



ALIGA-TOR
SAVE YOUR ENERGY

Tender specification
ALIGA-Rapida Food

05/21 Technical changes reserved

ALIGA-Rapida Food

Vertical high-speed door especially for use in the food and hygiene area (DIN 1672 for „Hygienic Design“).

All mechanical components are made of V2A stainless steel.

Opening speed: Adjustable up to approx. 2.5 m/s

Closing speed: Approx. 1.5 m/s

Door size

Width = max. 5.500 mm

Height = max. 5.500 mm

For a clear passage opening: Width mm x Height mm

Mechanical components

Side parts: Two-part (wall and cover guide end) V2A stainless steel.

Rubberised tubular steel shaft, including V2A stainless steel axle bolts, (bearing brackets, lugs).

Motor and shaft cover included.

Curtain

Made of vinyl fabric with a horizontal viewing window made of 1.5 mm thick transparent PVC.

The viewing window is 650 mm high and starts at 1350 mm.

Windows made of transparent PVC or fully transparent curtains are available.

Standard Curtain Colours

RAL 1018 – Zinc yellow; RAL 2004 – Pure orange; RAL 3020 – Traffic red; RAL 5010 – Gentian blue; RAL 6018 – Yellow green

RAL 7016 – Anthracite grey; RAL 7024 – Graphite grey; RAL 7035 – Light grey; RAL 9006 – White aluminium.

Other colours available on request for an additional charge. Colours may vary.

Scuffboard profile: flexible (Wind class 1), yellow or red finish.

Wind protection profiles

2 to 4 pieces, made of galvanised steel, integrated in the door curtain. Positioning and number depending on the door height.

Wind resistance class 1 according to EN 12424.

Drive

Slip-on geared motor with built-in safety gear and digital limit switch.

Connection cable with CEE plug (7 m), Protection class: IP55.

Optional automatic emergency opening according to ASR 1.7 via integrated spring weight compensation.

Door control

Frequency converter door control with digital display.

Adjustable: Hold-open times, pre-warning function, traffic light control, pulse and automatic function.

OPEN – STOP – CLOSE membrane keypad on housing cover. Emergency-off switch

Slots for optional plug-in card modules (e.g. radio or inductive).

Other pulse generators can be connected (e.g. radar, light barrier).

Adjustment of the end positions possible via a digital limit switch of the door control.

Electrical supply: Supply voltage 230 V, 16 ampere back-up fuse Euro CEE.

V2A stainless steel cabinet for electrical supply according to “Hygienic Design” optionally available at extra charge.

Safety

Self-switching door light grid, integrated in the lateral guide rails.

Anti-crash system.

Additional fall protection via counterweight system.

Required space, in Brackets () with assembly space

Lintel (A) 400 mm (450 mm)

Guide rail opposite with compensation system (B) 210 mm (250 mm)

Guide rail motor side until lintel opening (C)) 105 mm (150 mm)

Motorside from the lintel opening (D) 200 mm (325 mm)

Warranty

- On mechanical, non-rotating parts: 60 months if a maintenance contract is concluded (without maintenance contract: 24 months).

- On mechanical, rotating parts: 24 months or 120,000 load cycles.

- On wear parts and electronic components: 6 months or 120,000 load cycles.



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