

**1" CAST IRON AIR OPERATED DOUBLE DIAPHRAGM PUMP**

Rev.A

Model: DP11-25BIXXXXXX

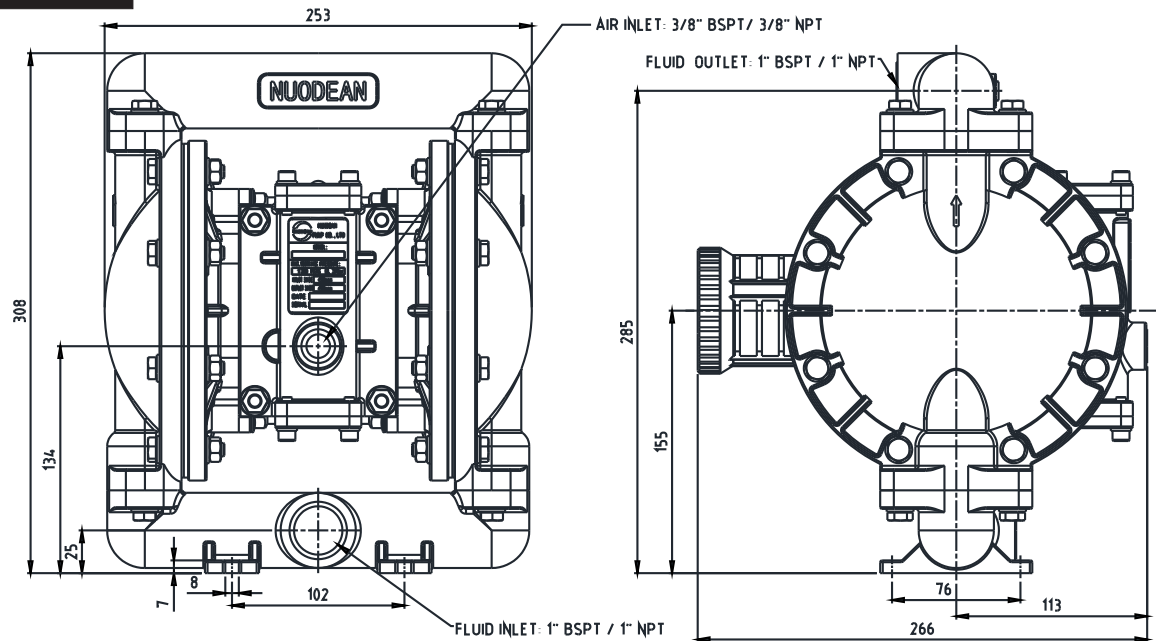
◆SPECIFICATIONS:**Air Inlet(Female):** 3/8"BSPT(3/8"NPT Available On Request)**Fluid Outlet(Female):** 1"BSPT Or 1"NPT**Fluid Inlet(Female):** 1"BSPT Or 1"NPT**Maximum Flow Rate:** 50GPM(189LPM)**Max. Operating Pressure:** 120psi(8.3bar)**Fluid Pressure Range:** 20-120psi(1.4-8.3bar)**Suspended Solids Max. Dia.:** 1/8"(3.3mm)**Maximum Dry Suction Lift:** 20feet(6.1m)**Weight:** 42 lbs(19kg)**Sound Level:** 70PSI 60 Cycles/Min 80.6db(A)**◆PRODUCT ADVANTAGES:****1. Stall-free Design.****2. Self-lubricating,lube-free and maintenance-free air system.****3. More flow and less pulsation:**Pilot Air-distribution Valve provides an positive,reliable,faster shif signal that avoids stall-out,and provides faster pump trip-over with more flow and less pulsation.**4. The use of dual ceramic dynamic seals:**More wear-resisting and to prevent & discharge pollution;Applicable to the harsh environment of air source;Long lifetime.**5. Big flow Rate:**Faster pump reversing increases flow to a certain extent.**6. Anti-icing design:**With built-in vacuum pump chamber,it is anti-icing and effectively reduces the discharge air pressure and noise from work.**◆MODEL DESCRIPTIONS & ORDERING:**

Model	DP11	-	25	B	I	X	X	X	X	X	X
	Product Series		Pump Size	Check Valve Type	Wetted Parts	Diaphragm Material	Check Valve Ball	Check Valve Seat	Center Section	Fluid Connections	Hardware

