



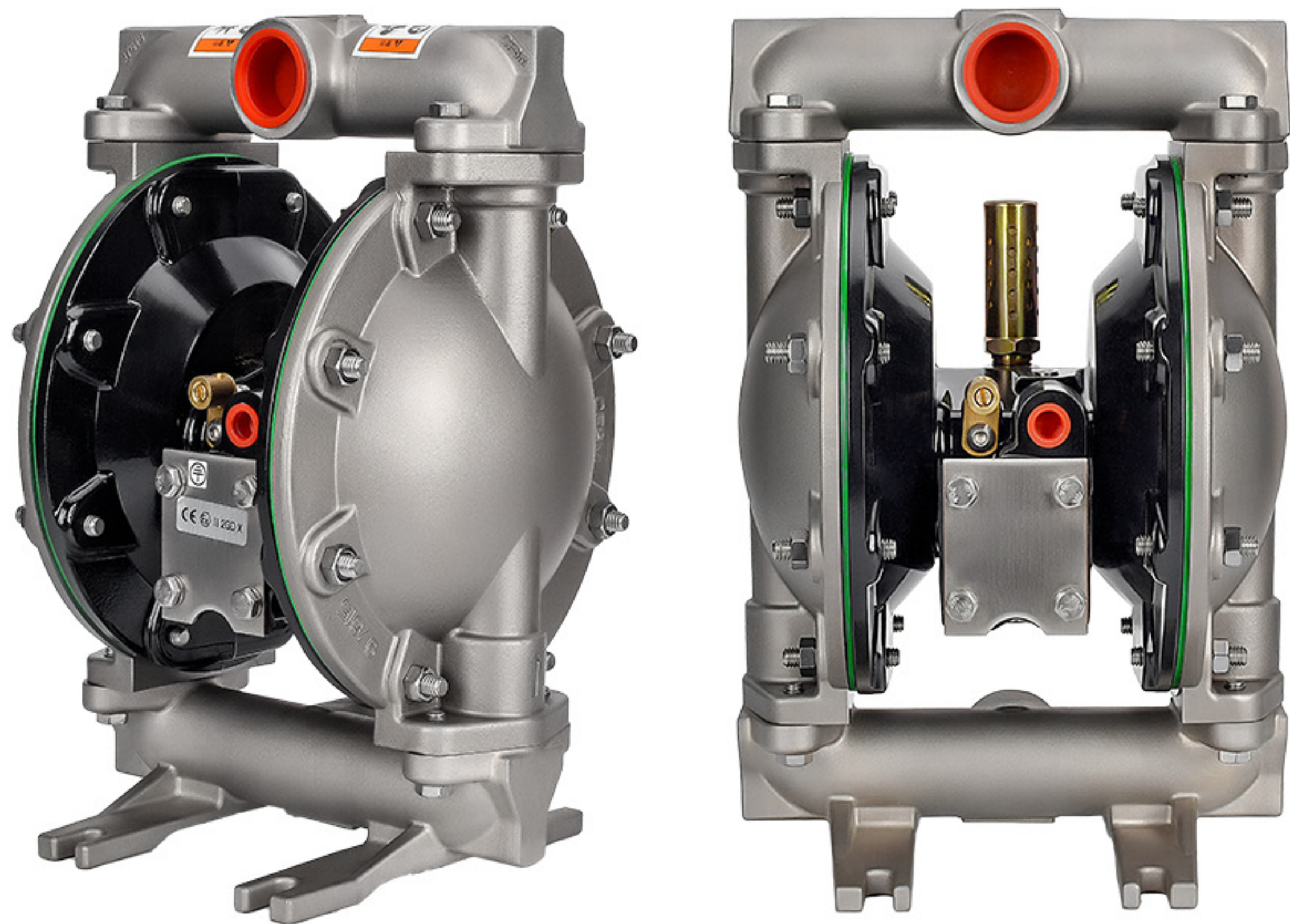
STAINLESS STEEL MATERIAL



MODEL	1"(DN25)	1-1/2"(DN40)	2"(DN50)	3"(DN80)
Maximum Flow GPM(LPM)	35 (133)	90 (340.7)	172 (651)	237 (897)
Maximum Discharge Pressure PSI (BAR)	120 (8.3)	120 (8.3)	120 (8.3)	120 (8.3)
Fluid Ports Inlet/Outlet (BSP Available)	1-11-1/2 NPTF -1 Rp 1 (1-11 BSP parallel)	1-1/2 11-1/2 NPTF- 1 Rp 1-1/2 (1-11 BSP parallel)	1-1/211-1/2 NPTF -1 Rp /2 (2-11 BSP parallel)	3-8 NPTF- 1 Rp 3 (3- 11 BSP parallel)
Materials of Construction	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Pump Weight Lbs.(Kg.)	13.5KG	40KG	62KG	120KG
Maximum Solids Inches (mm)	1/8 (3.2)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)
Maximum dry suction lift ft (m):	20(6.1)	19(5.8)	27.2(8.3)	17.6(5.4)

- 1. Water-Based Liquids— Lean water, wastewater, industrial water, cooling water, etc.
- 2. Oils— Lubricating oil, diesel, motor oil, waste oil, etc.
- 3. Solvents— Petroleum-based solvents
- 4. Paints & Coatings— Water-based paint, latex paint, ink, pigment slurry, etc.
- 5. Adhesives & Viscous Fluids— White glue, resins, polyurethane components, medium-viscosity liquids
- 6. Slurries or Liquids Containing Solids— Ceramic slurry, lime slurry, fluids with small particles





