

Midgetbox



Specifications and types



Zone 2 – Zone 22 II 3G Ex h IIB T4 Gc e II 3D Ex h IIIB T135°C Dc X
 Zone 1 – Zone 21 II 2G Ex h IIB T4 Gb e II 2D Ex h IIIB T135°C Db X
 Zone 1 – Zone 21 II 2G Ex h IIC T4 Gb **

** The Group IIC gas application string is applicable on Boxer series pumps in Conduct version with TFM Conductive diaphragms.

Suction / delivery connections	1/4" f BSPP (*)
Air fitting	1/8" f BSPP
Max. flow rate*	6 l/min
Max. supply air pressure	8 bar
Max. head*	80 m
Max negative suction head - dry-running**	3 m
Max negative suction head - with pump primed	9,5 m
Max. diameter suspended solids	0 mm
Noise	60 dB

(*) NPT fittings on request

* The curves and the performances refer to pumps with immersed suction and open delivery outlet, with water at 20°C and vary depending on material composition.

** The value depends on the pump configuration.



PLASTIC MATERIAL - PP (GF/CF)

Midgetbox



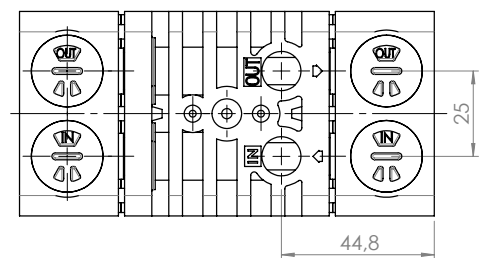
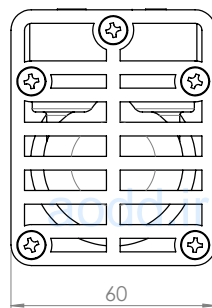
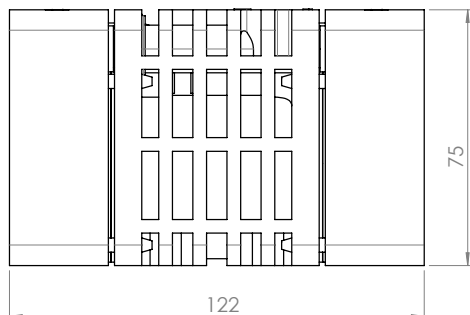
Maximum dimensions

Altezza	75 mm
Larghezza	122 mm
Profondità	60 mm



Construction mat. (casing and manifolds) and net weight

POLYPROPYLENE (with glass additive)	0,52 Kg
	Temp. 3°C min. 65°C max
CONDUCTIVE POLYPROPYLENE (with carbon additive)	0,52 Kg
	Temp. 3°C min. 65°C max



Midgetbox



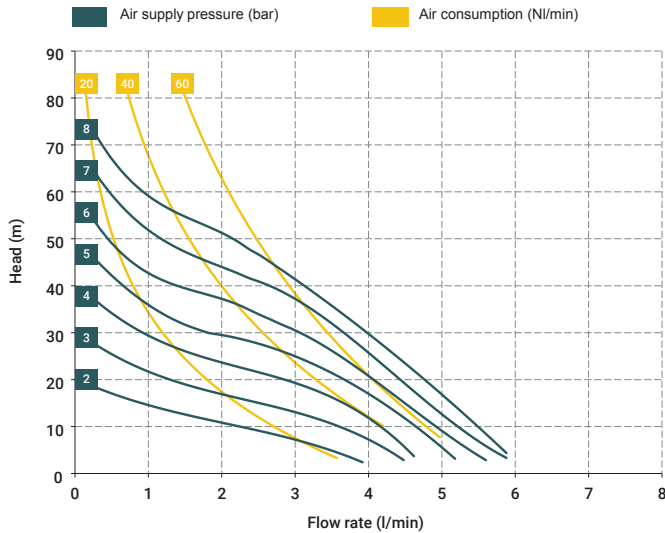
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Zone 2 – Zone 22
Zone 1 – Zone 21
Zone 1 – Zone 21

II 3G Ex h IIB T4 Gc e II 3D Ex h IIIB T135°C Dc X
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II 2G Ex h IIC T4 Gb **

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Any colour variations in our plastic products are due to the special mixtures of the raw materials used. The use of high fillers, glass and long-fibre carbon, provides a distinctive aesthetic that in no way detracts from the quality of the product, but rather emphasises its high technical content, to the benefit of performance.

Distributor material T10 (pneumatic circuit)

- POM

Central material

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)

Valves materials

- PPS
- PEEK

Diaphragm materials

- PTFE
- NBR

Caps materials

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)

Balls materials

- AISI 316 L
- PYREX

O-ring materials

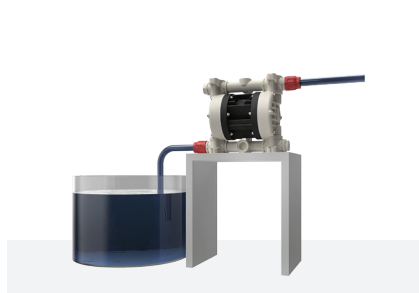
- PTFE

Packaging

cardboard box - cm 14 x 19 x 14 – weight 0.17 Kg
(the weight refers only to the packaging without the pump inside)

Accessories

- Equaflux 51 (For the dampener materials refer to the relative technical sheet)
- Air regulation kit W1000-8-G



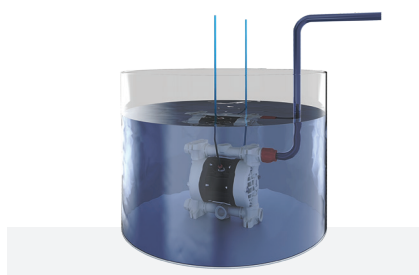
Self-Priming Use



Under Head Use



Drum Transfer



Immersed

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