

# ASTRA COMPACT

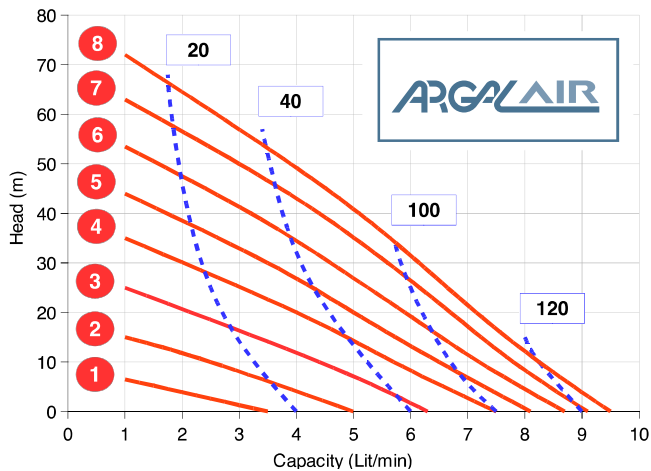
## DDA 25-09



PP +60° 5 0,7 Kg + 0,1 Kg  
 Pump Packaging

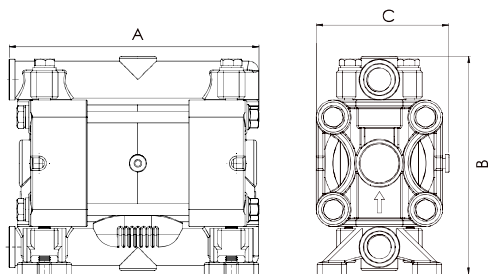
POMc +80° 10° 0,8 Kg + 0,1 Kg  
 Pump Packaging

PVDF +80° 10° 0,8 Kg + 0,1 Kg  
 Pump Packaging



bar Air Pressure main supply    NI/min Air consumption

TECHNICAL DATA	
Fluid connections	¼" BSP • NPT*
Air connection	4 mm
Max flow rate	9 l/m'
Max air pressure	8 bar
Max delivery head	80 mca
Max suction lift dry	3 mca
Max suction lift wet	9,8 mca
Max size solids	2,5 mm
Noise level	62 dB(A)
Max viscosity	6.000 cPs



DIMENSIONS (mm)	
PP	A 129 B 112 C 68
PVDF	A 129 B 112 C 68
POMc	A 129 B 112 C 68

COMPOSITION	
Wetted parts	• PP • PVDF • POMc
Diaphragms	• NBR+PTFE
Valve Balls	• PTFE • AISI 316
Valve Seats	• PP • PVDF • POMc
Gaskets	• EPDM • VITON • NBR • PTFE

Connections scheme page 28

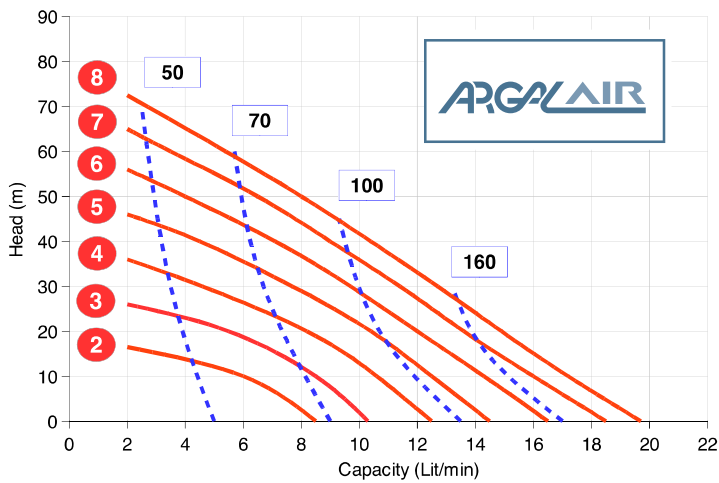
\* Optional

# ASTRA COMPACT

## DDA 38-18



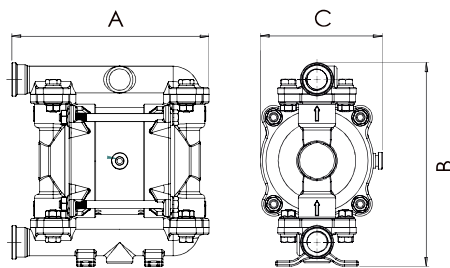
 <b>Pump Packaging</b>	 <b>Pump Packaging</b>	 <b>Pump Packaging</b>	 <b>Pump Packaging</b>
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Air Pressure main supply      Air consumption

TECHNICAL DATA	
Fluid connections	3/8" BSP • NPT*
Air connection	6 mm
Max flow rate	18 l/m'
Max air pressure	8 bar
Max delivery head	80 mca
Max suction lift dry	6 mca
Max suction lift wet	9,8 mca
Max size solids	3 mm
Noise level	65 dB(A)
Max viscosity	12.000 cPs

