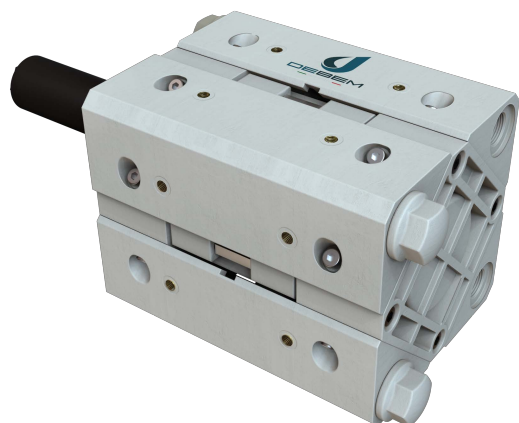








# CUBIC AOD PUMP RANGE

AIR OPERATED DOUBLE DIAPHRAGM PUMPS



-  SELF PRIMING
-  DRY OPERATION
-  ATEX ZONE 1 & 2 CERTIFICATION
-  IECEx CERTIFICATION
-  ADJUSTABLE OPERATION SPEED
-  SUITABLE FOR CONTINUOUS USE

Part of the **CUBIC**  
Pump Range



## CUBIC AOD OVERVIEW

The ATEX certified air-operated double diaphragm pumps, with their unique design, limited size, are ideally suited to be installed directly on industrial equipment for the chemical sector, to pump ink and paint, on printing machines, in oil circulation and in applications where moderate quantities of fluid must be pumped in small spaces. The Cubic range includes the Mbox pump which is currently the smallest and highest performing pump on the market for the chemical sector.

Crest Debem air operated double diaphragm pumps are ideal for pumping liquids with high apparent viscosity, even if containing suspended solids. The stall-prevention circuit guarantees a safe operation, without requiring lubricated air. These pumps have achieved unprecedented levels of versatility due to their self-priming capacity with a considerable suction head, the ability to fine-tune the speed without losses of pressure as well as the possibility of dry-running without suffering damage. The vast range of construction materials allow us to detect the best chemical compatibility with the fluid and environment, without neglecting the operating temperature range.

The construction principle of the air operated double diaphragm pumps makes them ideally suited for demanding applications or potentially explosive atmospheres (ATEX - IECEx Certification).

