

# NIRMALA PUMPS & EQUIPMENTS

<b>DATA SHEET FOR AOD PUMP</b>	
<b>Model of Pump</b>	<b>AOD-300 SS</b>
QUANTITY	1
APPLICATIONS	Solvents, Mix Aqueous, Barrel Loading – Unloading Transfer Application
Max. Capacity	105 LPM
Air Pressure	8-8.6 bar
LIQUID Inlet / Outlet	1"
Air Inlet	3/8"
<b>PUMP DESCRIPTION</b>	
Pump Model	AOD-300 SS
Make	<b>NIRMALA</b>
Type	Air Operated Diaphragm Pump
Suction Size	1"
Discharge Size	1"
Connection	BSP Threaded
Diaphragm	PTFE Diaphragm
NRV Ball	PTFE Ball
Pump Weight	19.5 Kg
<b>MATERIALS</b>	
Wetted Parts	SS 316
Outer Piston	SS 316
Center Piston	MS Powder Coated
Air Valve Assembly ( Non Wetted)	Polypropylene / Aluminium
Diaphragm	PTFE Diaphragm With Sentoprene Backup
Valve Ball	PTFE
Valve Seat (Check Valve)	SS 316
O Ring	PTFE
<b>PERFORMANCE</b>	
Suction Lift Dry	3.05 mtrs (10')
Suction Lift Wet	4.89 mtrs (16')
Maximum Flow Rate	105 LPM
Maximum Size Solids	3.17 mm (0.125")
Maximum Air Pressure	8.06 bar
Air Inlet	9.53mm ( 3/8")
Liquid Inlet	25.40 mm (1")
Liquid Outlet	25.40 mm (1")