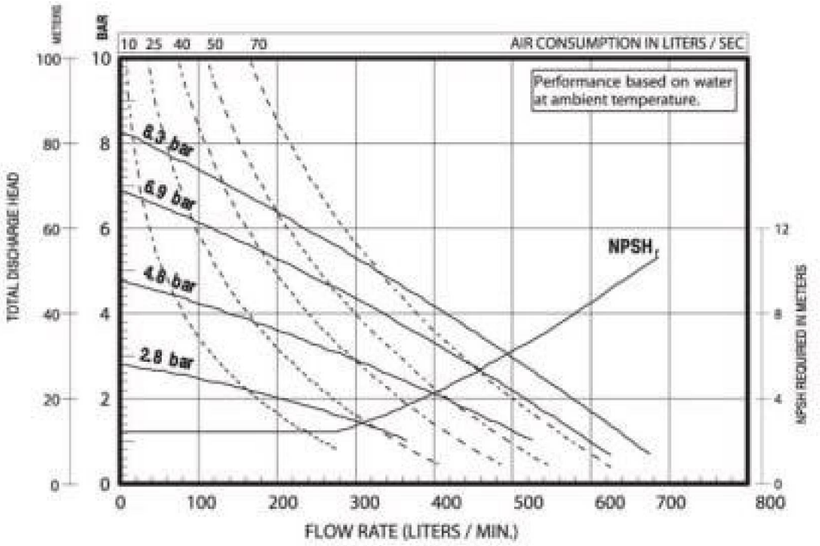
66627-XXX-C Rp 2 (2 -11 BSP parallel)

NOTE: Dimensions are shown in Inches and (mm), supplied for reference only and are typically rounded up to the nearest 1/16 inch.

PERFORMANCE CURVES

6662S0-XXX-C /666270-XXX-C 2' METALLIC DIAPHRAGM PUMP





METALLIC

2" Metallic Models
Pro-Series Pumps

2" Metallic Performance Specifications

Ratio:	1:1
Maximum Flow:	172-g.p.m. (651-l.p.m.)
Displacement per cycle:	1.4-Gallons (5.3-Liters)
Air Inlet: (Female)	3/4 - 14 N.P.T.F. - 1
Fluid Inlet:	2 - 11-1/2 N.P.T.F. - 1
	Rp 2 (2 - 11 BSP, parallel)
Fluid Outlet:	2 - 11-1/2 N.P.T.F. - 1
	Rp 2 (2 - 11 BSP, parallel)
Max. operating pressure:	120-psi (8.3-bar)
Suspended solids max. dia.:	1/4-in. (6.4-mm)
Weight: lbs (kg)	
	6662X0-XXX-C 65.2 (29.6)
	6662X1-XXX-C 129.9 (58.9)
	6662X2-XXX-C 124.3 (58.9)
Maximum dry suction lift: ft (m)	27.2 (8.3)



67389 Muffler Kit (not shown) included with pump

Ordering Menu

6662X X - X X X - C

Center Body/ Threads
- 5 Aluminum, N.P.T.F.
- 7 Aluminum, BSP

Fluid Caps/ Manifold Material
- 0 Aluminum (steel hardware)
- 1 Stainless steel (steel hardware)
- 2 Cast iron (steel hardware)

Seat Material
- 1 Aluminum
- 9 Hytrel
- E Santoprene
- G Nitrile

Ball Check Material
- 4 PTFE
- C Hytrel
- E Santoprene
- G Nitrile

Diaphragm Material
- 4 PTFE / Santoprene
- 9 Hytrel
- B Santoprene
- G Nitrile

Accessories

Air Line Connection Kit* | *Kit No. 66312*
Kit includes Piggyback Filter/Regulator with gauge, pipe nipple and a 5-foot section of air hose.

Service Repair Kits | *Kit No. 637434 (air section)*
Kit No. 637432-XX (fluid section)

**Please note pumps are not included with these kits.*

Model Overview: Metallic Models

Pro-Series Pumps



MODEL	1/2"	3/4"	1"	1-1/2"	2"	3"
Maximum Flow GPM (LPM)	12 (45.4)	13.6 (51.5)	35 (133)	90 (340.7)	172 (651)	237 (897)
Maximum Discharge Pressure PSI (BAR)	100 (6.9)	100 (6.8)	120 (8.3)	120 (8.3)	120 (8.3)	120 (8.3)
Fluid Ports Inlet/Outlet (BSP Available)	1/2" (F) - In/Out	3/4 - 14 N.P.T.F.-2 Rp 3/4(3/4-14BSP, parallel)	1" (F) - In/Out	1-1/2" (F) In/Out	2" (F) In/ Out	3" (F) In/ Out
Materials of Construction	Aluminum Stainless Steel	Aluminum	Aluminum Stainless Steel Cast Iron	Aluminum Stainless Steel Cast Iron	Aluminum Stainless Steel Cast Iron	Aluminum Stainless Steel Cast Iron
Pump Weight Lbs. (Kg.)	10.4 (4.7) PD05A-XAS-X-B 16.6 (7.5) PD05A-XSS-X-B 8.0 (3.7) PD05R-XAS-X-B 14.3 (6.5) PD05R-XSS-X-B	8.74 (3.96)	19 (8.6) Aluminum* 36 (16.3) Stainless 31 (14.1) Cast Iron* *add 8-lb(3.63-kg) for cast iron center section	51.5 (23.4) Aluminum* 84.5 (38.3) Stainless 79.5 (36.1) Cast Iron* *add 23-lb(10.4-kg) for cast iron center section	65.2 (29.6) 129.9 (58.9) 124.3 (56.4)	109.8 (49.8) 221.2 (100.8) 213.1 (96.7)
Maximum Solids Inches (mm)	3/32 (2.4)	3/32 (2.4)	1/8 (3.2)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)
Best Selling Models (BSP Available)	PD05P-AAS-FAA PD05P-AAS-FTT PD05P-AAS-PGG PD05P-AAS-PTT	PD07R-AAS-FAA PD07R-AAS-PAA PD07R-AAS-FTT PD07R-AAS-PFF	666100-122-C 666100-144-C 666101-244-C 666102-3EB-C	666150-361-C 666150-362-C 666150-3EB-C 666151-244-C 666152-2EB-C	666250-EEB-C 666250-144-C 666250-9C9-C 666251-244-C 666252-EEB-C	666300-EEB-C 666300-144-C 666300-9C9-C 666301-244-C 666302-EEB-C
Recommended Filter/ Regulator	P39124-600	P39124-600	P39224-600	P39334-600	P39334-600	P39334-600
Air Line Kit	66073-1	66073-1	66073-2	66084-1	66312	66312