

SLIDING DOOR M3P EI-120

**COLD STORAGE-FIREBREAK DOOR. FOR INDUSTRIAL USE.
CHILLER AND FREEZER ROOMS.**

TECHNICAL DESCRIPTION

INSULATION Doorblade mm.	MINIMUM INT. TEMP.	MAXIMUM INT./EXT TEMPERATURE.	A Manual Operation	A Electric Operation	B	C
120	-20° C	+/- 50° C	800	900	350	Clear opening + 550

CONSTRUCTION

◆ Frame

Description:

One part prepared to work as a refrigerating frame, and the other part prepared to work as a firebreak frame.

Refrigerating frame: extruded aluminium profile with polyamide double-profile inserts for thermic bridge breakage. Aluminium caps for contact between the frame and the gasket of the door. For freezer doors, there is provided a heating tape on the whole perimeter of the frame.

White lacquered RAL 9010 or brushed aluminium (stainless steel colour), depending on the finish of the door blade and panel.

Firebreak frame: top quality Flandes pine wood treated with a coat of steel sheet of 0,8 mm. White lacquered (not RAL), PVC coated or stainless steel AISI 304.

Fitting: Onto insulating panels by means of self drilling screws and 2 components PU foam injection.

Also available to be fitted onto brickwork or steelwork.

Can be adapted to different thickness of panel or brickwork.

Heating: Freezer doors: heating tape of 40 W/ml to be connected to 220 VAC.

Bottom crossbeam: Galvanized iron U60 double profile (cold roller laminated), with heating register and guiding cams.

◆ Door blade

Construction: manufactured with interchangeable panels.

Insulation: Sandwich panel composed by multi cape of injected polyurethane foam, density 50Kg/m³ (Bayer) free of CFC and HCFC, rock wool density 175 kg/m³ and calcium silicate sheets.

Thickness: 120mm.

Internal and external finishing: 0,8 mm steel sheet, white lacquered (not RAL), PVC coated or or stainless steel AISI 304.

Edge profile: 2 mm AISI 304 stainless steel lateral bumpers.

Refrigerating Sealing: Compact EPDM joint profile, pressure-inserted into rigid PVC support.

Firebreak sealing: Double wire or special fibreglass "E" firebreak fitted over gypsum support.

Hardwares: External and internal lever type opener with metallic axle (stainless steel option).

Bottom guide: galvanized steel profile.

Screws: Stainless steel.

◆ Track

Construction: stainless steel tracks support of 5 mm.