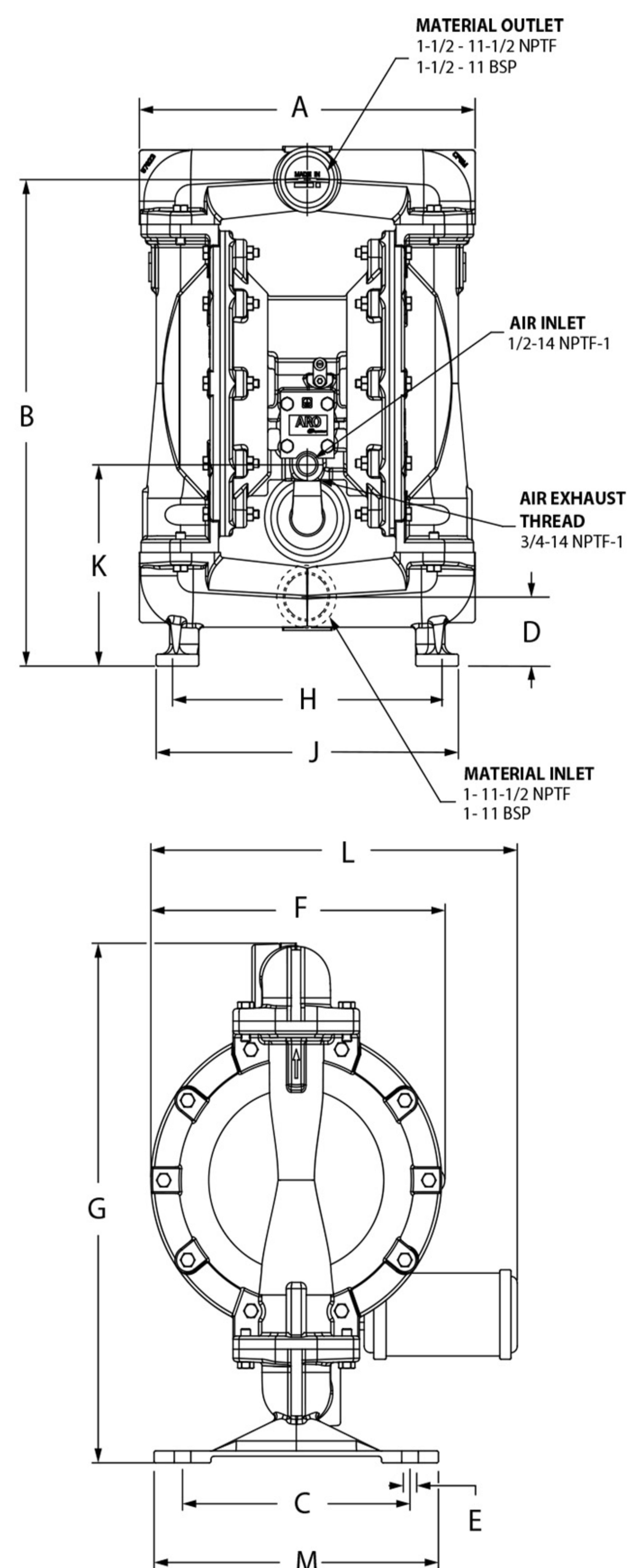
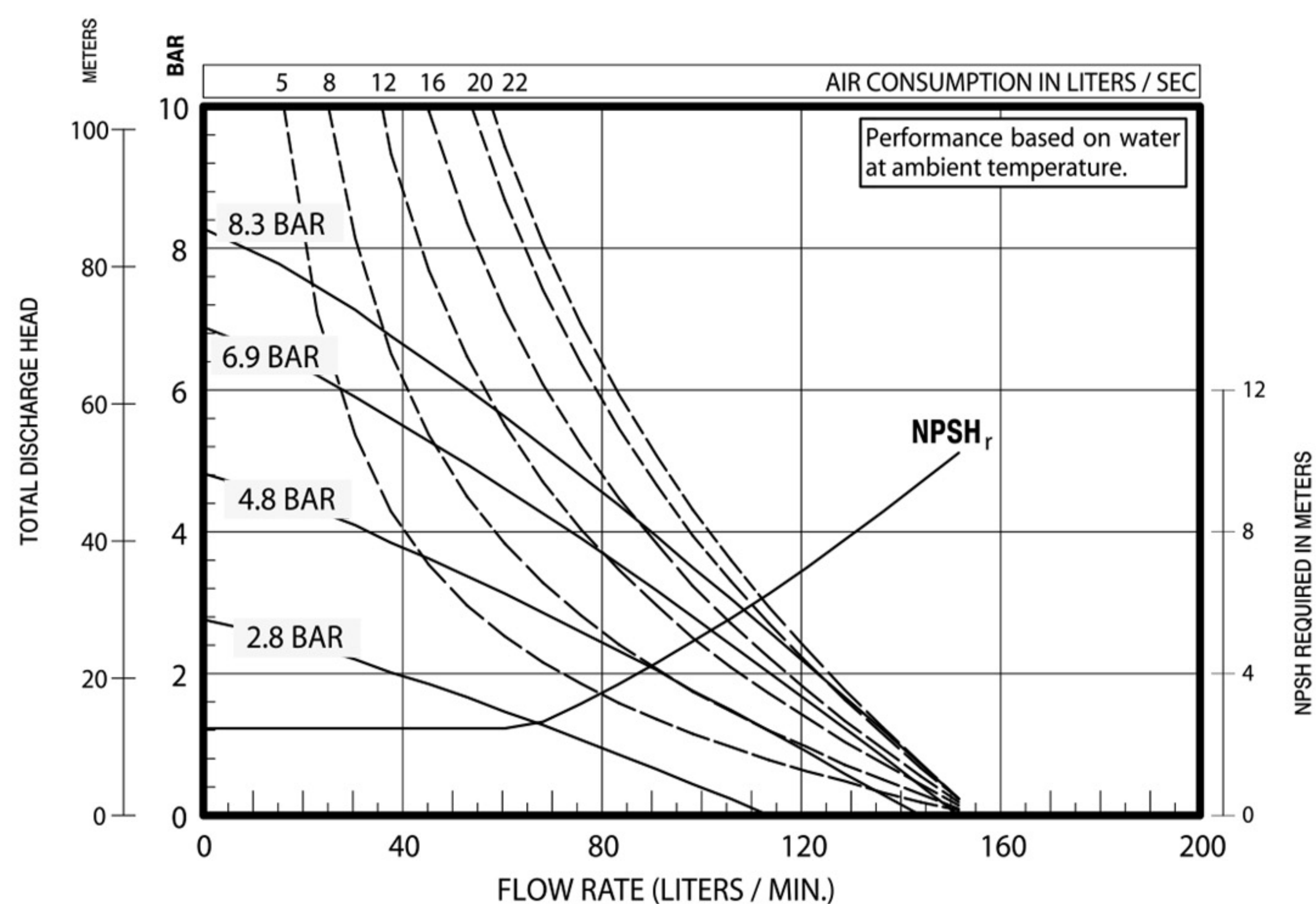
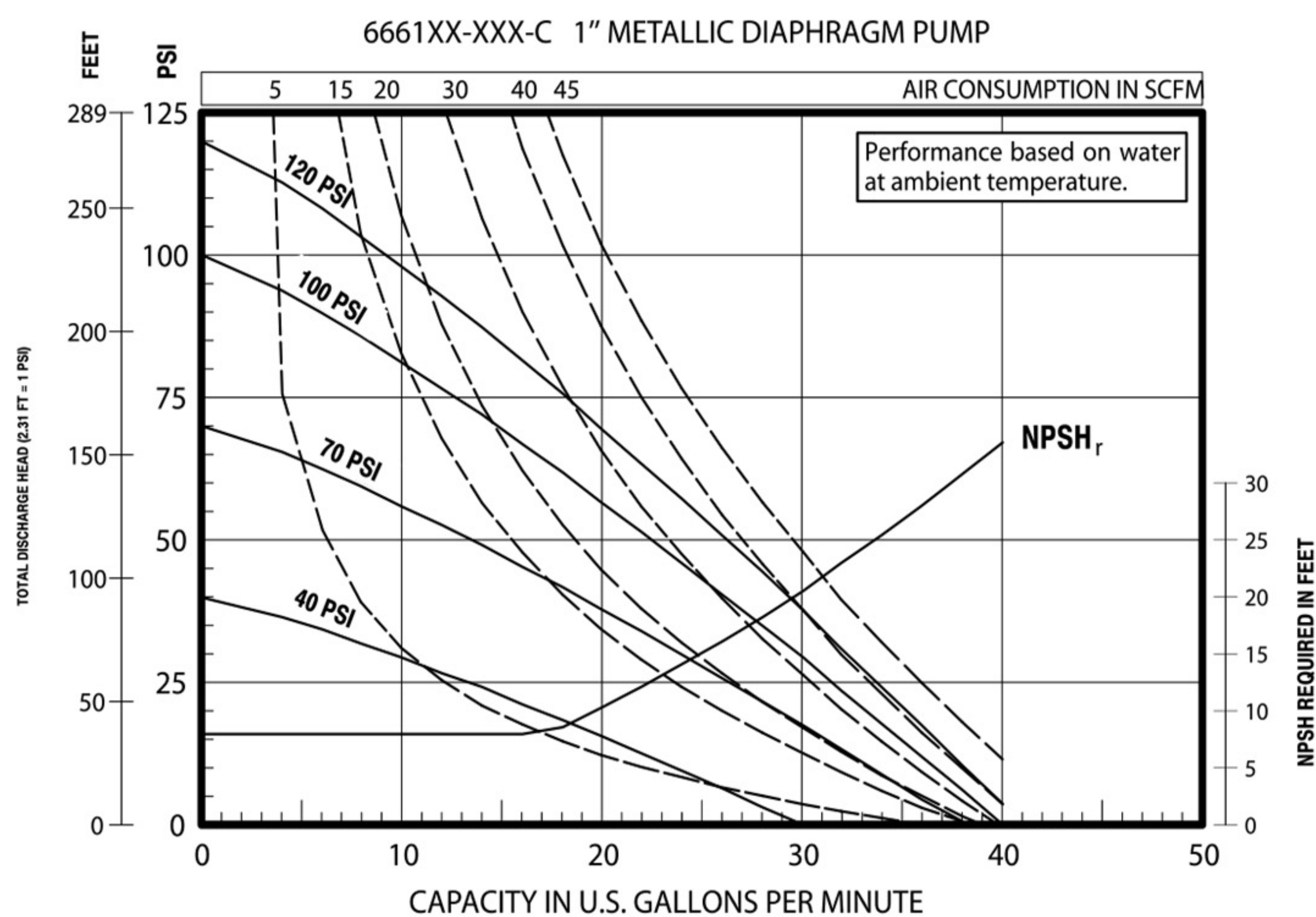
1" STAINLESS STEEL DIAPHRAGM PUMP

As part of our diaphragm pump series, our 1-inch metallic pumps feature high performance in a compact size. They offer a maximum flow rate of 35 gallons per minute (133 liters per minute) and come with various material and port configurations.