DIMENSIONS (mm)	
PP	A 146 B 96 C 164
PVDF	A 146 B 96 C 164
POMc	A 146 B 96 C 164
AISI 316	A 148 B 92 C 153



COMPOSITION	
Wetted parts	<ul style="list-style-type: none"> <li>• PP • PVDF</li> <li>• POMc • AISI 316</li> </ul>
Diaphragms	<ul style="list-style-type: none"> <li>• HYTREL + PTFE</li> <li>• SANTOPRENE + PTFE</li> <li>• HYTREL</li> <li>• SANTOPRENE</li> </ul>
Valve Balls	• PTFE • AISI 316
Valve Seats	<ul style="list-style-type: none"> <li>• PP • PVDF</li> <li>• POMc • AISI 316</li> </ul>
Gaskets	<ul style="list-style-type: none"> <li>• EPDM • VITON</li> <li>• NBR • PTFE</li> </ul>

Connections scheme page 28

\* Optional

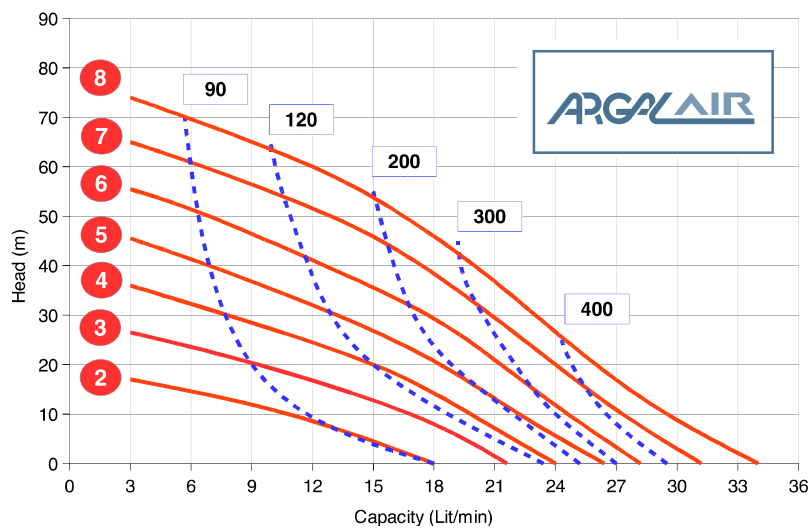
# ASTRA COMPACT

## DDA 50-30

ARGALAIR



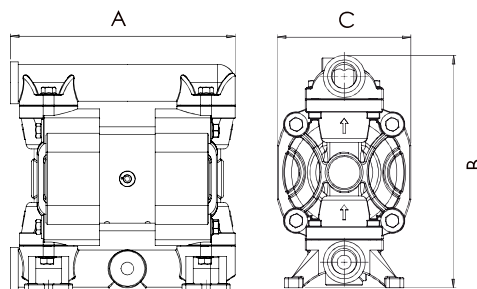
PP +60° 5 1,2 Kg + 0,2 Kg Pump Packaging
PVDF +80° 10° 1,5 Kg + 0,2 Kg Pump Packaging
POMc +80° 10° 1,5 Kg + 0,2 Kg Pump Packaging
AISI 316 +80° 10° 2,2 Kg + 0,2 Kg Pump Packaging



bar Air Pressure main supply     NI/min Air consumption

TECHNICAL DATA	
<b>Fluid connections</b>	½" BSP • NPT* • FLANGED* DN15
<b>Air connection</b>	6 mm
<b>Max flow rate</b>	30 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	5 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	3,5 mm
<b>Noise level</b>	65 dB(A)
<b>Max viscosity</b>	15.000 cPs

DIMENSIONS (mm)		
<b>PP</b>	<b>A</b> 177	<b>B</b> 105 <b>C</b> 183
<b>PVDF</b>	<b>A</b> 177	<b>B</b> 105 <b>C</b> 183
<b>POMc</b>	<b>A</b> 177	<b>B</b> 105 <b>C</b> 183
<b>AISI 316</b>	<b>A</b> 182	<b>B</b> 104 <b>C</b> 190



