

# NIRMALA PUMPS & EQUIPMENTS

<b>ANNEXTURE</b>	
<b>Model of Pump</b>	<b>AOD-300 PP</b>
QUANTITY	1
APPLICATIONS	Acids , Barrel Loading – Unloading 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 PP
Make	<b>NIRMALA</b>
Type	Air Operated Diaphragm Pump
Suction Size	1"
Discharge Size	1"
Connections	BSP Threaded/ Flange ASA-150 standard
Diaphragm	PTFE Diaphragm
NRV Ball	Teflon Ball
Pump Weight	7.2 Kg
<b>MATERIALS</b>	
Wetted Parts	Polypropylene
Outer Piston	Polypropylene
Centre Piston	MS Powder Coated
Air Valve(Non-Wetted Parts)	Polypropylene
Diaphragm	PTFE Diaphragm with Sentoprene Backup
Valve Ball	PTFE
Valve Seat	Polypropylene
O Ring	PTFE/Neoprene
<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")