

AODD PUMPS

AIR-OPERATED DOUBLE DIAPHRAGM PUMPS

BA100 (1" PT)

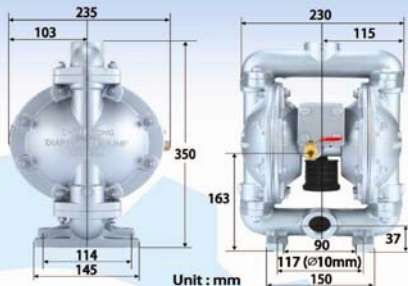
Applications

Ceramic & Clay
Oil & Gas
Chemical
Pulp & Paper
Print & Ink
Food & Beverage
Petrochemical
Mining
Paint & Coatings
Automotive
Construction
Water & Wastewater treatment
Semiconductor & Electrical



PUMPS FEATURE

- 01 · Variable speed and pressure.
- 02 · No rotating parts (or ball bearing).
- 03 · No mechanical seals.
- 04 · Explosion proof.
- 05 · Completely portable.
- 06 · Run dry without danger or damage.
- 07 · No bypass piping required.
- 08 · Easy control.
- 09 · Not generate heat.
- 10 · Ideal for shear sensitive materials.
- 11 · Dry, self-priming suction.
- 12 · Operating temperature up to 130°C.
- 13 · Outlet can be closed without damage.
- 14 · Handles highly corrosive fluids.
- 15 · Can be pressure pump for filter work in handling wastewater.
- 16 · Handles abrasive and high viscosity fluids.
- 17 · No efficiency loss due to change pressure or flow.
- 18 · Pumping low density dry powders, such as talcum powder, fumed silica.
- 19 · Handles non-abrasive but highly corrosive fluids.

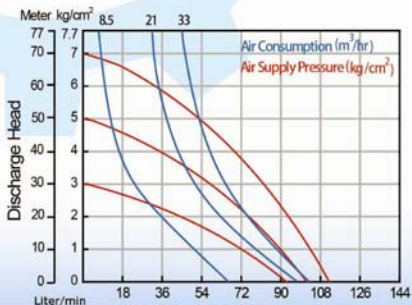


PROPER MATERIAL FOR LIQUID TRANSPORTATION

Diaphragm Material	Wetted Body	
	Aluminium Alloy	Stainless Steel
Neoprene	sea water, glaze, ceramic	wastewater, lime
NBR	lubricant, heavy oil	printing ink, resin
Teflon (PTFE)	toluene, wintergreen oil, trichloroethane	nitrate
EPDM	dichloromethane	alcohol, lactic acid, soybean oil
VITON	asphalt	turpentine

Wetted Body	Aluminium Alloy (A)	Stainless Steel 316 (S)				
Diaphragm	Neoprene (C)	NBR (N)	Teflon (PTFE) (T)	EPDM (E)	VITON (V)	
Valve Seat	Neoprene (C)	NBR (N)	Teflon (PTFE) (T)			
Ball Valve	Neoprene (C)	NBR (N)	Teflon (PTFE) (T)	EPDM (E)	VITON (V)	Stainless Steel 316 (S)

- Air Supply don't exceed 8 kg/cm²
- Air Inlet 1/4" PT
- Discharge Outlet 1" PT
- Suction Inlet 1" PT
- Sauction Lift 6 m
- Max. Size solid 1.5 mm
- Wight-Aluminium Alloy Body 9 kg
- Wight-Stainless Steel Body 15 kg



The Discharge Quantity of Teflon (PTFE) Diaphragm -20%

AODD PUMPS

AIR-OPERATED DOUBLE DIAPHRAGM PUMPS

BA150 (1 $\frac{1}{2}$ " PT) **NEW**

Applications

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Oil & Gas

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Pulp & Paper

Print & Ink

Food & Beverage

Petrochemical

Mining

Paint & Coatings

Automotive

Construction

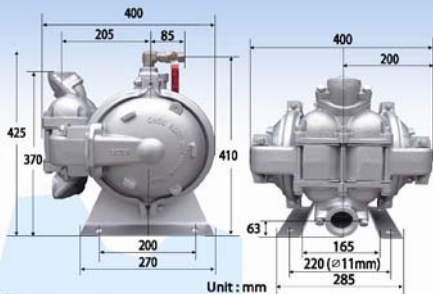
Water & Wastewater treatment

Semiconductor & Electrical



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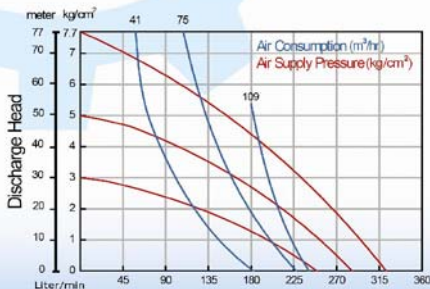
Unit : mm

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Diaphragm Material	Wetted Body	
	Aluminium Alloy	Stainless Steel
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EPDM	dichloromethane	alcohol, lactic acid, soybean oil
VITON	asphalt	turpentine

Wetted Body	Aluminium Alloy (A)	Stainless Steel 316 (S)				
Diaphragm	Neoprene (C)	NBR (N)	Teflon (PTFE) (T)	EPDM (E)	VITON (V)	
Valve Seat	Neoprene (C)	NBR (N)	Teflon (PTFE) (T)			
Ball Valve	Neoprene (C)	NBR (N)	Teflon (PTFE) (T)	EPDM (E)	VITON (V)	Stainless Steel 316 (S)

Air Supply don't exceed	8 kg/cm ²
Air Inlet	1 1/2" PT
Discharge Outlet	1 1/2" PT
Suction Inlet	1 1/2" PT
Sauction Lift	6 m
Max. Size solid	7 mm
Wight-Aluminium Alloy Body	30 kg
Wight-Stainless Steel Body	42 kg



1 1/2" BA150 Water Discharge

The Discharge Quantity of Teflon (PTFE) Diaphragm -20%