- MAX.FLOW (LPM): **133(LPM)**
- MAXIMUM DRY SUCTION LIFT FT : **20M/WET 6.1M/DRY**
- MAX. WORKING PRESSURE: **120PSI(8.3BAR)**
- FLUID INLET/OUTLET SIZE: **1-11/2 NPTF -1RP 1(1-11 BSP PARALLEL)**
- AIR INLET SIZE (INCH): **1/4"**
- MAX. PARTICLE DIAMETER : **3.2(MM)**
- PUMP BODY STRUCTURE MATERIALS: **STAINLESS STEEL**
- WEIGHT: **13.5KG**

1" Metallic Dimensions and Flow Charts

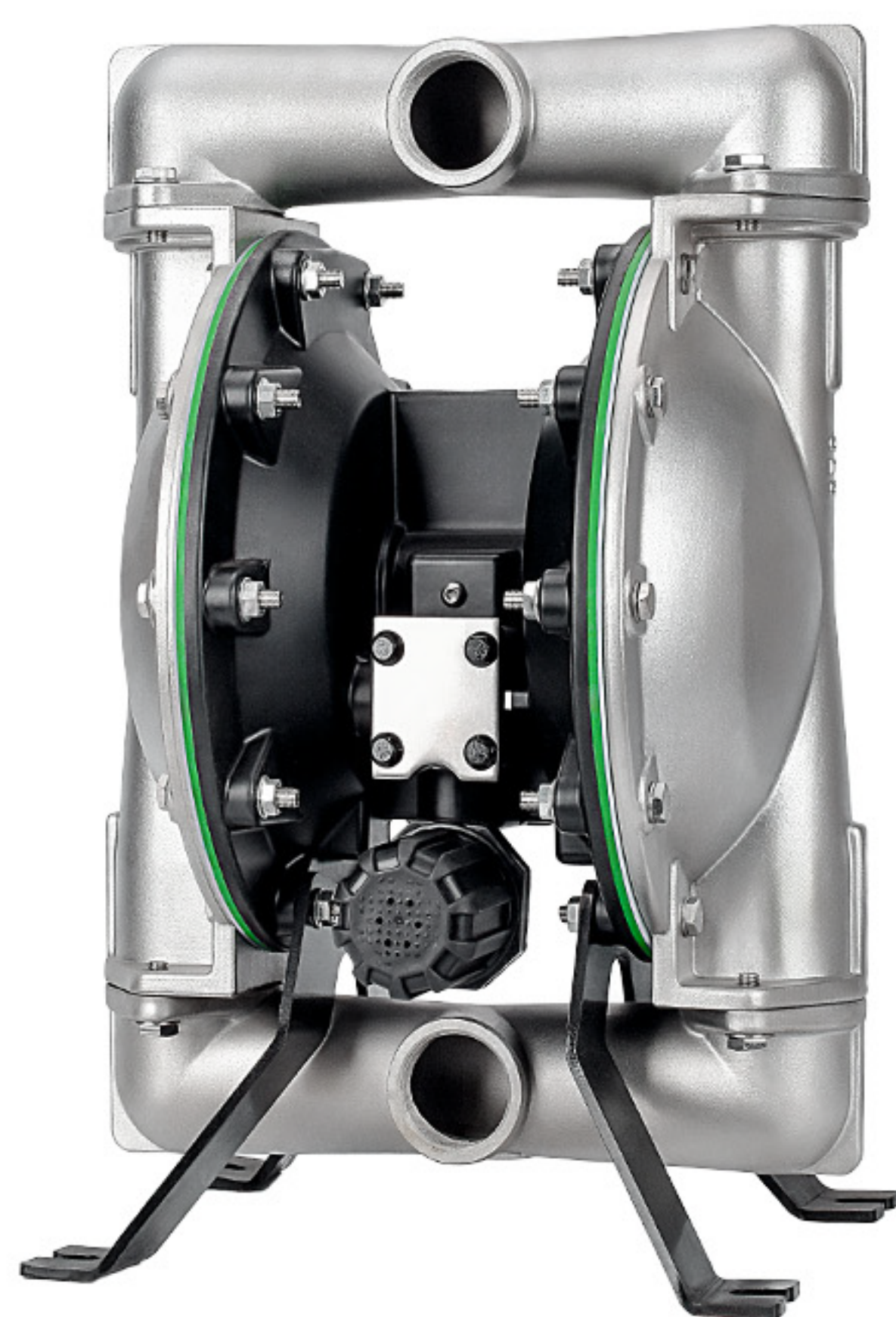
PERFORMANCE CURVES



DIMENSIONS

A - 13-5/16" (337 mm)	E - 17/32" (13.5 mm)	J - 12" (305 mm)
B - 18-3/8" (467 mm)	F - 11-1/2" (292 mm)	K - 7-5/8" (194 mm)
C - 9" (229 mm)	G - 19-5/8" (498 mm)	L - 14-1/2" (368 mm)
D - 2-3/4" (70 mm)	H - 10-3/4" (273 mm)	M - 11-1/4" (286 mm)

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

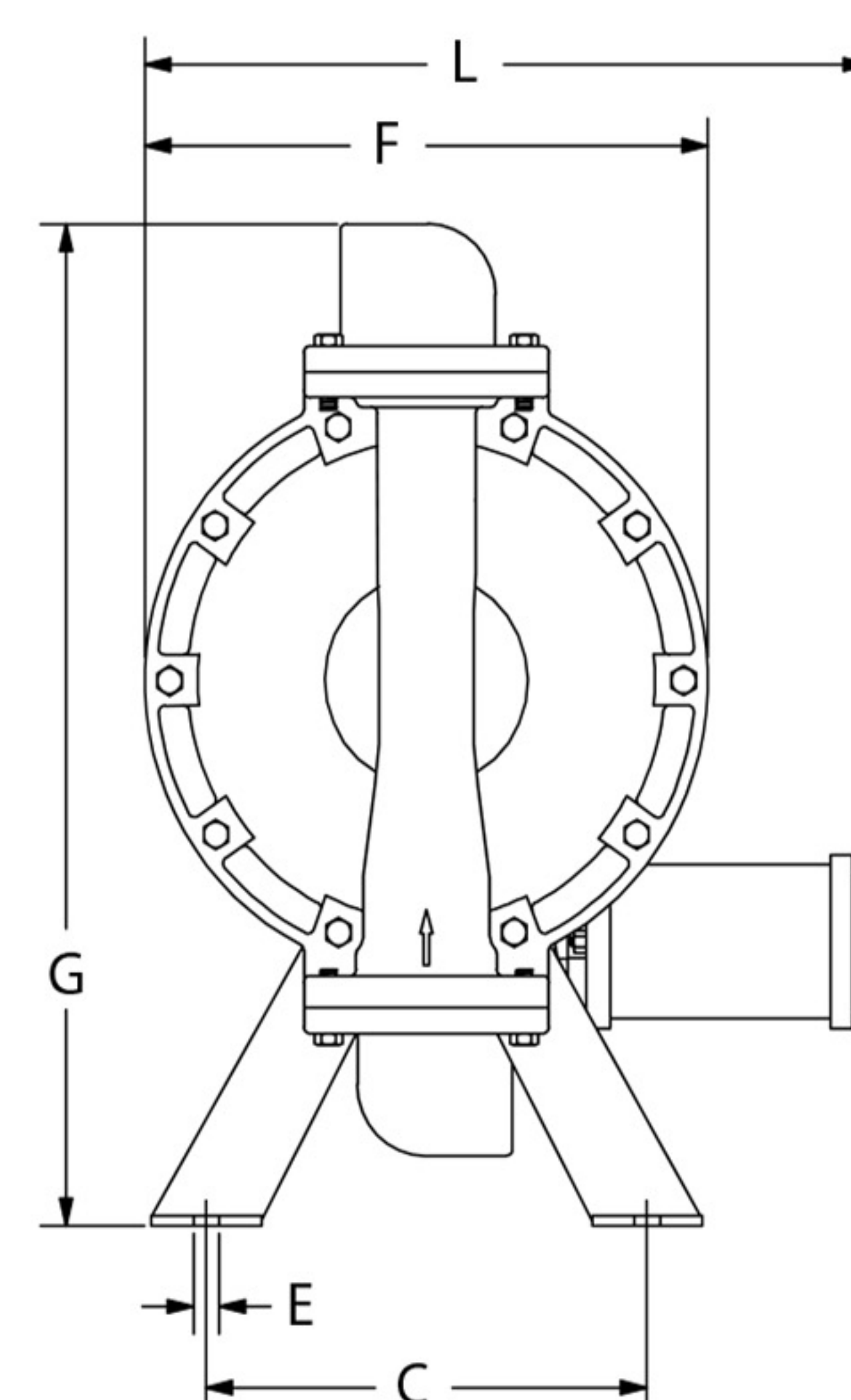
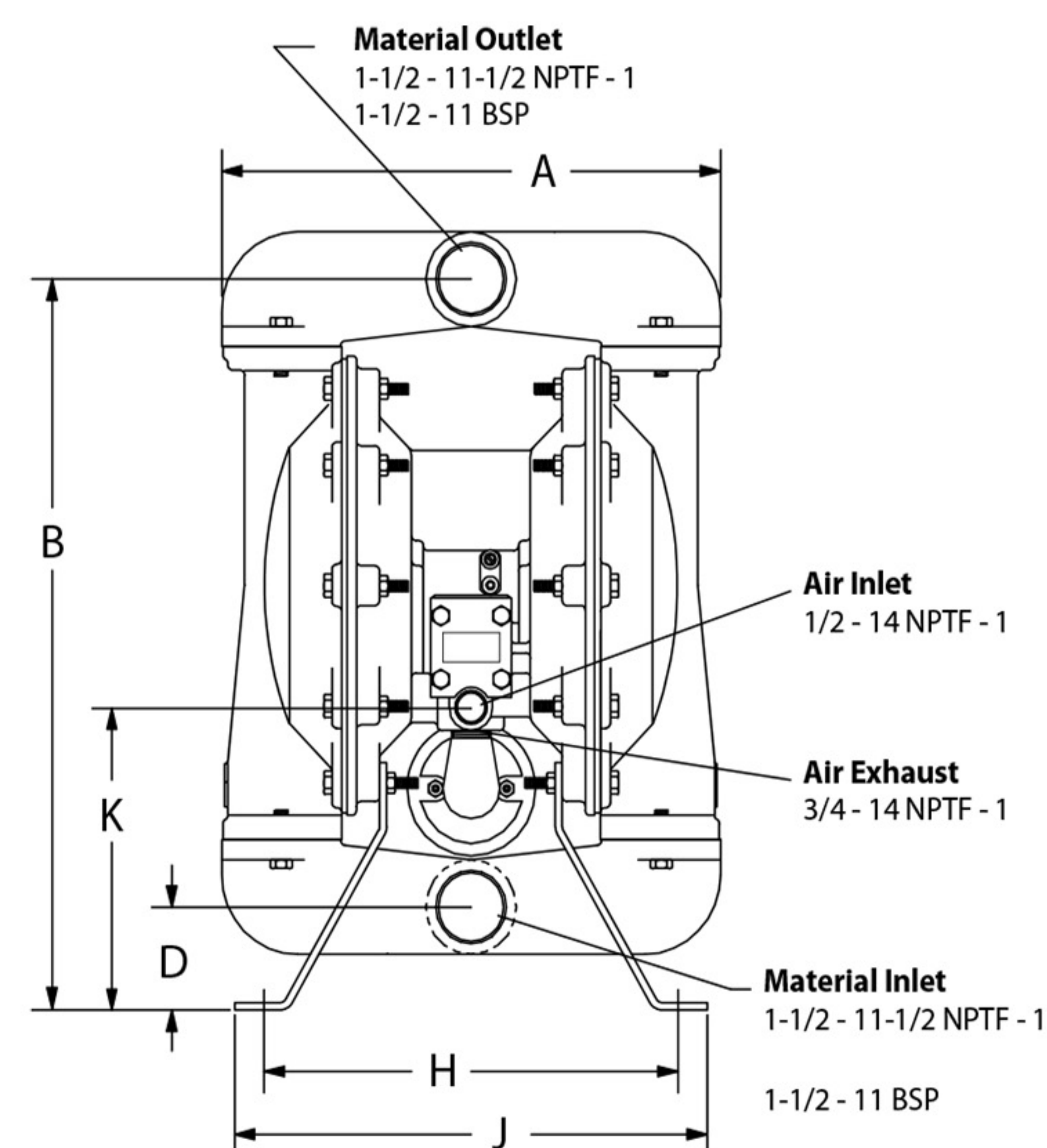


