

# NIRMALA PUMPS & EQUIPMENTS

<b>ANNEXTURE</b>	
<b>Model of Pump</b>	<b>AOD-300 PVDF</b>
QUANTITY	1
APPLICATIONS	Bromine , High Temperature Abrasives 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 PVDF
Make	<b>NIRMALA</b>
Type	Air Operated Diaphragm Pump
Suction Size	1"
Discharge Size	1"
Flange Connection	BSP Threaded/Flange as per ASA-150
Diaphragm	PTFE Diaphragm
NRV Ball	PTFE Ball
Pump Weight	9.5 Kg
<b>MATERIALS</b>	
Wetted Parts	PVDF
Outer Piston	PVDF
Centre Piston	MS Epoxy Coated
Air Valve(Non-Wetted Parts)	PP
Diaphragm	PTFE Diaphragm with Sentoprene Backup
Valve Ball	PTFE
Valve Seat	PVDF
O Ring	PTFE
<b>PERFORMANCE</b>	
Suction Lift Dry	3.05 mtr (10')
Suction Lift Wet	4.89 mtr (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")