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\* Optional

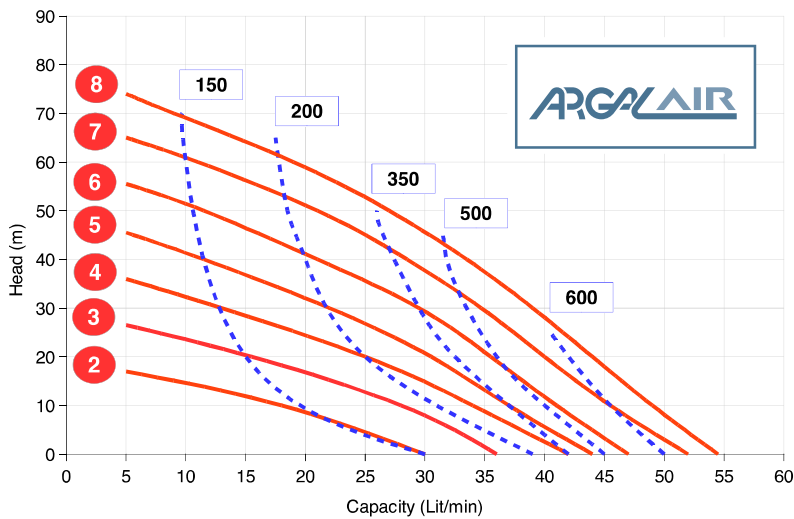
COMPOSITION	
<b>Wetted parts</b>	<ul style="list-style-type: none"> <li>• PP • PVDF</li> <li>• POMc • AISI 316</li> </ul>
<b>Diaphragms</b>	<ul style="list-style-type: none"> <li>• HYTREL + PTFE</li> <li>• SANTOPRENE + PTFE</li> <li>• HYTREL</li> <li>• SANTOPRENE</li> </ul>
<b>Valve Balls</b>	<ul style="list-style-type: none"> <li>• PTFE • AISI 316</li> <li>• EPDM • NBR</li> </ul>
<b>Valve Seats</b>	<ul style="list-style-type: none"> <li>• PP • PVDF • POMc</li> <li>• AISI 316 • UPPE</li> </ul>
<b>Gaskets</b>	<ul style="list-style-type: none"> <li>• EPDM • VITON</li> <li>• NBR • PTFE</li> </ul>

# ASTRA COMPACT

## DDA 50-50



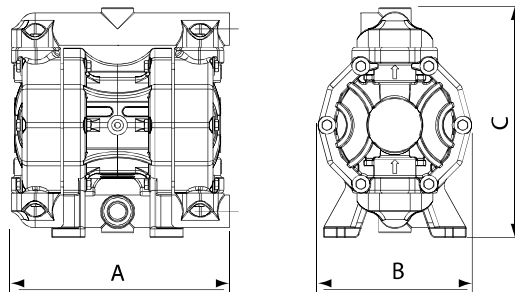
<b>PVDF</b>   Pump Packaging	<b>Alu</b>   Pump Packaging	<b>AISI 316</b>   Pump Packaging	<b>PP</b>   Pump Packaging
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Air Pressure main supply      Air consumption

TECHNICAL DATA	
<b>Fluid connections</b>	½" BSP • NPT* • FLANGED* DN15
<b>Air connection</b>	¼" BSP
<b>Max flow rate</b>	50 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	6 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	3,5 mm
<b>Noise level</b>	68 dB(A)
<b>Max viscosity</b>	20.000 cPs

DIMENSIONS (mm)	
<b>PP</b>	A 222 B 156 C 233
<b>PVDF</b>	A 222 B 156 C 233
<b>ALU</b>	A 225 B 156 C 230
<b>AISI 316</b>	A 225 B 156 C 230



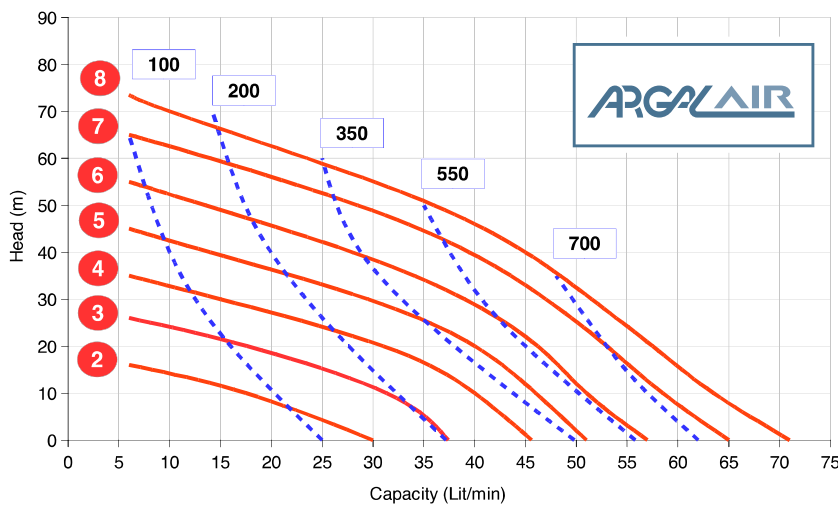
COMPOSITION	
<b>Wetted parts</b>	• PP • PVDF • ALU • AISI 316
<b>Diaphragms</b>	• HYTREL + PTFE • SANTOPRENE + PTFE • HYTREL • SANTOPRENE
<b>Valve Balls</b>	• PTFE • AISI 316 • EPDM • NBR
<b>Valve Seats</b>	• PP • PVDF • ALU • AISI 316 • UPPE
<b>Gaskets</b>	• EPDM • VITON • NBR • PTFE