1-1/2" STAINLESS STEEL DIAPHRAGM PUMP

In the Medium-sized Pump Series, our 1 1/2" metallic pumps deliver big performance in a compact design. With a top flow rate of 90 GPM (340 LPM), they offer diverse material and porting choices.

- MAX.FLOW GPM(LPM): **340.7LPM**
- MAXIMUM DRY SUCTION LIFT FT (M): **19M/WET 5.8M/DRY**
- MAX. WORKING PRESSURE: **120PSI(8.3BAR)**
- FLUID INLET/OUTLET SIZE:**1-1/2 11-1/2 NPTF- 1 RP 1-1/2 (1-11 BSP PARALLEL)**
- AIR INLET SIZE (INCH): **1/2"**
- MAX. PARTICLE DIAMETER (MM): **6.4**
- PUMP BODY STRUCTURE MATERIALS: **STAINLESS STEEL**
- WEIGHT: **40KG**

1-1/2" Metallic Dimensions and Flow Charts

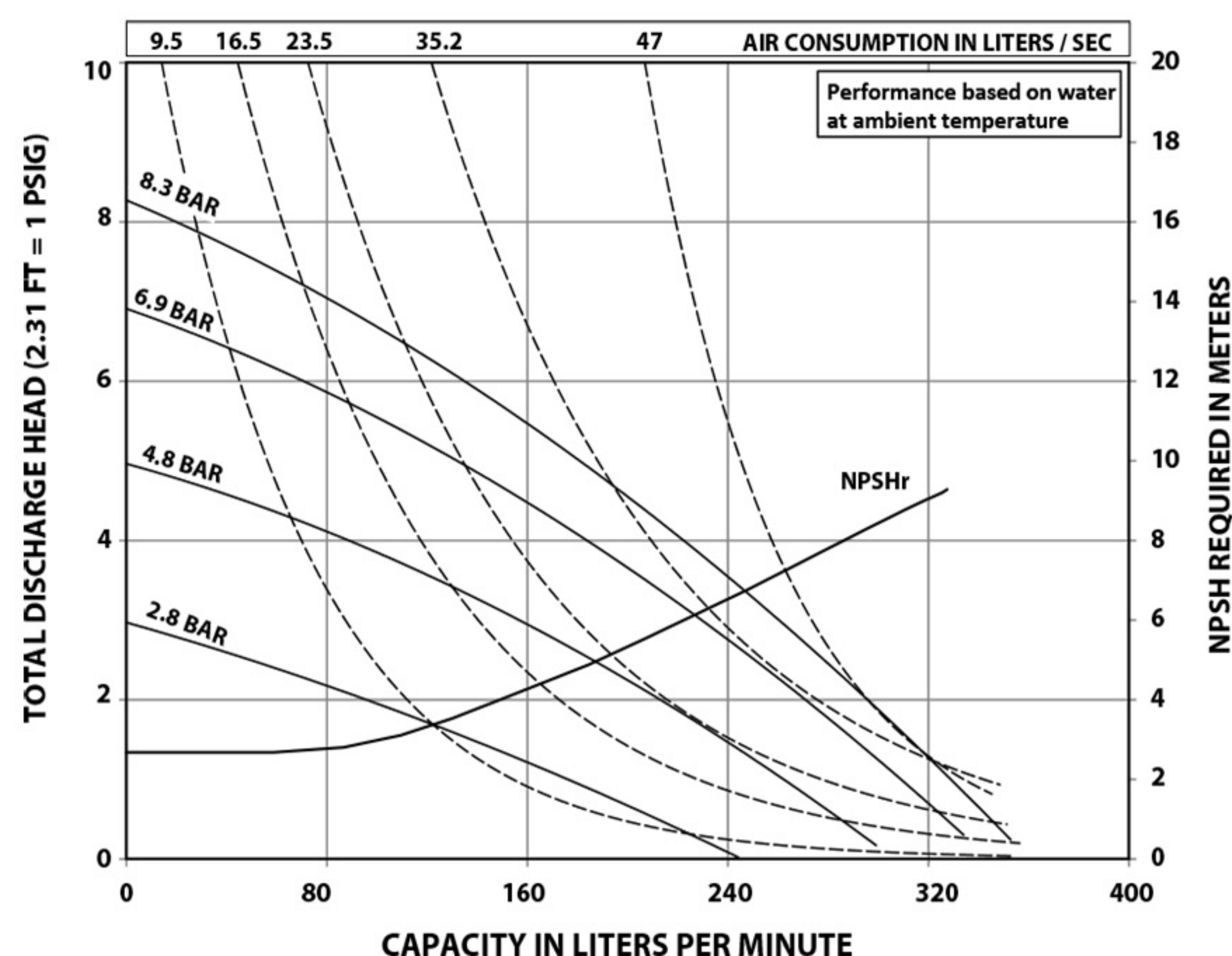
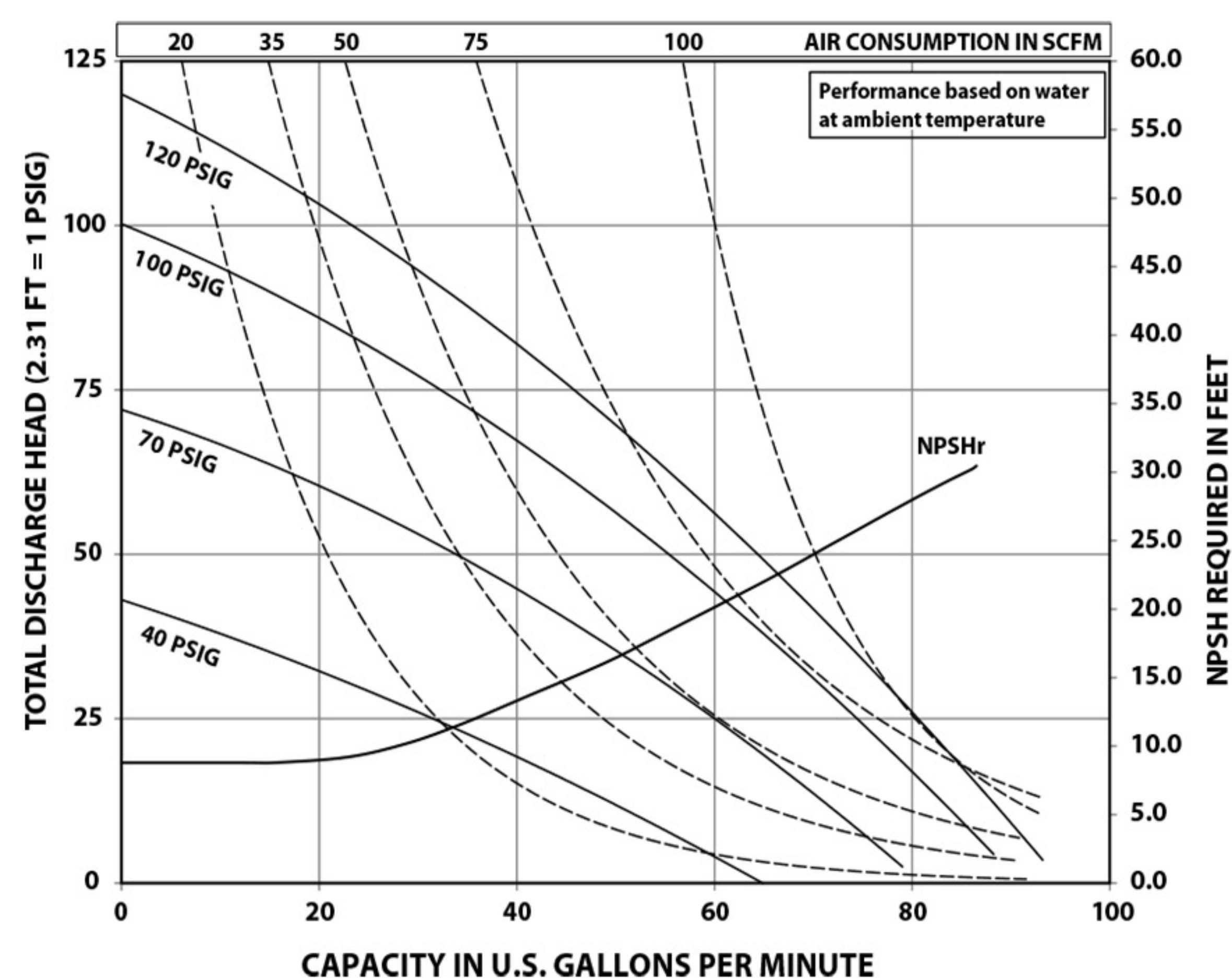


DIMENSIONS

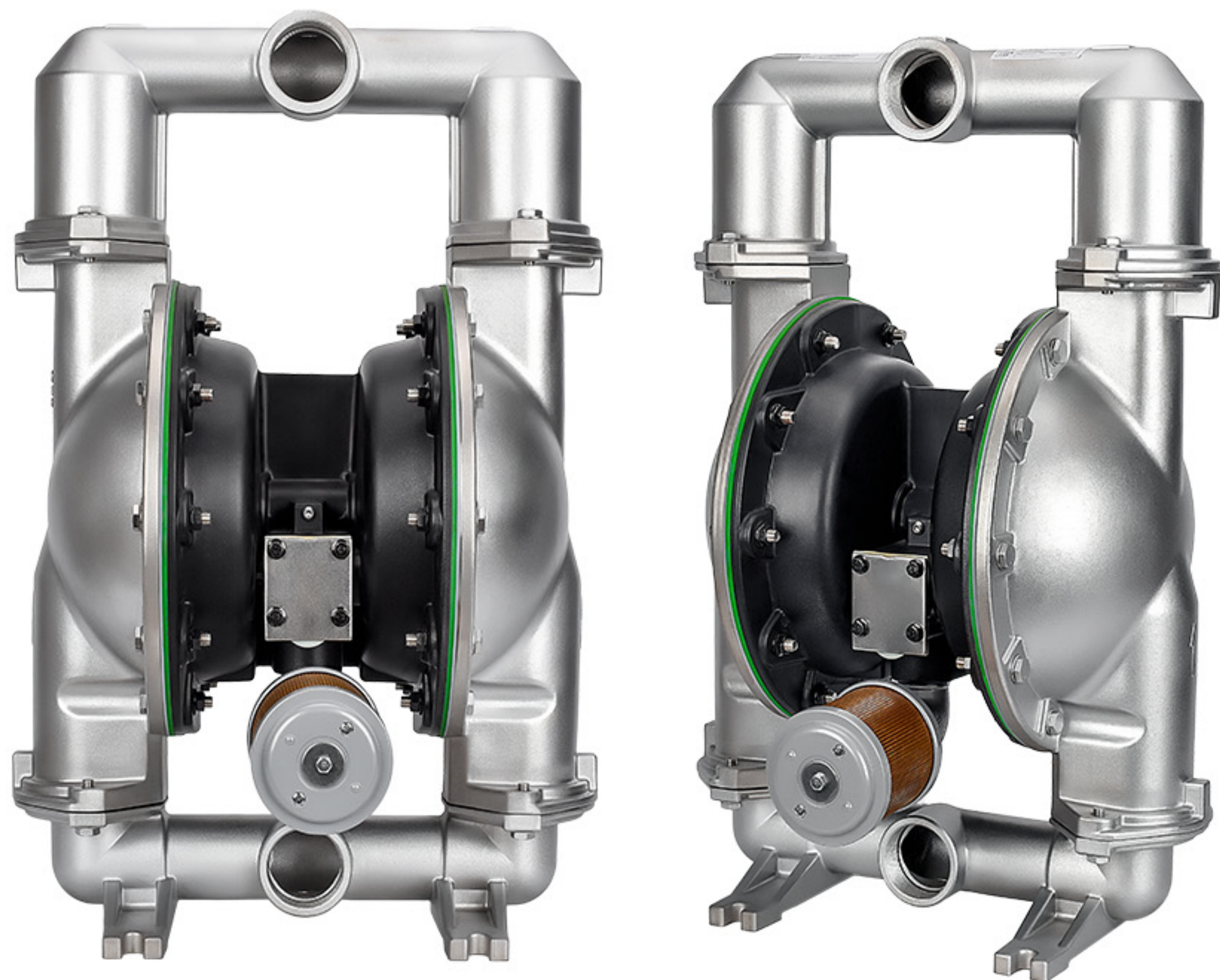
A - 13-1/8" (333 mm)	E - 1/2" (14 mm)	J - 12" (305 mm)
B - 18-3/8" (467 mm)	F - 11-1/2" (292 mm)	K - 7-5/8" (194 mm)
C - 9" (229 mm)	G - 19-5/8" (498 mm)	L - 14-13/16" (376 mm)
D - 2-3/4" (70 mm)	H - 10-3/4" (273 mm)	

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



Performance based on an elastomeric fitted pump, flooded suction with water at ambient conditions. Due to varying materials of construction, assembly configurations and operating conditions, published data is for reference only.

