



# SDP 50 SSX

MAX DISCHARGE  
**156 Gpm (592 Lpm)**

SIZE, MATERIAL  
**2", Stainless Steel 316L**

WEIGHT  
**106Lbs**

"VALUE FOR MONEY"

## AIR OPERATED DIAPHRAGM PUMP

Stainless Steel pumps are used in applications which demand high pumping performance, combinations of hot and corrosive fluids, both acidic and alkali. They are the ultimate choice for durable long-life performance. These pumps are typically combined with highly capable and corrosion resistant diaphragms, mainly PTFE and often Viton® and Santoprene™. With these elastomers pumping benzyl diacetone, phosphoric acid, ferric sulfate, isopropyl chloride, transformer oils and similar are ideal. Great for pumping highly aggressive fluids such as aromatic or chlorinated hydrocarbons, acids, caustics, ketone and acetates.



### Diaphragm Options 'X'

- Neoprene
- Nitrile
- Santoprene™
- Hytrel®
- Viton®
- PTFE



### Approvals and Certifications

All Terryair® pumps are CE marked and manufactured under an ISO 9001:2015 Quality system - SGS

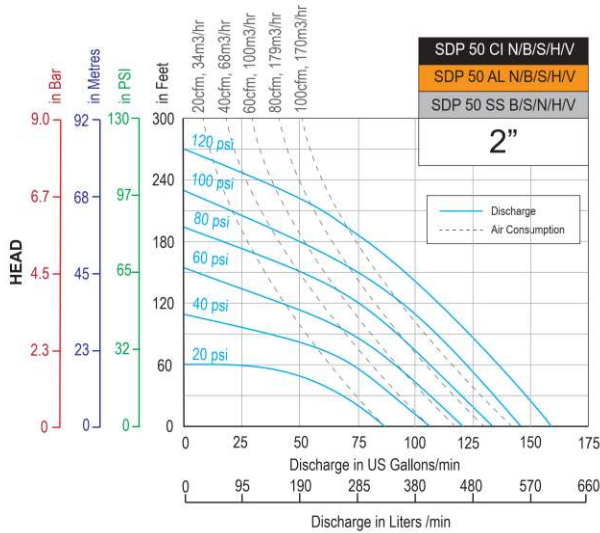


### Versatility

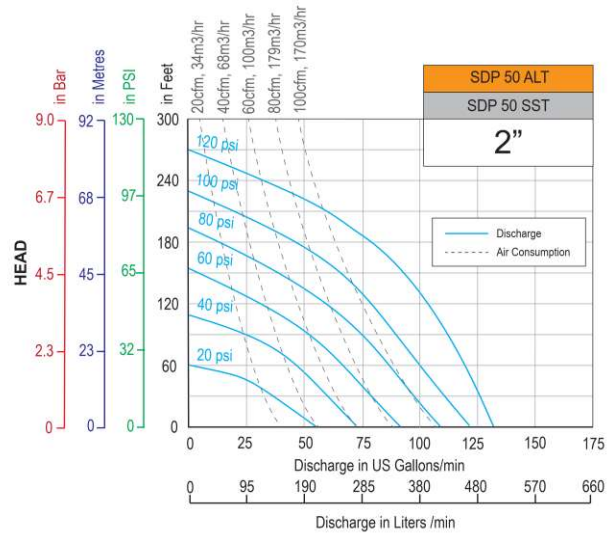
- This pump handles viscous fluids, slurries, solid laden fluids, shear sensitive fluids very well.
- No priming needed.
- No foaming of fluid pumped.
- No stall damages.
- Portable and submergible.

XX	XX	XX	X	X	X
Air Valve Type	Pump Size	Material of Construction	Material of Diaphragm	Bolted or Clamped	Threading on Inlet and Outlet
DP - Classic ADP - Advanced SDP - MaxFlo	06 - 1/4"	AL - Aluminum SS - Stainless Steel 316L PP - Polypropylene CL - Cast Iron	B - Nitrile N - Neoprene S - Santoprene™ T - PTFE V - Viton® H - Hytrel®	B - Bolted C - Clamped	R - NPT G - BSPT P - BSPP F - Flanged
	12 - 1/2"				
	15 - 1/2"				
	25 - 1"				
	40 - 1-1/2"				
	50 - 2"				
	75 - 3"				
100 - 4"					

## Performance Graphs SDP 50 SSN/SSB/SSS/SSH/SSV



## Performance Graphs SDP 50 SST



- Performance as measured pumping water at 68°F.
- For guidance on how to select a suitable pump, visit AODD pump selection guide at: [AirIndustrialWorks.com/support](http://AirIndustrialWorks.com/support)

- **\*Disclaimer:** Actual pump performance may vary depending on number of bends, suction needed and friction in length of discharge piping.

## Technical Data SDP 50SSX

	SDP 50SS Neoprene/Nitrile/Santoprene™/ Hytrell®/Viton® fitments	SDP 50SS with PTFE fitments
Maximum Discharge	156 gallons/min (592 liters/min)	124 gallons/min (471 liters/min)
Suction Head Dry	22 feet (6.7 meters)	15 feet (4.6 meters)
Suction Head Wet	28 feet (8.5 meters)	31 feet (9.5 meters)
Pump Weight	106 lbs (48 kgs)	106 lbs (48 kgs)
Max Solid Passage	1/4" (6.4 mm)	1/4" (6.4 mm)
Air Distribution System	SDP MaxFlo, MOC aluminium, acetal and CFT seals	SDP MaxFlo, MOC aluminium, acetal and CFT seals
Balls / Seals	Neoprene, Nitrile, Santoprene™, Hytrell® or Viton®	PTFE
Air Inlet	1/2" NPT/BSPT/BSPP	1/2" NPT/BSPT/BSPP
Fluid Inlet, Fluid Outlet	2" NPT/BSPT/BSPP	2" NPT/BSPT/BSPP