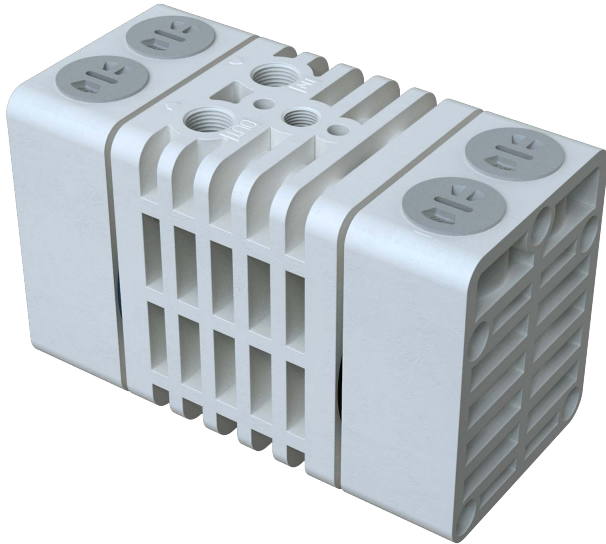


Scan to see more of our Debem AOD Range

# CUBIC PUMP RANGE

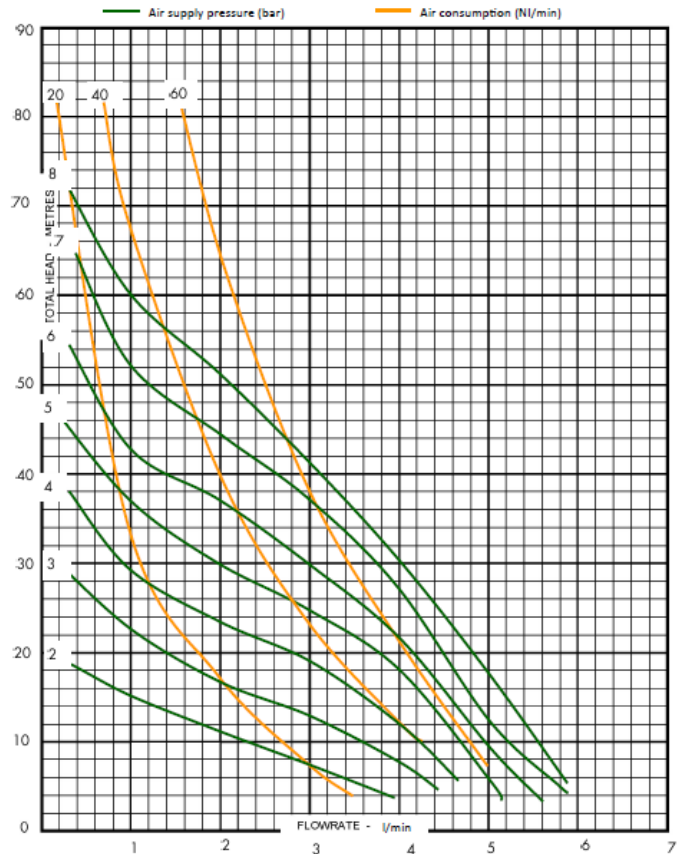
AIR OPERATED DOUBLE DIAPHRAGM PUMPS

## ∞ MBOX



### ∞ INFORMATION

For more specific model curves, general arrangement drawings or exploded views of individual models, please visit [www.crestpumps.co.uk](http://www.crestpumps.co.uk).



## ∞ TECHNICAL SPECIFICATION

	MIDGETBOX
Suction / delivery connections	G 1/4" f
Air Fitting	G 1/8" f
Max. Flow rate *	6 l/min
Max supply air pressure	8 bar
Max. Head *	80 m
Max negative suction head - dry running **	3m
Max negative suction head - pump primed	9.5m
Diameter Max suspended solids	0 mm
Noise Level **	60 dB
Volume per stroke	3.2 cc

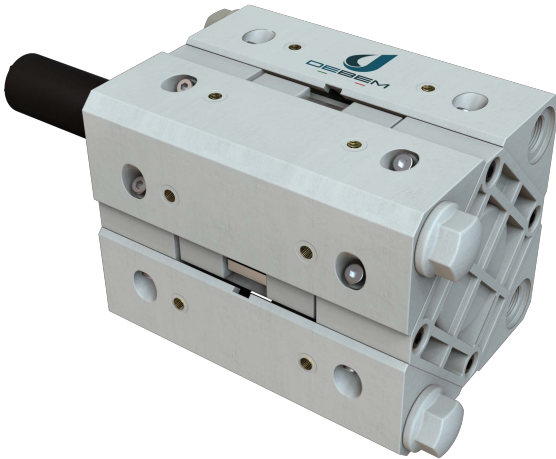
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# CUBIC PUMP RANGE

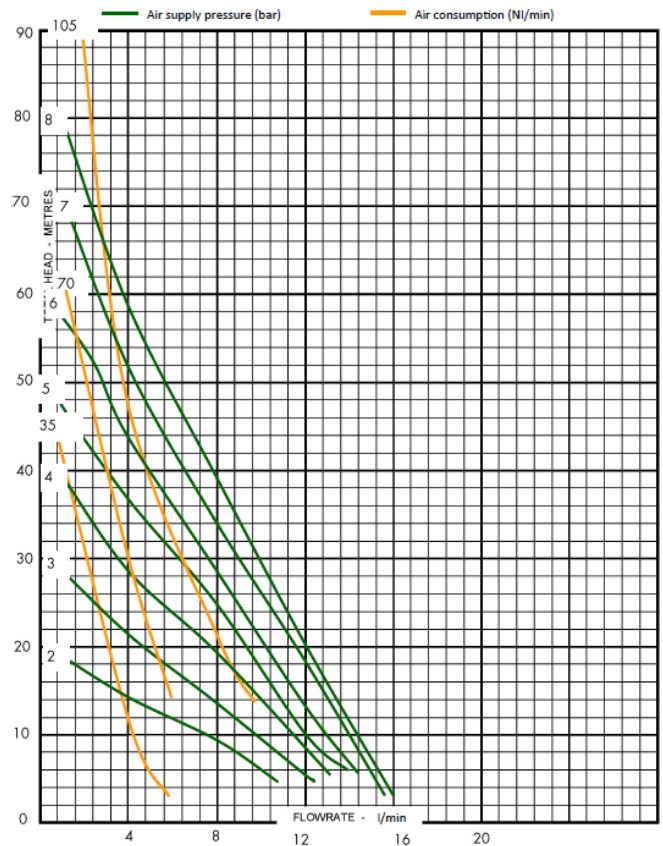
AIR OPERATED DOUBLE DIAPHRAGM PUMPS

## ∞ CUBIC 15



### ∞ INFORMATION

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## ∞ TECHNICAL SPECIFICATION

	CUBIC 15
Suction / delivery connections	G 3/8" f
Air Fitting	G 3/8" f
Max. Flow rate *	17 l/min
Max supply air pressure	8 bar
Max. Head *	80 m
Max negative suction head - dry running **	3m
Max negative suction head - pump primed	9.5m
Diameter Max suspended solids	0.5 mm
Noise Level **	65 dB
Volume per stroke	10.3 cc