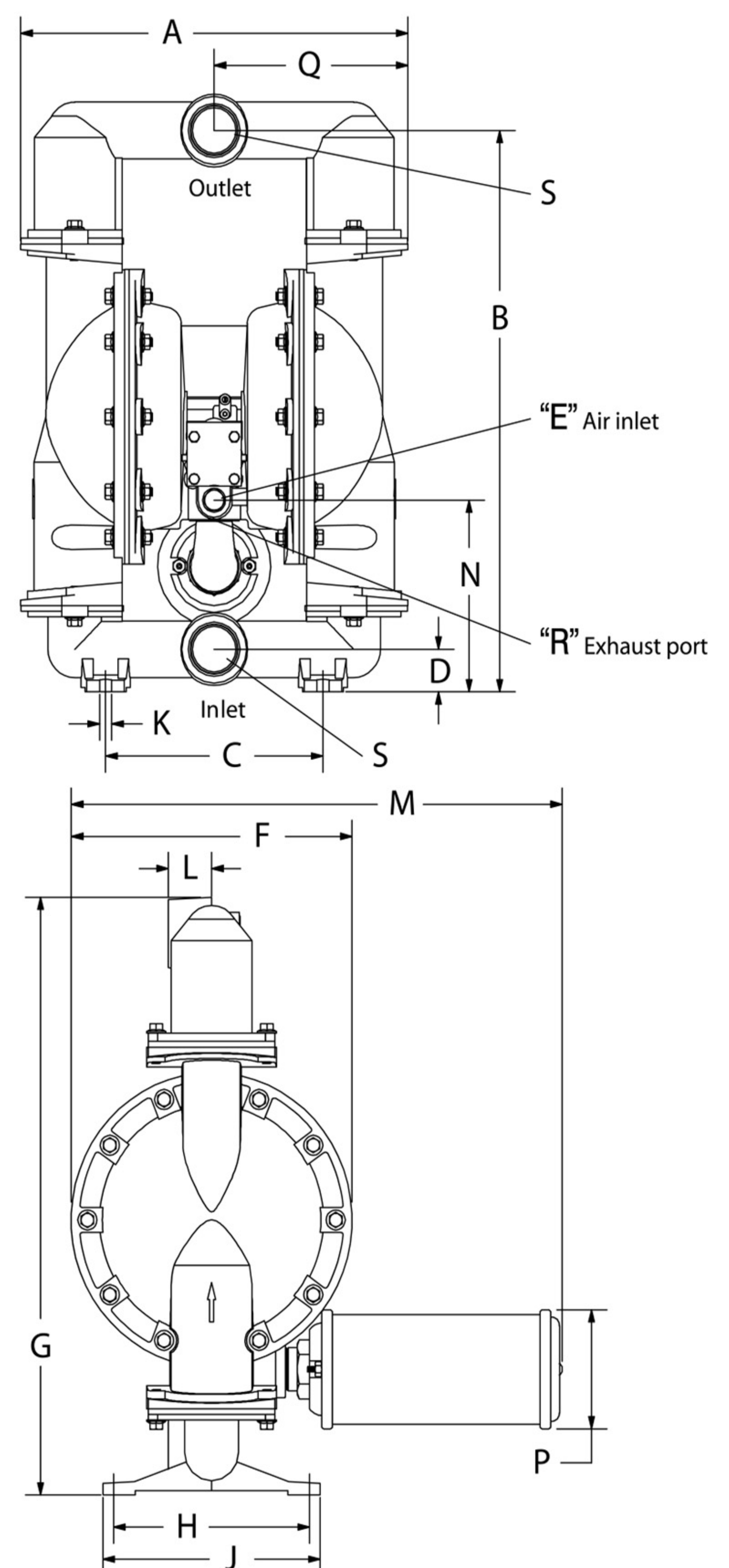


2" STAINLESS STEEL DIAPHRAGM PUMP

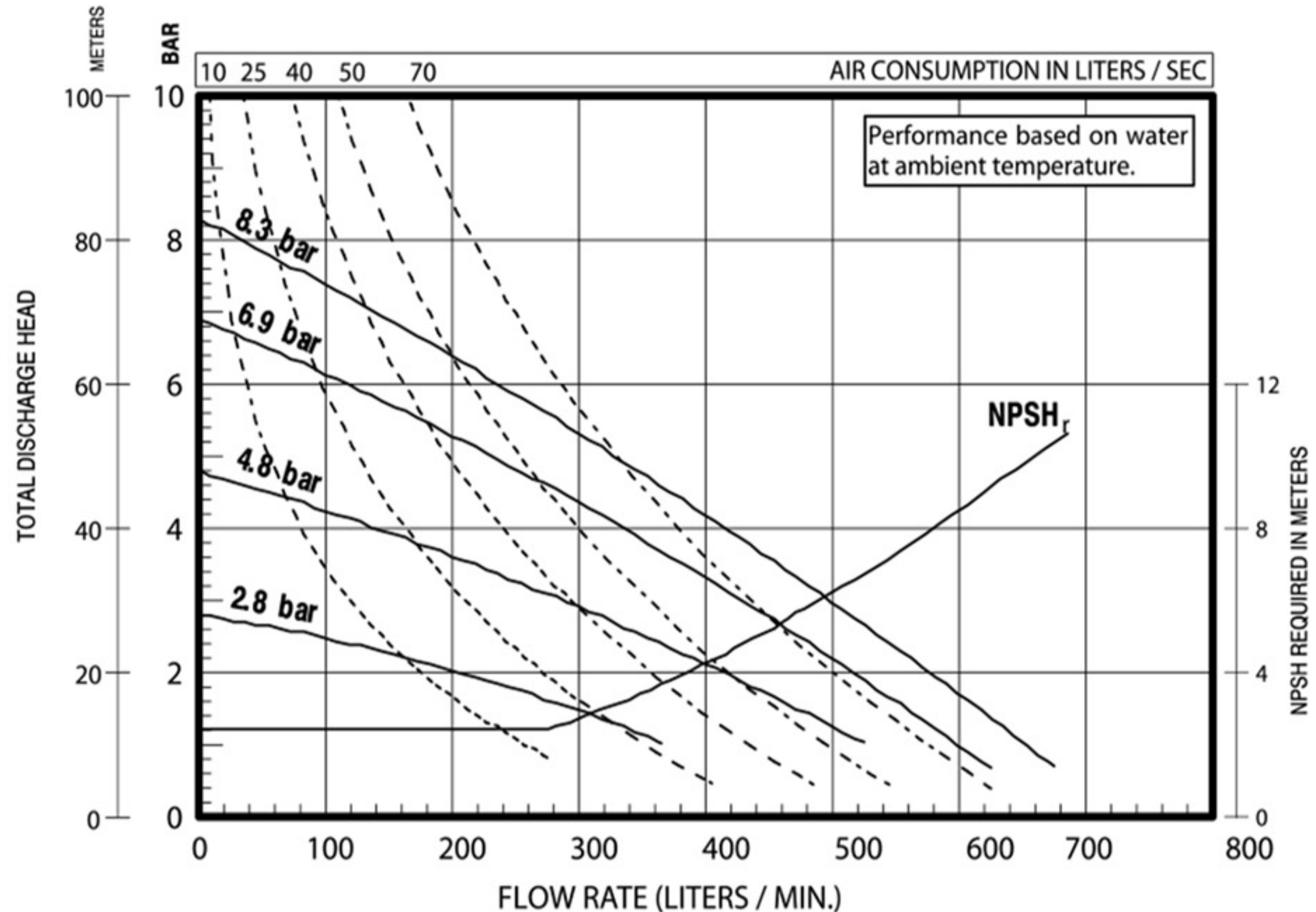
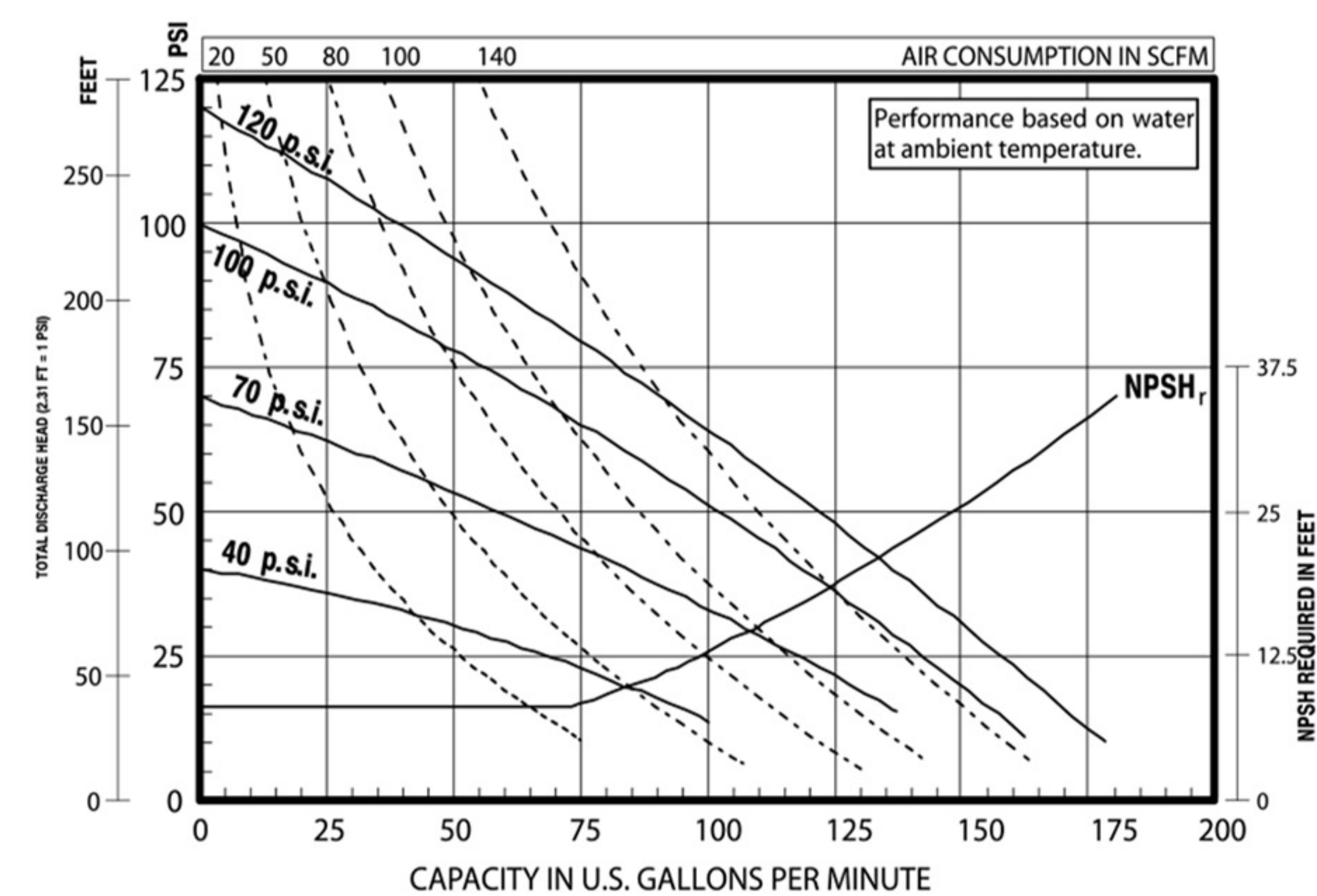
As part of our diaphragm pump series, our 2 inch metallic pumps feature high performance in a compact size. They offer a maximum flow rate of 172 gallons per minute (651 liters per minute) and come with various material and port configurations.