Connections scheme page 28

\* Optional

# ASTRA DDA 50-65

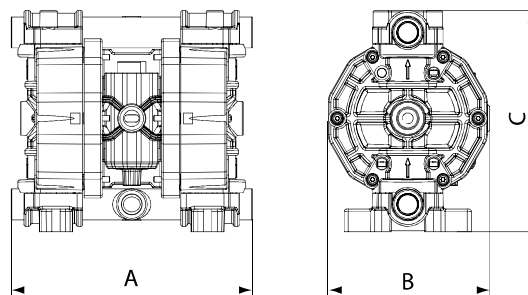
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Air Pressure main supply      Air consumption

TECHNICAL DATA	
<b>Fluid connections</b>	½" BSP • NPT* • FLANGED* DN15
<b>Air connection</b>	¾" BSP
<b>Max flow rate</b>	65 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	6 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	3,5 mm
<b>Noise level</b>	72 dB(A)
<b>Max viscosity</b>	25.000 cPs

DIMENSIONS (mm)	
<b>PP</b>	A 265 B 175 C 245
<b>PVDF</b>	A 265 B 175 C 245
<b>ALU</b>	A 265 B 175 C 245
<b>AISI 316</b>	A 250 B 175 C 250



COMPOSITION	
<b>Wetted parts</b>	• PP • PVDF • ALU • AISI 316
<b>Diaphragms</b>	• HYTREL + PTFE • SANTOPRENE + PTFE • HYTREL • SANTOPRENE • EPDM • NBR
<b>Valve Balls</b>	• PTFE • AISI 316 • EPDM • NBR
<b>Valve Seats</b>	• PP • PVDF • ALU • AISI 316 • UPPE
<b>Gaskets</b>	• EPDM • VITON • NBR • PTFE

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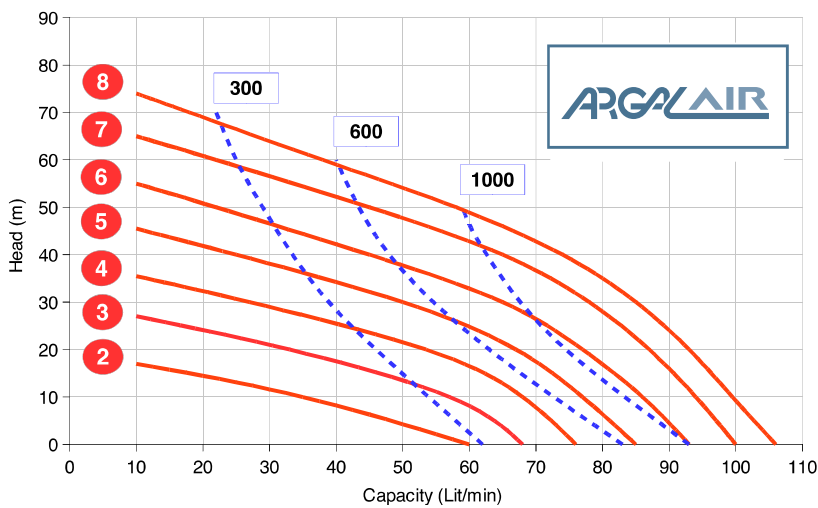
\* Optional

# ASTRA

## DDA 75-100



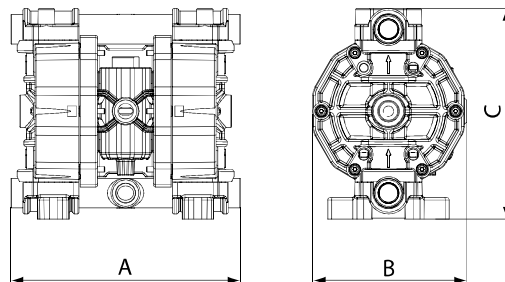
	<b>Alu</b>		
Pump Packaging	Pump Packaging	Pump Packaging	Pump Packaging



Air Pressure main supply      Air consumption

TECHNICAL DATA	
<b>Fluid connections</b>	3/4" BSP • NPT* • FLANGED* DN20
<b>Air connection</b>	3/8" BSP
<b>Max flow rate</b>	100 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	6 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	3,5 mm
<b>Noise level</b>	72 dB(A)
<b>Max viscosity</b>	25.000 cPs

DIMENSIONS (mm)	
<b>PP</b>	A 265 B 175 C 245
<b>PVDF</b>	A 265 B 175 C 245
<b>ALU</b>	A 265 B 175 C 245
<b>AISI 316</b>	A 250 B 175 C 250