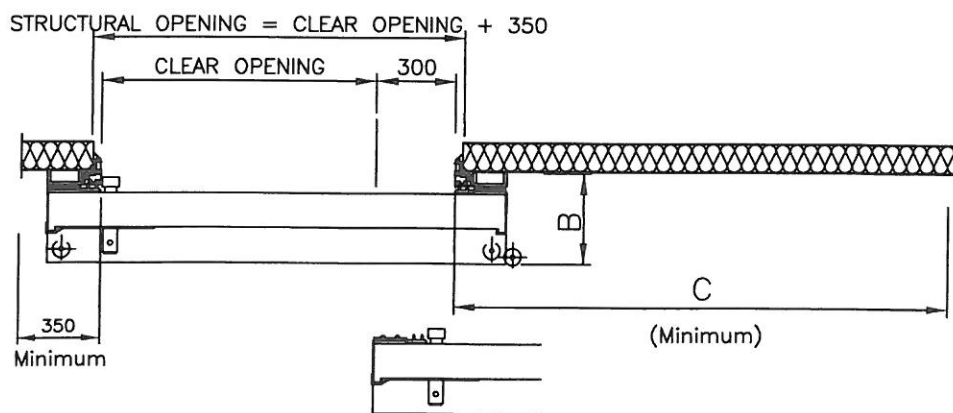
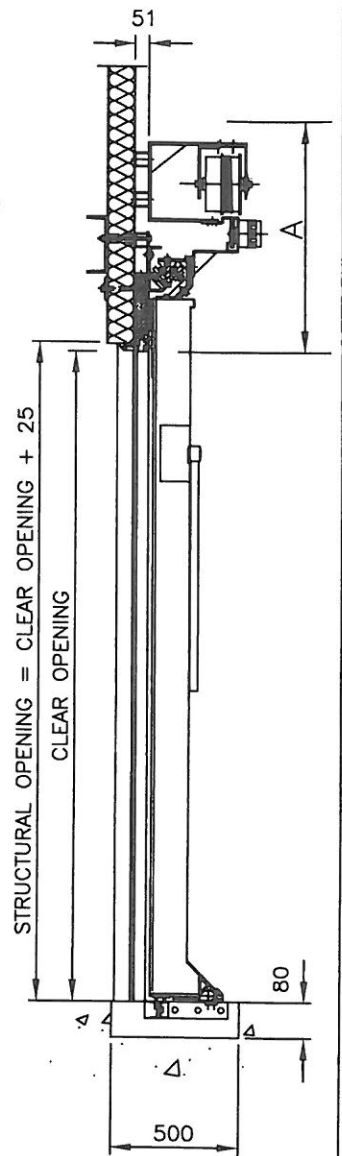
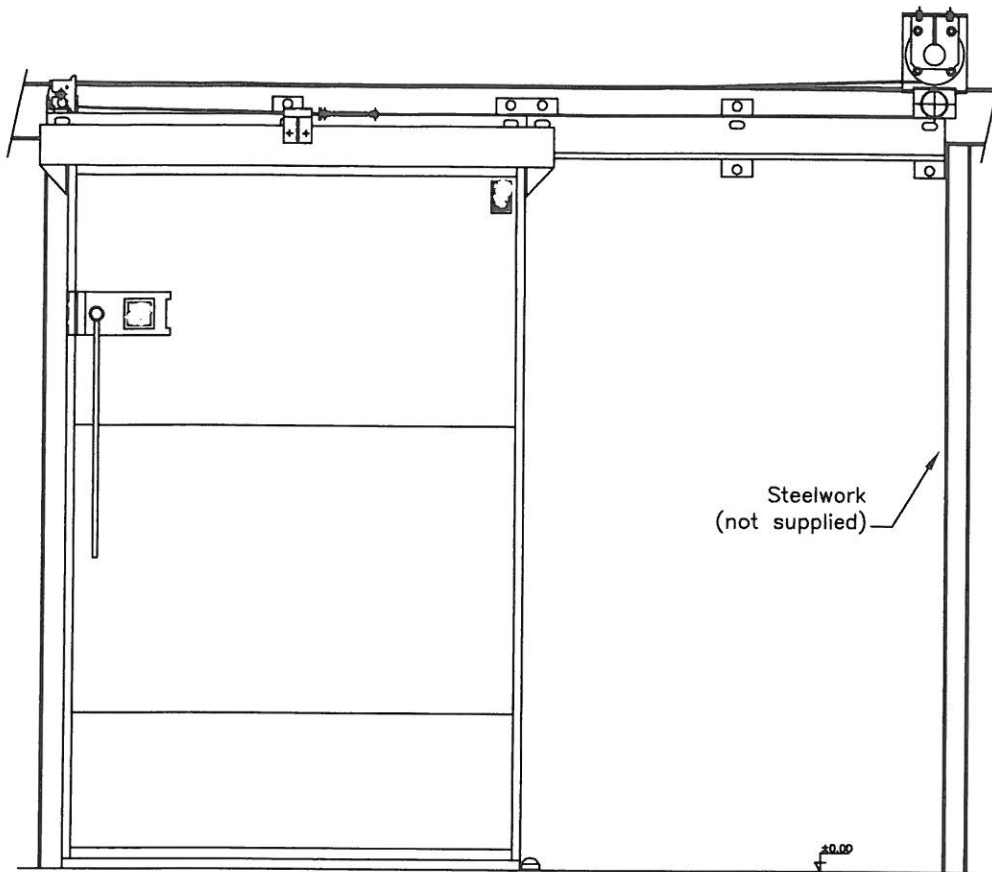
Guiding bar: aluminium profile of 40x15mm.

Ball bearings: made of polyamide 60 mm diameter with bearings.

Stainless steel bearing's heads and support in extruded aluminium profile.

◆ **Options:** Electric drive unit
DICTATOR closing device

*This type of door has been tested and certified by **LGA1 Technological Center**, according to the standards **EN 1634-1**, obtaining the classification **EI₂120 Category B**, according to standards **EN 13501-2**.



	Sliding Door	
	M3P EI-120	
	Industrial Door	
	Normal	