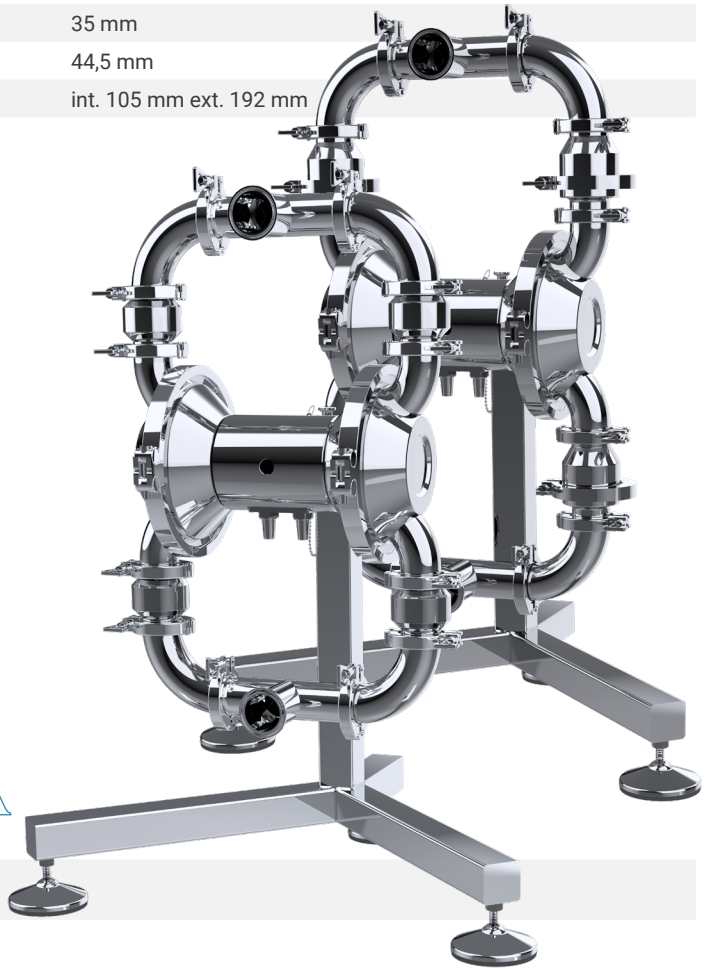
SANITARY AND FOOD PUMPS

AISIBOXER - 03

Suction/delivery connections	BS 4825 2” Clamp
Air fitting	1/2” f BSPP
Max flow rate*	340 l/min
Max air supply pressure	8 bar
Max head*	80 m
Max suction from negative head - dry running*	2,5 m
Max suction from negative head - with pump on	9,5 m
Max diameter of suspended solids (spheres)	15 mm
Max diameter of suspended solids (check valves)	35 mm
Diameter of the spheres	44,5 mm
Diameter of the membranes	int. 105 mm ext. 192 mm

* The value depends on the pump configuration.



Certifications:

- Special Diaphragms with ANTI-DEPOSIT surface
- Mould cast main block consists on a single piece
- Patented stall-prevention coaxial pneumatic exchanger
- Stainless steel stand for quick emptying operations
- Anti-vibration feet (3A-certified for SANIBOXER version)
- Eccentric valves (in AISIBOXER – SANIBOXER-03 pumps)
- Check valves (for AISIBOXER pump model -03)
- Rotating connections
- Sensors to detect diaphragm rupture (standard in SANIBOXER version)
- Compatible with CIP, COP and SIP methods

SANITARY AND FOOD PUMPS
DEBEM srl - Via Del Bosco, 41 - 21052 Busto Arsizio (VA) Italy - Tel. +39 0331 074034 - Fax +39 0331 074036 - info@debem.it - www.debem.com