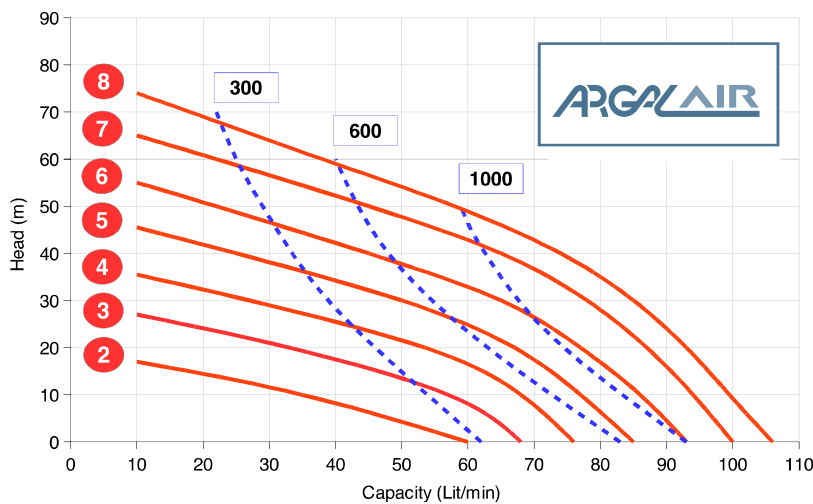
COMPOSITION	
<b>Wetted parts</b>	<ul style="list-style-type: none"> <li>• PP • PVDF</li> <li>• ALU • AISI 316</li> </ul>
<b>Diaphragms</b>	<ul style="list-style-type: none"> <li>• HYTREL + PTFE</li> <li>• SANTOPRENE + PTFE</li> <li>• HYTREL</li> <li>• SANTOPRENE</li> <li>• EPDM • NBR</li> </ul>
<b>Valve Balls</b>	<ul style="list-style-type: none"> <li>• PTFE • AISI 316</li> <li>• EPDM • NBR</li> </ul>
<b>Valve Seats</b>	<ul style="list-style-type: none"> <li>• PP • PVDF • ALU</li> <li>• AISI 316 • UPPE</li> </ul>
<b>Gaskets</b>	<ul style="list-style-type: none"> <li>• EPDM • VITON</li> <li>• NBR • PTFE</li> </ul>

Connections scheme page 28

\* Optional

# ASTRA

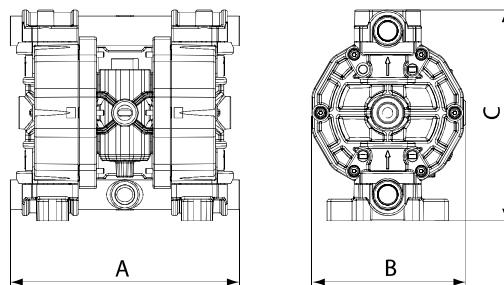
## DDA 100-100



**bar** Air Pressure main supply      **NI/min** Air consumption

TECHNICAL DATA	
<b>Fluid connections</b>	1" BSP • NPT* • FLANGED* DN25
<b>Air connection</b>	3/8" BSP
<b>Max flow rate</b>	100 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	6 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	3,5 mm
<b>Noise level</b>	72 dB(A)
<b>Max viscosity</b>	25.000 cPs

DIMENSIONS (mm)	
<b>PP</b>	<b>A 265 B 175 C 245</b>
<b>PVDF</b>	<b>A 265 B 175 C 245</b>



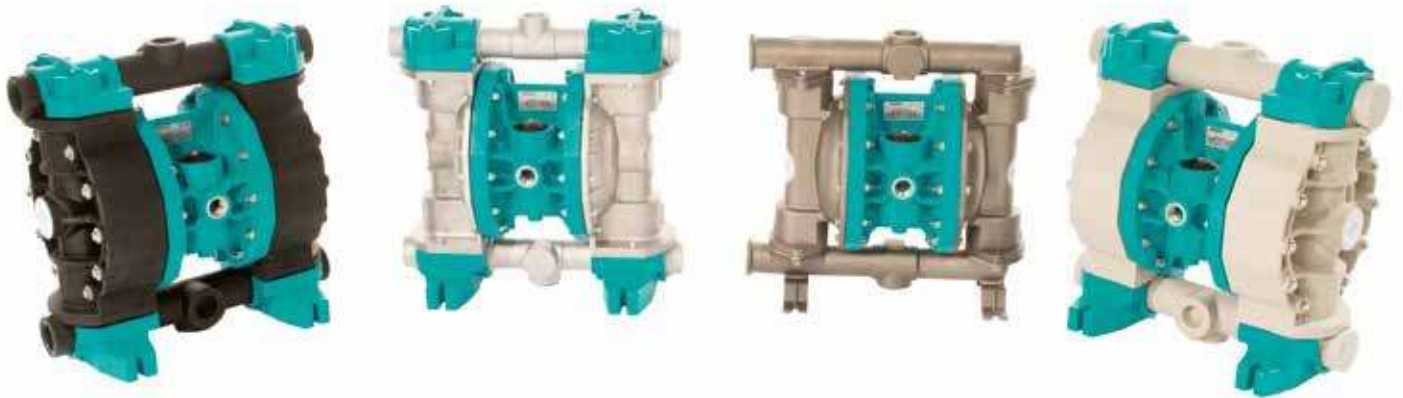
COMPOSITION	
<b>Wetted parts</b>	• PP • PVDF
<b>Diaphragms</b>	• HYTREL + PTFE • SANTOPRENE + PTFE • HYTREL • SANTOPRENE • EPDM • NBR
<b>Valve Balls</b>	• PTFE • SS • EPDM • NBR
<b>Valve Seats</b>	• PP • PVDF • AISI 316 • UPPE
<b>Gaskets</b>	• EPDM • VITON • NBR • PTFE

