

1. technical features

Magnetic Control Device

The casing is Nylon 66 reinforced with fibreglass. Gears and transmission components are made of machined and surface-hardened steel and supported by ball bearings.

Neodymium-Iron-Boron magnets with the following technical features:

Energy produced	Bh max-Mg.Oe	33-35
Residual induction	Br-Gauss	11000/12000
Coercive force	Hc-Oersted	10000
Maximum operating temperature	°C	120
Curie Temperature	°C	310
Reversible temperature coefficient	°C	-0.12%

Corner Key Drive Mechanisms

Nylon casing with toothed cone gears, suitably supported by bearings.

Head rails

Extruded aluminium, A6063S-T5 alloy.

Dimensions: width 18 mm, height 41 mm (including projection).

Powder-coated to colour coordinate with the slats. Includes interlocking mechanism for quick assembly with upper and lower "U"-shaped spacer bars.

Slats

Aluminium, AA6011-T8 alloy. Dimensions: width 12.5 mm, thickness 0.2 mm.

High-resistance polyester paint. Available colours: nine.

Non-fogging treatment to eliminate possible emissions of chemical products inside the glass under exposure to UV rays and heat.

Solar and light performances referring to the slats only

Slat colour	S102	S106	S125	S130	S142	S149	S155	S156	S157
Solar reflection %	70	62	57	58	65	68	42	65	43
Light reflection %	78	72	63	65	69	75	48	62	44
Solar absorption %	31	38	43	42	35	32	59	35	57

Bottom rail

Extruded aluminium, A6063S-T5 alloy. Dimensions: width 14 mm, height 11 mm.

Powder-coated to colour coordinate with the slats. Made up of two connected profiles.

Ladder tape

Thermo-fixed 100% polyester with 10-mm pitch. Excellent dimensional and colour stability to UV rays. Treated to eliminate possible emissions of chemical products inside the double-glazed unit under exposure to UV rays and heat. Colours coordinated with the slats.

Cords

Thermo-fixed 100% polyester. Excellent dimensional stability. Diameter: 1 mm with inner core.

Colour: white.

Spacer bar

Extruded aluminium, available in 2 versions per system:

SL20B: 20 x 6.5 mm spacer bar with 2 mm "U" section; 20 x 6.5 mm spacer bar with 8-mm projection.

SL22B: 22 x 6.5 mm spacer bar with 2 mm "U" section; 22 x 6.5 mm spacer bar with 8-mm projections.

Control device

Slim-line knob (1:4 reduction ratio).

