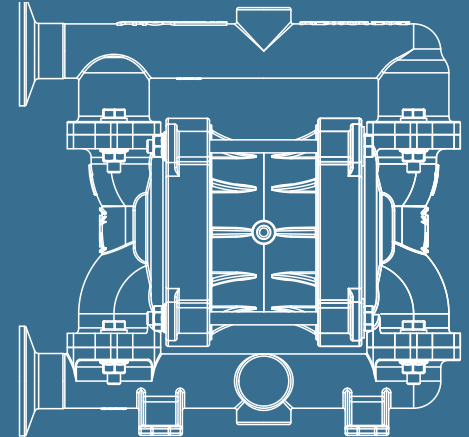
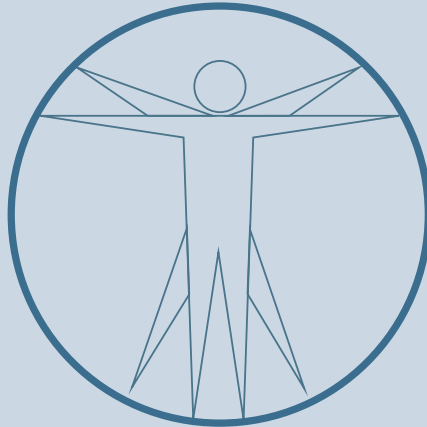
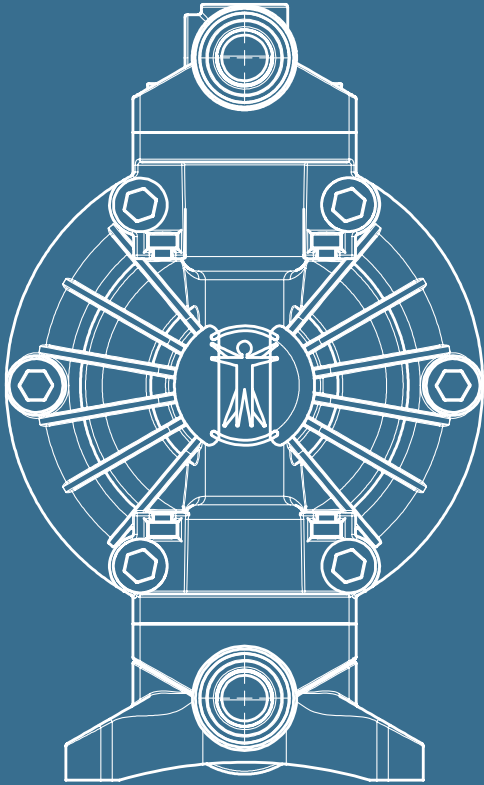


# ARGALAIR

by ARGAL



**PUMPS**  
FOR ALL TYPES  
OF LIQUIDS

*AIR-OPERATED DOUBLE-DIAPHRAGM*  
**ARGALAIR PUMPS**  
**PRODUCTION PROGRAM**

# MISTRAL

**MISTRAL** series represents the safest and most efficient pneumatic solution for heavy-industrial, dangerous and/or continuous operations.



The range came out first with the metallic version, entirely made of stainless steel, to allow the pumping of highly corrosive agents. Then the solid-block plastic version was conceived to resolve the market issue of abrasion.

- High capacities for large loadings
- Extremely robust big-size AODD solutions
- 5-component air distributor system
- Non-icing valve system
- Corrosion and abrasive-resistant materials
- Auto-lubricating and anti-friction ADS\*
- Easy installation and maintenance
- Ideal for solid handling (up to 13 mm)
- Internal or external installation
- Upon request: ATEX Zone 1\*\*

\* Air Distribution System

\*\* Zone 1 (II 2G Ex h IIB T4 Gb X | II 2D Ex h IIB T135°C Db X)

## MATERIALS

Body materials	1	• AISI 316L • PE1000
Diaphragms	2	• EPDM • NBR • EPDM+PTFE • NBR+PTFE
Valve balls	3	• EPDM • NBR • PTFE • AISI 316L
Valve seats & cage	4	• POLYURETHANE • PE1000 • PVDF • AISI 316L
O-ring	5	• EPDM • NBR • FKM • PTFE