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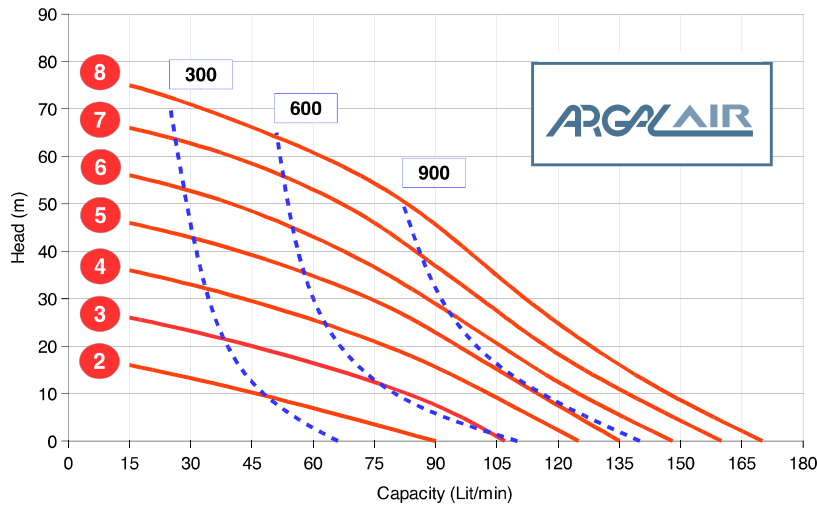
\* Optional

# ASTRA

## DDA 100-160



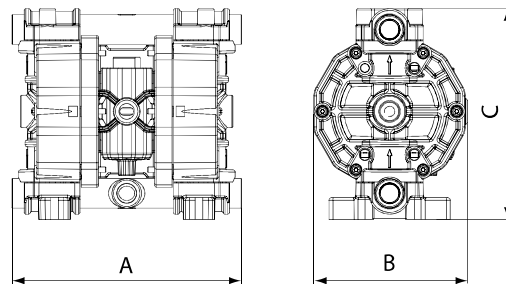
<b>PVDF</b>  13,4 Kg + 0,7 Kg Pump Packaging	<b>Alu</b>  12,4 Kg + 0,7 Kg Pump Packaging	<b>AISI 316</b>  16,9 Kg + 0,7 Kg Pump Packaging	<b>PP</b>  11 Kg + 0,7 Kg Pump Packaging
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**bar** Air Pressure main supply      **NI/min** Air consumption

TECHNICAL DATA	
<b>Fluid connections</b>	1" BSP • NPT* • FLANGED* DN25
<b>Air connection</b>	½" BSP
<b>Max flow rate</b>	160 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	6 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	7,5 mm
<b>Noise level</b>	75 dB(A)
<b>Max viscosity</b>	35.000 cPs

DIMENSIONS (mm)	
<b>PP</b>	A 370 B 222 C 370
<b>PVDF</b>	A 370 B 222 C 370
<b>ALU</b>	A 370 B 222 C 364
<b>AISI 316</b>	A 360 B 222 C 346



COMPOSITION	
<b>Wetted parts</b>	• PP • PVDF • ALU • AISI 316
<b>Diaphragms</b>	• HYTREL + PTFE • SANTOPRENE + PTFE • HYTREL • SANTOPRENE • EPDM • NBR
<b>Valve Balls</b>	• PTFE • AISI 316 • EPDM • NBR
<b>Valve Seats</b>	• PP • PVDF • ALU • AISI 316 • UPPE
<b>Gaskets</b>	• EPDM • VITON • NBR • PTFE