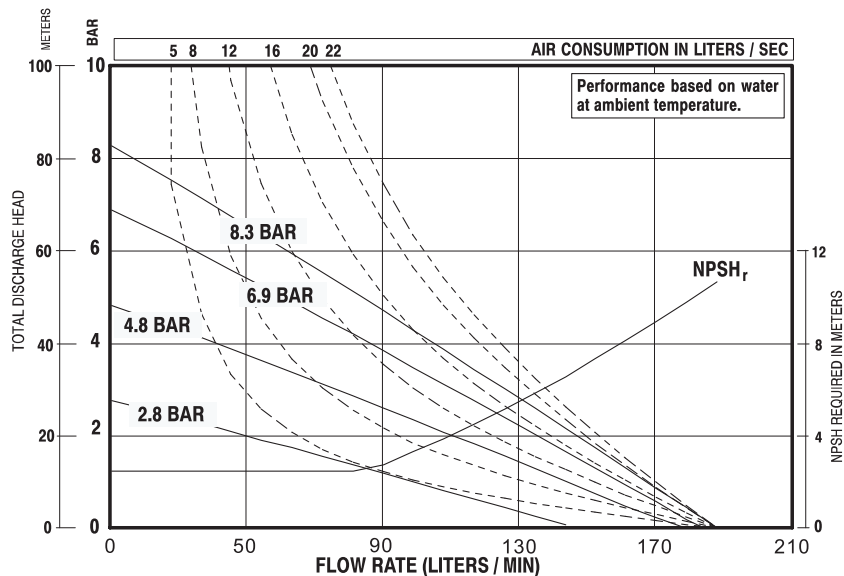
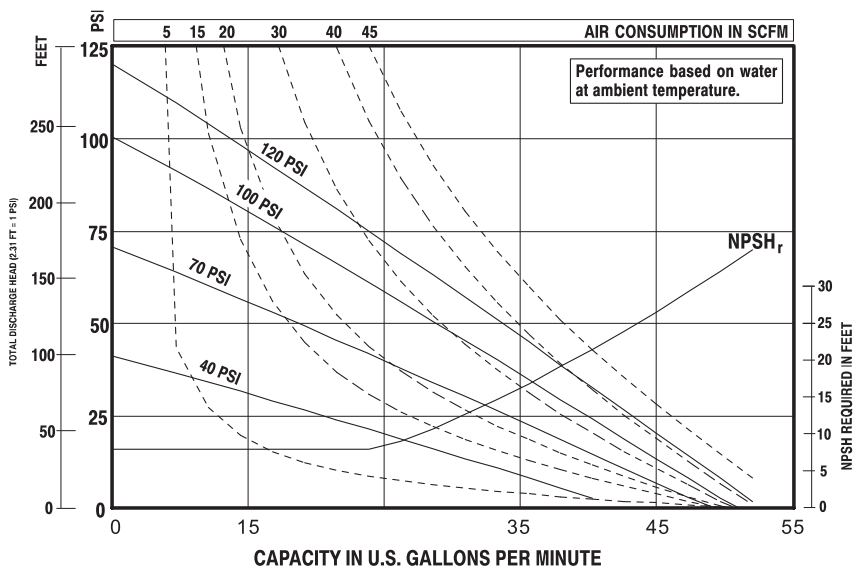
Pump Size	25-1"										
Check Valve Type	B-Ball										
Wetted Parts	A-Aluminum			I-Ductile Iron			S-Stainless Steel			H-Alloy C	
Diaphragm Material	1-Neoprene			2-Nitrile			3-Viton			4-PTFE/Santoprene	
	5-EPDM			6-Composite PTFE			7-Santoprene			8-Hytrel	
Check Valve Ball	1-Neoprene			2-Nitrile			3-Viton			4-PTFE	
	5-EPDM			6-Acetal			7-Polyurethane			8-Stainless Steel	
	9-Hytrel			B-Santoprene			A-Alumimum				
Check Valve Seat	1-Aluminum			2-316 Stainless Steel			3-Polypropylene			4-Kynar PVDF	
	5-Carbon Steel			6-Nylon			7-Hard 440 Stainless Steel				
Center Section	A-Aluminum			I-Ductile Iron			S-Stainless Steel			H-Alloy C	
Fluid Connections	N-NPT Threads			B-BSPT Threads			F-ANSI 150 Flange			G-PN16/PN10 Flange	
Hardware	C-Carbon Steel			S-Stainless Steel							
	Galvanized										



◆DIMENSIONS:



◆PERFORMANCE CURVES:



◆REPAIR/SERVE KITS:

Pump Model:

DP11-25B I ☒ ☒ XXXX

Fluid Section Service Kit:

SERVE225F-☒ ☒

Diaphragm Material

Ball Material

EXAMPLE:

If pump model: DP11-25BI74XXXX,

so fluid section service kit is:

SERVE225F-74

Air Section Service Kit:

SERVE225A