- MAX.FLOW (LPM): **651(LPM)**
- MAXIMUM DRY SUCTION LIFT FT : **27.2M/WET 8.3M/DRY**
- MAX. WORKING PRESSURE: **120PSI(8.3BAR)**
- FLUID INLET/OUTLET SIZE: **1-1/2" NPTF -1RP /2(2-11 BSP PARALLEL)**
- AIR INLET SIZE (INCH): **3/4"**
- MAX. PARTICLE DIAMETER : **6.4(MM)**
- PUMP BODY STRUCTURE MATERIALS: **STAINLESS STEEL**
- WEIGHT: **62KG**

2" Metallic Dimensions and Flow Charts



PERFORMANCE CURVES

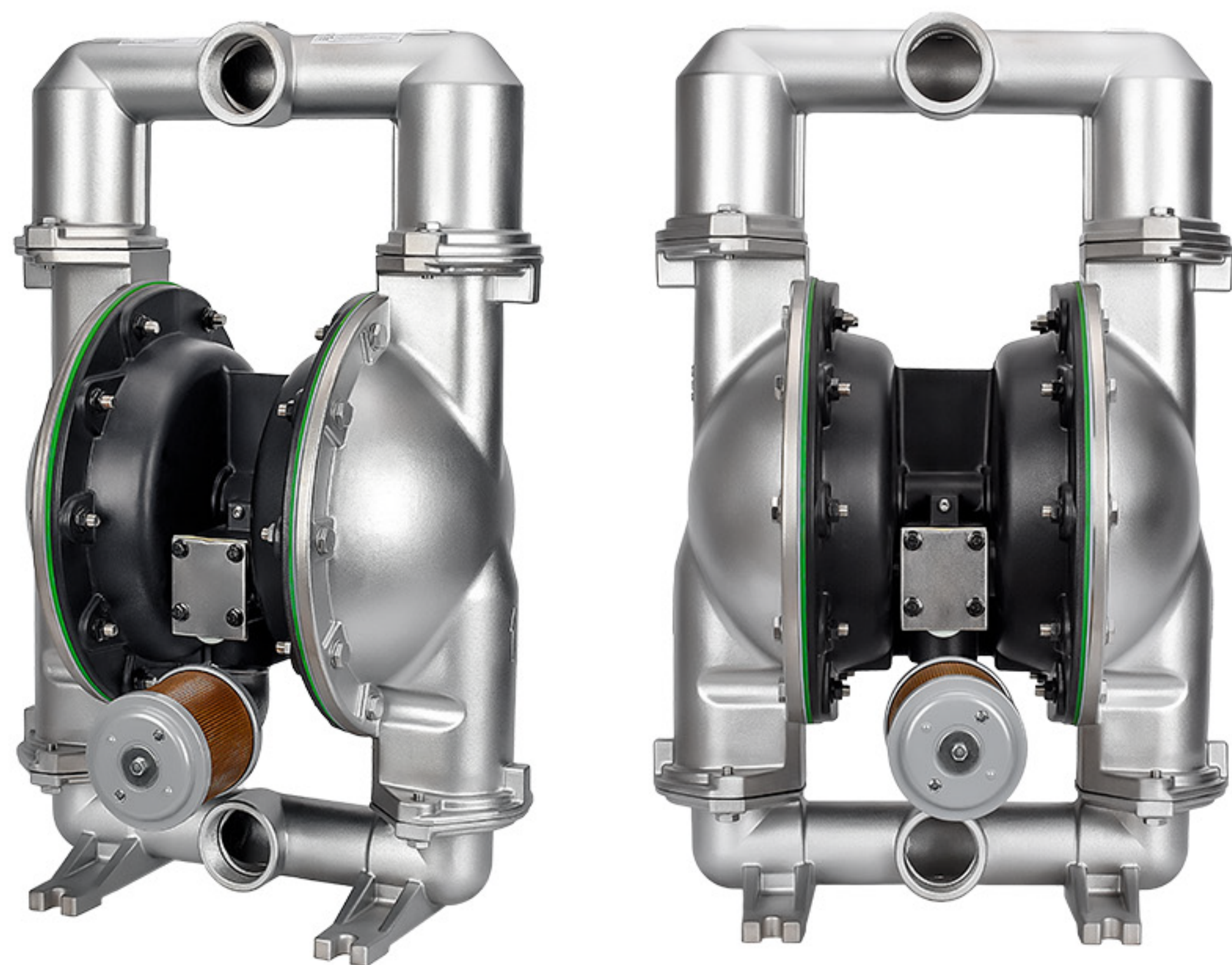


DIMENSIONS

A	17-15/16" (455.1 mm)	G	26-3/8" (669.5 mm)	N	8-15/32" (214.6 mm)
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 - 11-1/2 N.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" (577.3 mm)		

Performance based on an elastomeric fitted pump, flooded suction with water at ambient conditions. Due to varying materials of construction, assembly configurations and operating conditions, published data is for reference only.