Connections scheme page 28

\* Optional

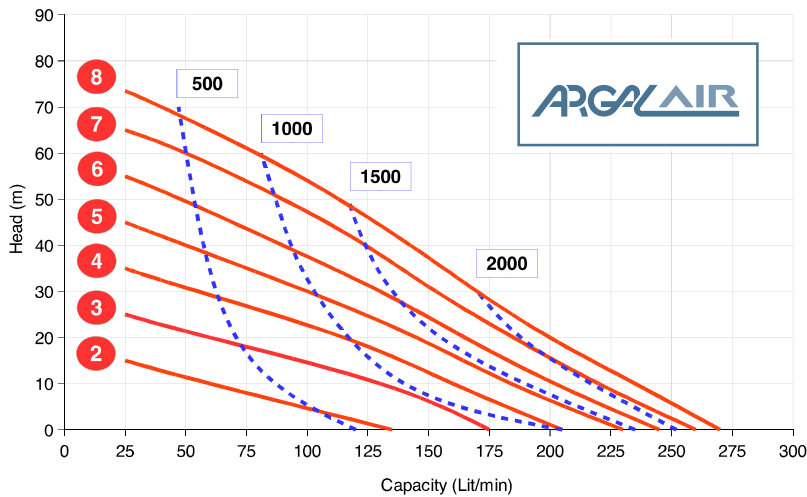


# ASTRA DDA 125-250

ARGALAIR



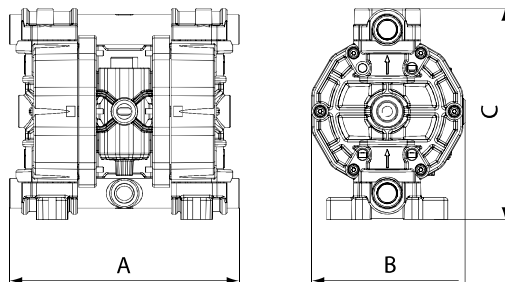
<p>Pump Packaging</p>	<p>Pump Packaging</p>	<p>Pump Packaging</p>	<p>Pump Packaging</p>
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Air Pressure main supply      Air consumption

TECHNICAL DATA	
Fluid connections	1¼" BSP • NPT* • FLANGED* DN32
Air connection	½" BSP
Max flow rate	250 l/m'
Max air pressure	8 bar
Max delivery head	80 mca
Max suction lift dry	6 mca
Max suction lift wet	9,8 mca
Max size solids	7,5 mm
Noise level	75 dB(A)
Max viscosity	35.000 cPs

DIMENSIONS (mm)	
PP	A 370 B 222 C 370
PVDF	A 370 B 222 C 370
ALU	A 370 B 222 C 364
AISI 316	A 360 B 222 C 346



COMPOSITION	
Wetted parts	• PP • PVDF • ALU • AISI 316
Diaphragms	• HYTREL + PTFE • SANTOPRENE + PTFE • HYTREL • SANTOPRENE • EPDM • NBR
Valve Balls	• PTFE • AISI 316 • EPDM • NBR
Valve Seats	• PP • PVDF • ALU • AISI 316 • UPPE
Gaskets	• EPDM • VITON • NBR • PTFE

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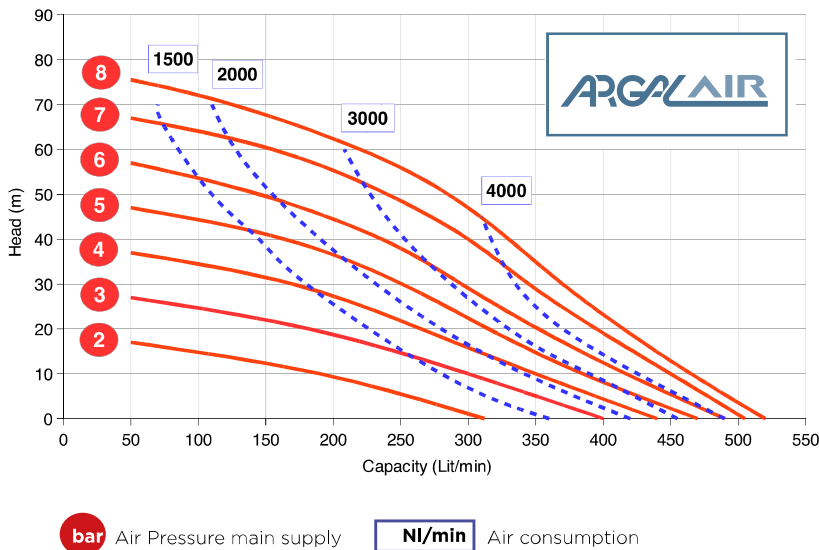
\* Optional

# ASTRA

## DDA 150-500

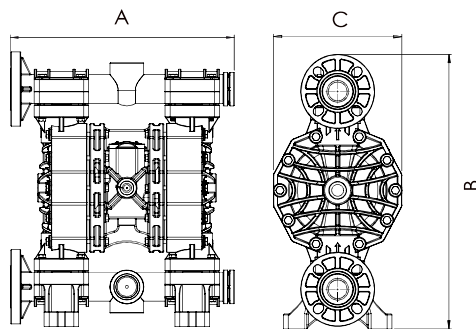


<b>PP</b>     <b>Pump Packaging</b>	<b>PVDF</b>     <b>Pump Packaging</b>	<b>Alu</b>     <b>Pump Packaging</b>	<b>AISI 316</b>     <b>Pump Packaging</b>
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TECHNICAL DATA	
<b>Fluid connections</b>	1½" BSP • NPT* • FLANGED* DN40
<b>Air connection</b>	¾" BSP
<b>Max flow rate</b>	500 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	5 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	8,5 mm
<b>Noise level</b>	78 dB(A)
<b>Max viscosity</b>	50.000 cPs