SANITARY AND FOOD PUMPS

AISIBOXER - 03

WITH SPHERES

Specifications and types

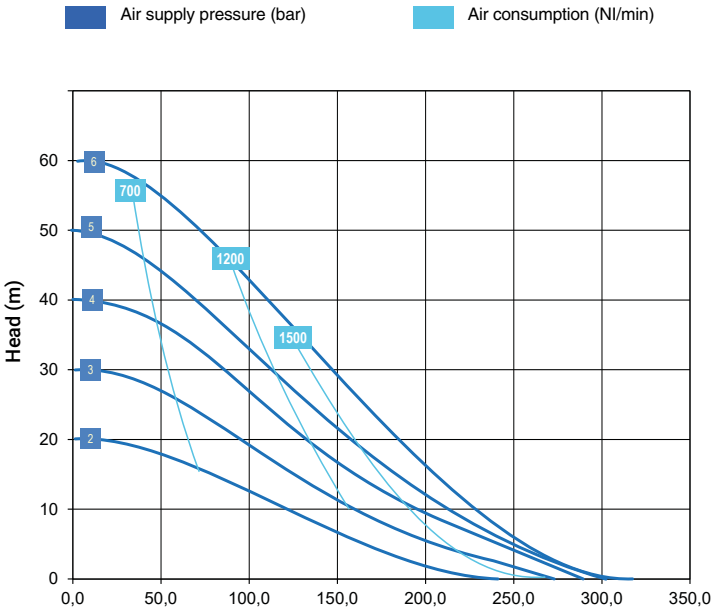


AISI 316 L	AISIBOXER-03

Maximum Dimensions	
Height	929 mm
Width	716 mm
Depth	570 mm

Const. mat. (casing and manifolds) and net weight	
AISI 316 L**	45 Kg
	Temp. 3°C min.
	95°C max*

* Warning on process temperatures: for washing and sanitisation, the pumps can be subjected to CIP, COP and SIP with temperatures up to 130 C.
** Mechanically polished - surface finish <0.8 µm

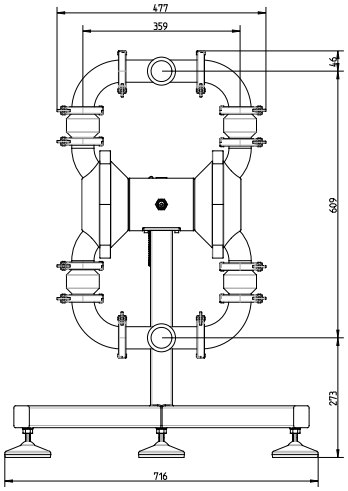


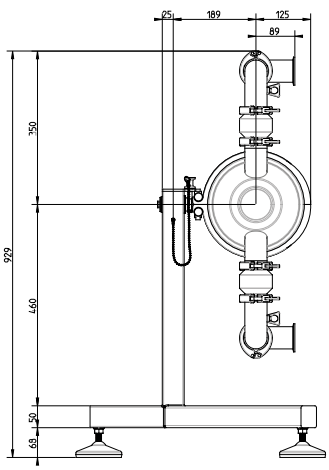
Quick emptying system

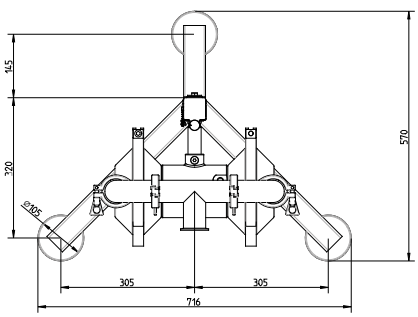
A system that allows the pump to completely empty the fluid present inside the chambers.

Certifications:

* The curves and performances refer to pumps with submerged suction and free delivery outlet, with water at 20°C and vary according to the composition materials.







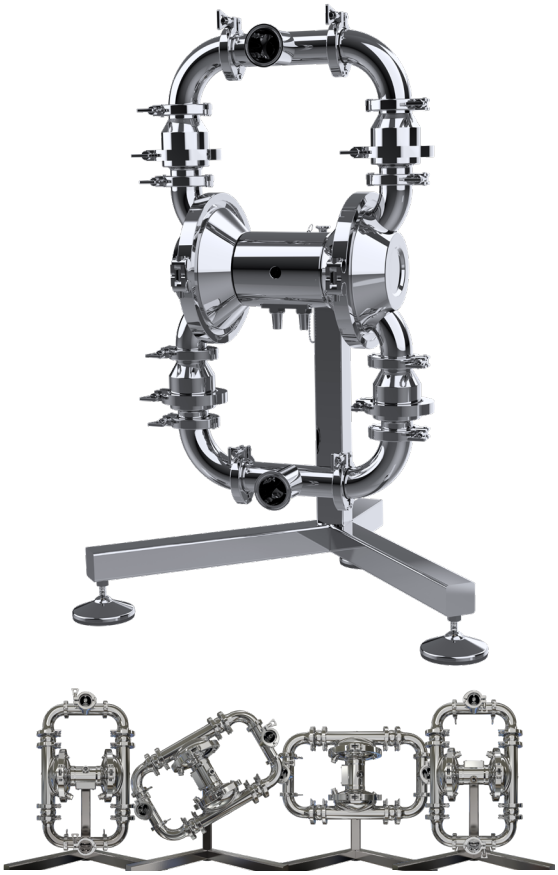
SANITARY AND FOOD PUMPS
DEBEM srl - Via Del Bosco, 41 - 21052 Busto Arsizio (VA) Italy - Tel. +39 0331 074034 - Fax +39 0331 074036 - info@debem.it - www.debem.com

