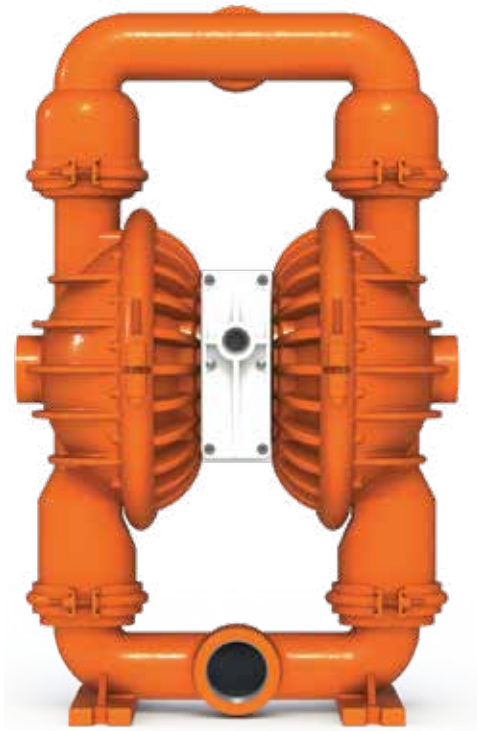
Roto pumps
since 1968

WE COMPETE
WITH ONLY
ONE PUMP

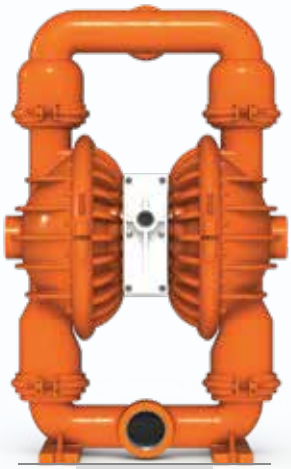


Air Operated Double Diaphragm Pumps

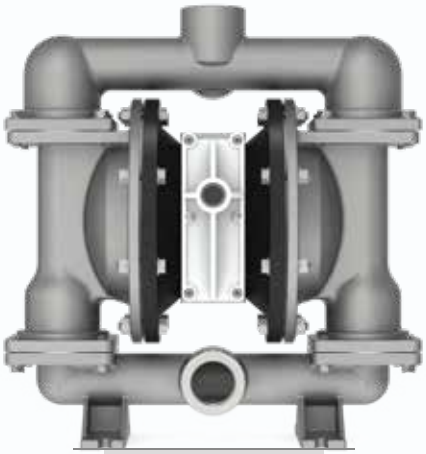
Harnessing the Power of Air

Air Operated Double Diaphragm Pumps

PP / PVDF



Aluminium



Stainless Steel

Roto's range of air operated double diaphragm pumps are positive displacement pumps, driven by compressed air rather than an electric motor. Roto AODD Pumps are corrosion-resistant and are used to handle fluids with low to medium viscosity, including aggressive chemicals and liquids with high solids content. These innovative pumps are an ideal choice for meeting your demands for high efficiency and low maintenance costs.

Features and Benefits

- Low noise
- Low vibrations
- Excellent abrasive liquid resistance
- Very compact design
- Up to 35% lower air consumption
- Operating in each position
- Dry running capability
- Low maintenance cost
- High stroke frequency i.e. low liquid pulsation
- Material choice for machined pump body
- Standard PTFE/Rubber backup diaphragm

Accessories

- Liquid level controllers
- Air preparation
- Hoses
- Valves

Perfomance Summary

Series	Polypropylene/PVDF	Stainless steel 316	Aluminium
Max. Pressure (Bar)	8	8	8
Max. Suction Lift Dry (m)	3	3	3
Max. Suction Lift Wet (m)	7	7	7
Max. Temp. Pump (Deg C)	100	100	100
Max. Viscosity (CST)	10000	10000	10000

Material Options Summary

PUMP HOUSING	SIZE	BOLTED (B) / CLAMPED (C)	DIAPHRAGM	NRV BALL	MAX. FLOW (LPM)	MAX. SOLID SIZE (MM)
POLYPROPYLENE	1/2"	B	TEFLON / NEOPRENE / SANTOPRENE	TEFLON	55	1.6
	1"	B		TEFLON/ NEOPRENE	133	3.7
	1.5"	B			450	4.8
		C				
	2"	B			700	6.4
		C				
	3"	B	TEFLON / SANTOPRENE		1000	12
PVDF	1/2"	B	TEFLON	TEFLON	55	1.6
	1"				133	3.7
	1.5"				450	4.8
	2"				700	6.4
SS316	1/2"	C	TEFLON	TEFLON	55	1.6
	1"	B			133	3.7
	1.5"				450	4.8
	2"				700	6.4
	3"				1000	12
ALUMINIUM	1/2"	B	TEFLON / BUNA	TEFLON	55	1.6
	1"		TEFLON / BUNA / SANTOPRENE	TEFLON/ BUNA/NEOPRENE	133	3.7
	1.5"		TEFLON / BUNA	TEFLON/BUNA	450	4.8
	2"		TEFLON/BUNA / SANTOPRENE / HYTREL	TEFLON/ BUNA/ NEOPRENE	700	6.4
	3"				1000	12

*Note:

- Other sizes are Available on Order.