DIMENSIONS (mm)		
<b>PP</b>	<b>A</b> 595 <b>B</b> 345 <b>C</b> 565	
<b>PVDF</b>	<b>A</b> 595 <b>B</b> 345 <b>C</b> 565	
<b>ALU</b>	<b>A</b> 595 <b>B</b> 345 <b>C</b> 560	
<b>AISI 316</b>	<b>A</b> 582 <b>B</b> 345 <b>C</b> 570	



COMPOSITION	
<b>Wetted parts</b>	• PP • PVDF • ALU • AISI 316
<b>Diaphragms</b>	• HYTREL + PTFE • SANTOPRENE + PTFE • HYTREL • SANTOPRENE • EPDM • NBR
<b>Valve Balls</b>	• PTFE • AISI 316 • EPDM • NBR
<b>Valve Seats</b>	• PP • PVDF • ALU • AISI 316 • UPPE
<b>Gaskets</b>	• EPDM • VITON • NBR • PTFE

Connections scheme page 28

\* Optional

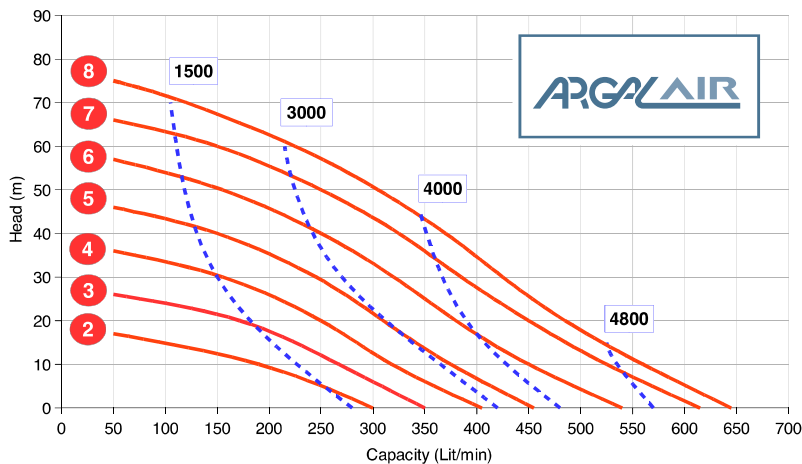
# ASTRA

## DDA 200-650

ARGALAIR



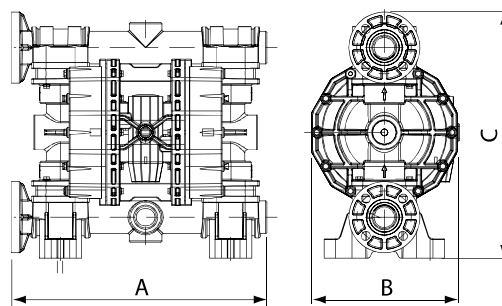
<b>PVDF</b>  41,5 Kg + 2,2 Kg Pump Packaging	<b>AISI 316</b>  54,5 Kg + 2,2 Kg Pump Packaging	<b>PP</b>  34,5 Kg + 2,2 Kg Pump Packaging	<b>Alu</b>  38,5 Kg + 2,2 Kg Pump Packaging
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**bar** Air Pressure main supply      **NI/min** Air consumption

TECHNICAL DATA	
<b>Fluid connections</b>	2" BSP • NPT* • FLANGED* DN50
<b>Air connection</b>	¾" BSP
<b>Max flow rate</b>	650 l/m'
<b>Max air pressure</b>	8 bar
<b>Max delivery head</b>	80 mca
<b>Max suction lift dry</b>	5 mca
<b>Max suction lift wet</b>	9,8 mca
<b>Max size solids</b>	38,55 mm
<b>Noise level</b>	78 dB(A)
<b>Max viscosity</b>	50.000 cPs

DIMENSIONS (mm)	
<b>PP</b>	A 595 B 345 C 565
<b>PVDF</b>	A 595 B 345 C 565
<b>ALU</b>	A 595 B 345 C 560
<b>AISI 316</b>	A 487 B 345 C 599



COMPOSITION	
<b>Wetted parts</b>	• PP • PVDF • ALU • AISI 316
<b>Diaphragms</b>	• HYTREL + PTFE • SANTOPRENE + PTFE • HYTREL • SANTOPRENE • EPDM • NBR
<b>Valve Balls</b>	• PTFE • AISI 316 • EPDM • NBR
<b>Valve Seats</b>	• PP • PVDF • ALU • AISI 316 • UPPE
<b>Gaskets</b>	• EPDM • VITON • NBR • PTFE

Connections scheme page 28

\* Optional