

AISIBOXER AOD PUMP RANGE

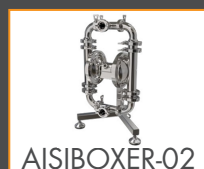
AIR OPERATED DOUBLE DIAPHRAGM PUMPS



FDA
COMPLIANT

-  SUITABLE FOR HIGH VISCOSITY LIQUIDS
-  RAPID EMPTYING SYSTEM
-  ATEX ZONE 1 & 2 CERTIFICATION
-  FDA COMPLIANT

Part of the
AISIBOXER Pump
Range



AISIBOXER OVERVIEW

The AISIBOXER Line of volumetric pumps driven by compressed air, with double diaphragm are MOCA – ATEX – FDA certified. They are built in mechanically polished AISI 316 L with a surface finish of <math><0.8 \mu\text{m}</math>.

The pumps are suitable for moving fluids in sectors such as the food and beverage and cosmetic industries. They constitute an optimal solution for the transport of liquids and fluids with high apparent viscosity, even in the presence of suspended solid parts.

The Rapid Emptying System of the AISIBOXER pumps allows the complete emptying of the pump from the fluid present inside the product chambers. The operation can be carried out comfortably by hand without the use of tools or particular equipment. The pump will thus be free of internal impurities and ready to be washed and sanitized.

AISIBOXER pumps can be equipped with fluid ball valves with an eccentric design. Their construction form is unique in its kind and differs from normal ball valves as it allows the conveyance of fluids with large suspended solids. The eccentricity of the valve body prevents the ball from blocking during pumping operations. The balls are available in both AISI 316 and PTFE.

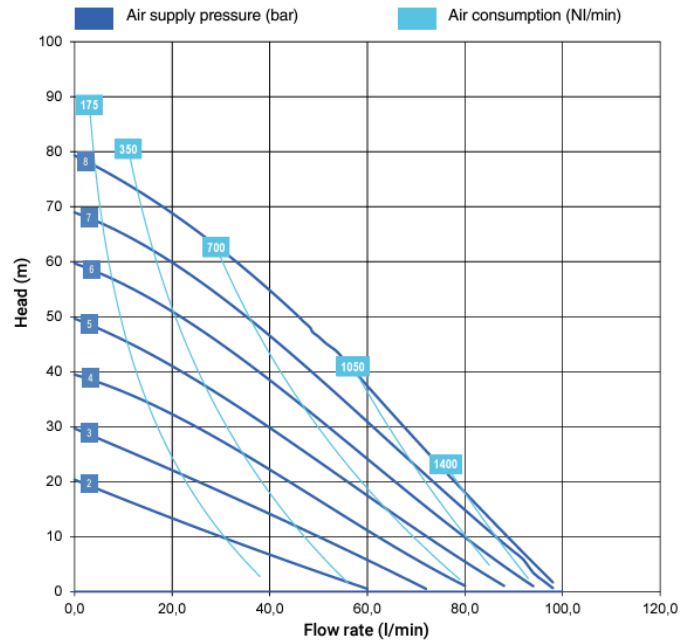


Scan to see more of our Debem AOD Range

AISIBOXER PUMP RANGE

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

∞ AISIBOXER-01



∞ INFORMATION

For more specific model curves, general arrangement drawings or exploded views of individual models, please visit www.crestpumps.co.uk.