SANITARY AND FOOD PUMPS

AISIBOXER - 03

WITH CHECK VALVES

Specifications and types

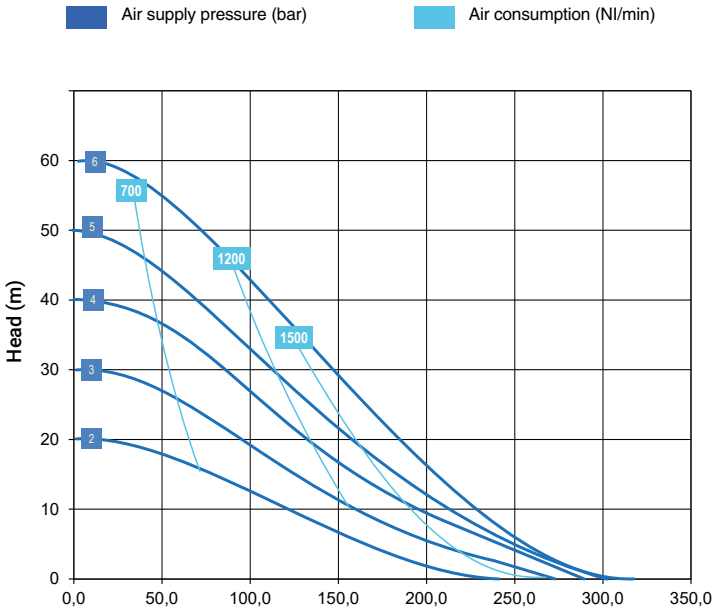


AISI 316 L	AISIBOXER-03

Maximum Dimensions	
Height	979 mm
Width	716 mm
Depth	570 mm

Const. mat. (casing and manifolds) and net weight	
AISI 316 L**	50 Kg
	Temp. 3°C min.
	95°C max*

* Warning on process temperatures: for washing and sanitisation, the pumps can be subjected to CIP, COP and SIP with temperatures up to 130 C.
** Mechanically polished - surface finish <0.8 µm

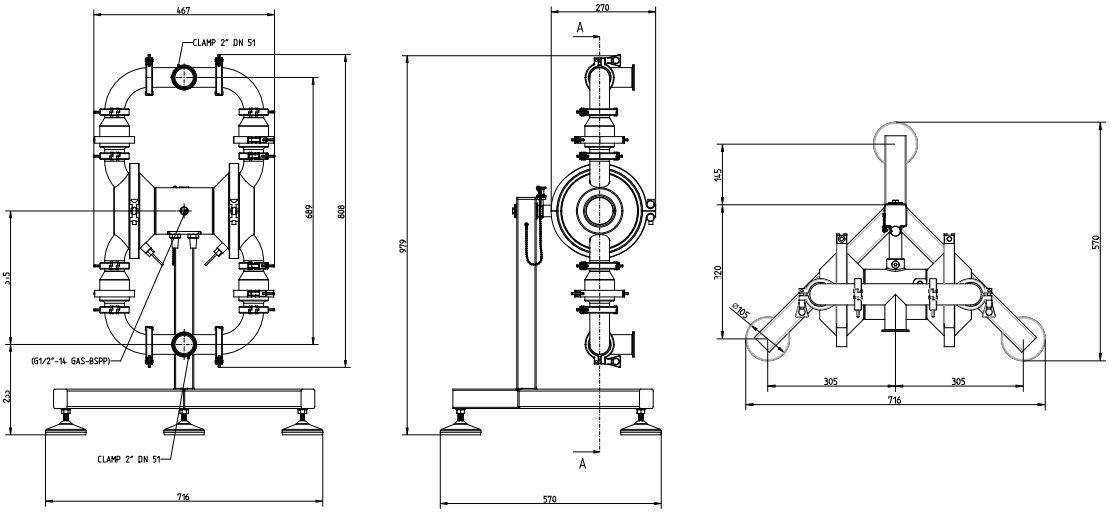


Quick emptying system

A system that allows the pump to completely empty the fluid present inside the chambers.

Certifications:

* The curves and performances refer to pumps with submerged suction and free delivery outlet, with water at 20°C and vary according to the composition materials.



SANITARY AND FOOD PUMPS
DEBEM srl - Via Del Bosco, 41 - 21052 Busto Arsizio (VA) Italy - Tel. +39 0331 074034 - Fax +39 0331 074036 - info@debem.it - www.debem.com