	AISI 316L	PE1000
Working temperature (max)	100°C	70°C

## MADE FOR HEAVY-INDUSTRIAL OPERATION



*MISTRAL solid pump 3" for ceramic production plant (Italy)*



*MISTRAL pump 4" for silice extraction (Italy)*



*MISTRAL pump 3" for brine circulation, offshore platform (Asia)*

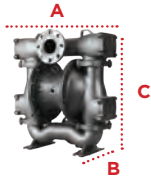
- **Offshore platforms**  
waste, brine, mud, seawater
- **Chemical processes**  
strong acids, concentrated acids, cleaning solutions
- **Construction processes**  
cement mixing loading/unloading
- **Metal and mineral treatments**  
liquid extraction, cleaning solution circulation

bar

Air pressure

NI/min

Air consumption



Dimensions

## DDM 300 (3")

TECHNICAL DATA	
Fluid connections	3" DN80
Air connections	3/4" F NPT
Max flow rate	1100 l/m'
Max air pressure	8 bar
Displacement/cycle	96
Max size solids	11 mm

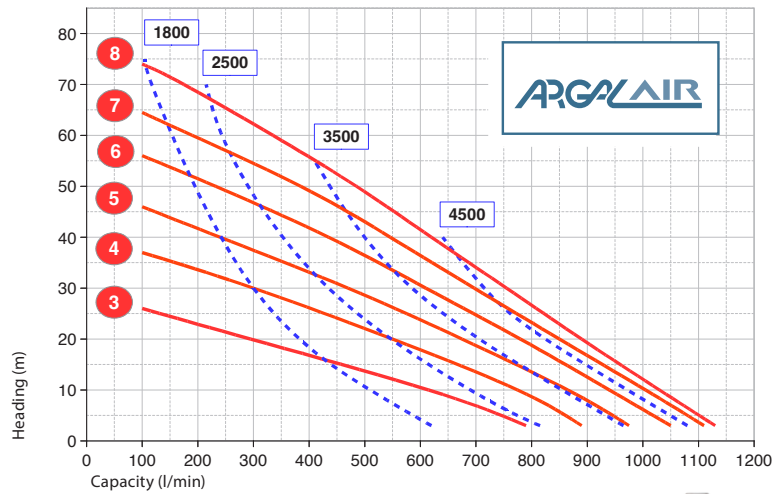
DIMENSIONS (mm)	
AISI 316L	A 624 B 435 C 815

\*with muffler: 570 mm

### MATERIALS

AISI 316 L

PE 1000



## DDM 400 (4")

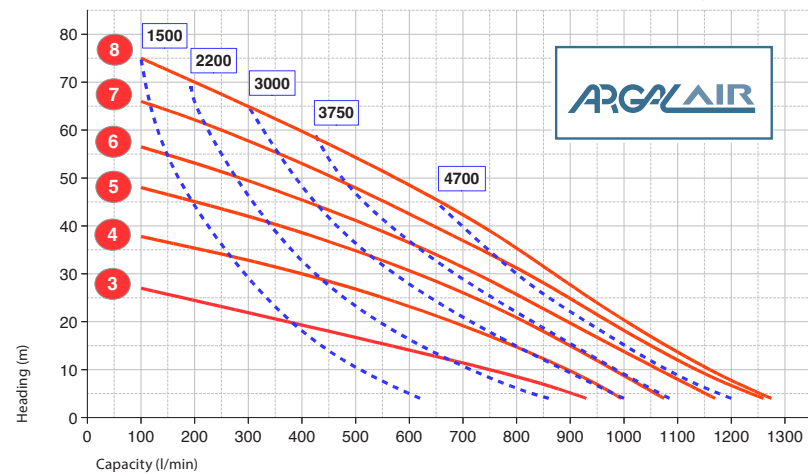
TECHNICAL DATA	
Fluid connections	4" DN100
Air connections	3/4" F NPT
Max flow rate	1280 l/m'
Max air pressure	8 bar
Displacement/cycle	96
Max size solids	13 mm

DIMENSIONS (mm)	
AISI 316L	A 725 B 435 C 815

\*with muffler: 570 mm

### MATERIALS

AISI 316 L



ARGAL



**MECH-SEALED  
& MAG-DRIVEN  
CENTRIFUGAL  
PUMPS**

**AODD  
PUMPS**

**SELF-PRIMING  
PUMPS**



**VERTICAL SUMP  
PUMPS**

cod. 01-22 • EN

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