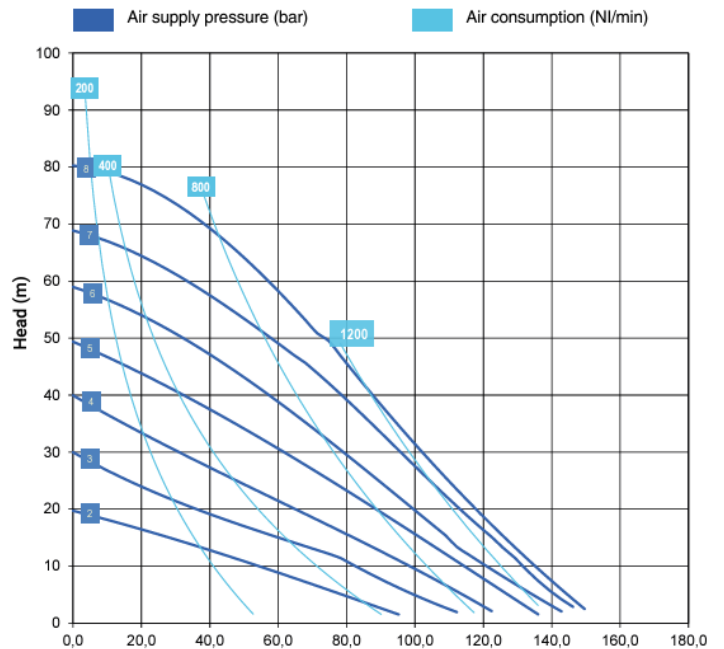
∞ TECHNICAL SPECIFICATION

	AISIBOXER-01
Suction / delivery connections	BS 4825 1" Clamp
Air Fitting	3/8" f BSPP
Max. Flow rate *	100 l/min
Max supply air pressure	8 bar
Max. Head *	80 m
Max negative suction head - dry running **	2.5m
Max negative suction head - pump primed	9.5m
Diameter Max suspended solids	5 mm

AISIBOXER PUMP RANGE

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∞ AISIBOXER-02



∞ INFORMATION

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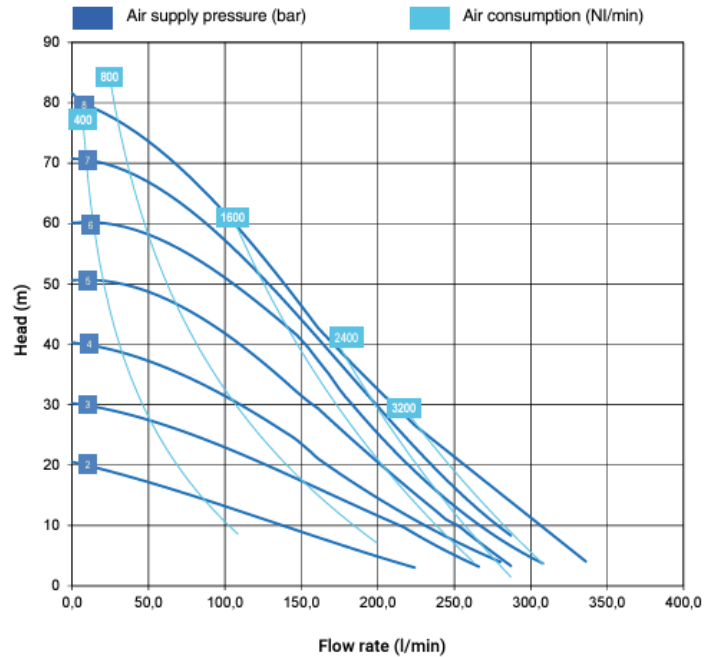
∞ TECHNICAL SPECIFICATION

	AISIBOXER-02
Suction / delivery connections	BS 4825 1" 1/2 Clamp
Air Fitting	3/8" f BSPP
Max. Flow rate *	160 l/min
Max supply air pressure	8 bar
Max. Head *	80 m
Max negative suction head - dry running **	2.5m
Max negative suction head - pump primed	9.5m
Diameter Max suspended solids	7 mm

AISIBOXER PUMP RANGE

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

CRESTPUMPS AISIBOXER-03



CRESTPUMPS INFORMATION

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CRESTPUMPS TECHNICAL SPECIFICATION

	AISIBOXER-03
Suction / delivery connections	BS 4825 2" Clamp
Air Fitting	1/2" f BSPP
Max. Flow rate *	340 l/min
Max supply air pressure	8 bar
Max. Head *	80 m
Max negative suction head - dry running **	2.5m
Max negative suction head - pump primed	9.5m
Diameter Max suspended solids	15 mm