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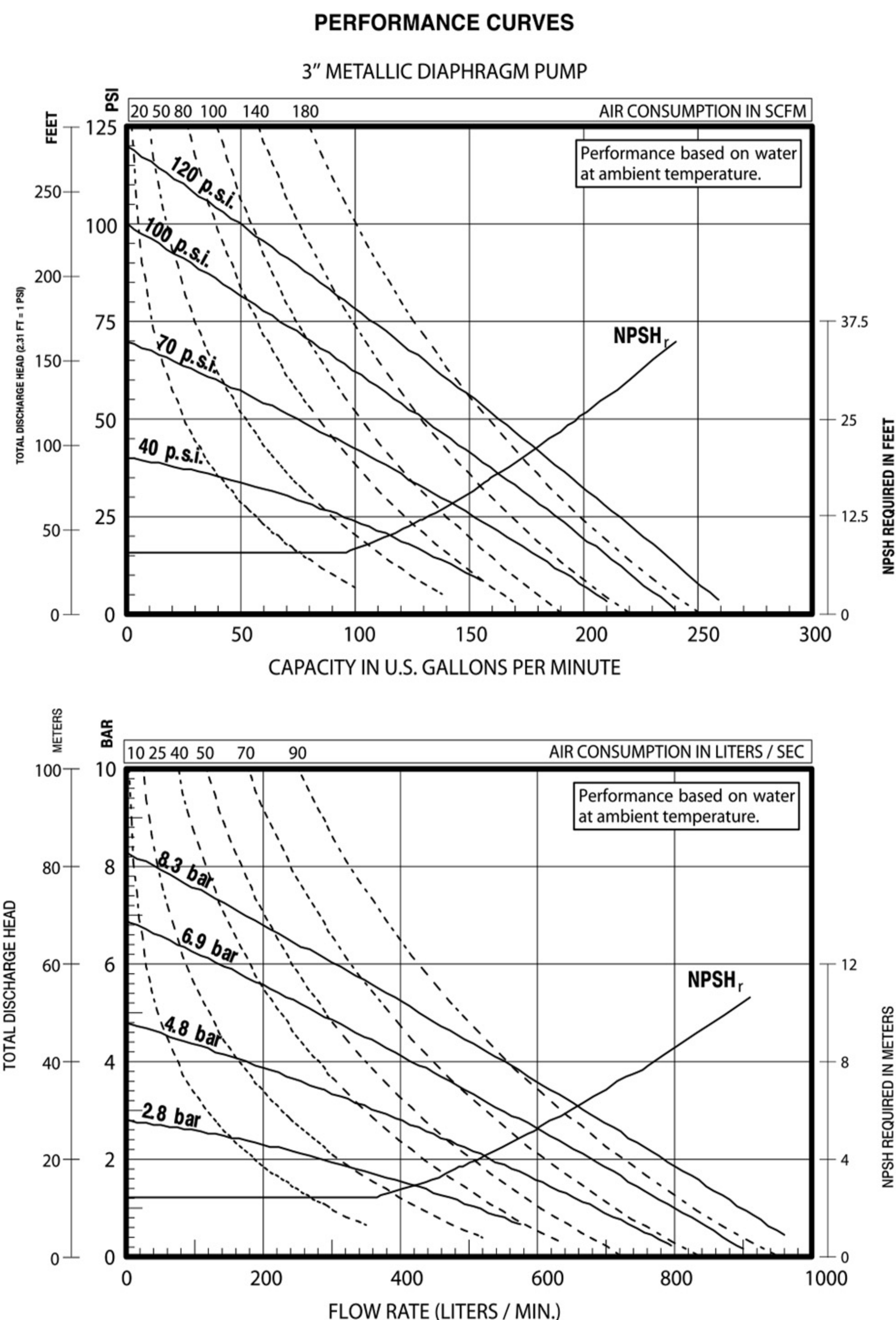


3" STAINLESS STEEL DIAPHRAGM PUMP

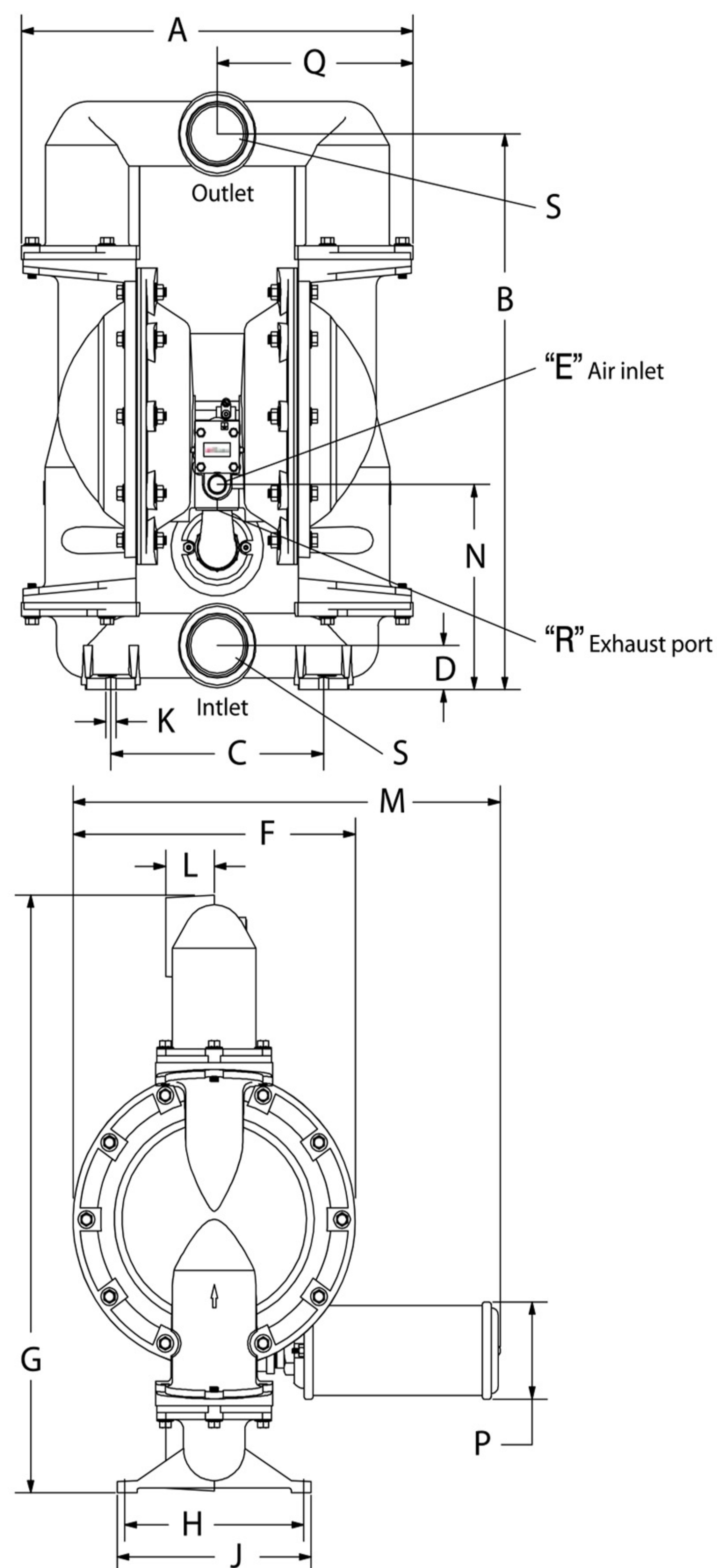
As part of our diaphragm pump series, our 3 inch metallic pumps feature high performance in a compact size. They offer a maximum flow rate of 237 gallons per minute (897 liters per minute) and come with various material and port configurations.

- MAX.FLOW (LPM): **897(LPM)**
- MAXIMUM DRY SUCTION LIFT FT : **17.6M/WET 5.4M/DRY**
- MAX. WORKING PRESSURE: **120PSI(8.3BAR)**
- FLUID INLET/OUTLET SIZE: **3-8 NPTF- 1RP 3(3- 11 BSP PARALLEL)**
- AIR INLET SIZE (INCH): **3/4"**
- MAX. PARTICLE DIAMETER : **9.5(MM)**
- PUMP BODY STRUCTURE MATERIALS: **STAINLESS STEEL**
- WEIGHT: **120KG**

3" Metallic Dimensions and Flow Charts



Performance based on an elastomeric fitted pump, flooded suction with water at ambient conditions. Due to varying materials of construction, assembly configurations and operating conditions, published data is for reference only.



DIMENSIONS

A	22-7/32" (563.9 mm)	G	32-9/32" (819.8 mm)	N	11-3/32" (281.4 mm)
B	30" (762.0 mm)	H	10-5/32" (258.0 mm)	P	5-1/4" (133.4 mm)
C	12-1/16" (306.4 mm)	J	11" (279.4 mm)	Q	11-1/8" (281.9 mm)
D	2-3/8" (60.3 mm)	K	9/16" (14.3 mm)	R	1-1/4 - 11-1/2 N.P.T.F. - 1
E	3/4 - 14 N.P.T.F. - 1	L	2-3/4" (69.9 mm)	S	(see below)
F	16" (406.4 mm)	M	24-7/16" (620.7 mm)		