



Jumbo J2 cantilevered sliding gate

The Jumbo J2 cantilevered sliding gate is the youngest generation in the Jumbo series of sliding gates for large passages. The lower beam of the gate wing has now become a modern looking C-profile and the portals also got an update in form and function.

The Jumbo J2 cantilevered sliding gate is intended for closing entrances and passages having a width of 6 to 13 meters. That is why the construction of the gate wing is very solid, so that a great stability can be guaranteed. The bigger gates for passages from 11 meters and larger, have a supplementary portal for even more stability.

The portals have a connecting cover, that can contain accessories such as a blinking warning light or optional passage lighting. Thus taking care of a good protection of these parts and offering a nicer look due to the flush mounting rather than mounting on the portal.

The Jumbo J2 sliding gate is available in all standard colours from Kopal. Other colours are available as an option.

Jumbo J2 sliding gate



Construction

The Jumbo J2 cantilevered sliding gate has a steel lower beam in C-profile of 280/200/5 mm and an upper beam of 100/60/3 mm. The gate wing is equipped with bars having a distance between them of 135 mm a.o.a. and intermediate reinforcement tubes that divide the gate wing in equal sections. The back of the gate wing has a diagonal tensioning rod with tensioner. In the larger gates having a passage width from 11 meters, a diagonal tensioning rod is also applied at the passage side. Manual gates have a rotating lock with 3 keys by default. The distance between ground level and the lower beam is 10 cm (adjustable by -2/+2 cm).

Guidance

An incorporated train system made of heavy profile tube and 4 vertical carrying wheels of Ø270 mm, and 2 horizontal guidance wheels of Ø180 mm takes care of a perfect alignment of the track the gate wing follows. On top, 2 plastic guidance wheels with dust and water resistant ball bearings guide the gate wing. In open position a rubber buffer is installed and the gate wing is carried by a cylindrical roll on ball bearings, welded on a base plate.

Portals

A standard Jumbo J2 has 1 stop portal and 1 guidance portal. Longer gates with a passage of 11 meters or more have an extra guidance portal. The portals are made of 2 vertical profiles of 160/80/3 mm, welded on a steel base plate of 515/360/12 mm, meant to be mounted on concrete foundations. At the top, the portals have a connecting cover in which accessories can be mounted.

Finish

All parts are made of galvanized steel, with a powder coating in a standard RAL colour. Other colours are also possible.

For the gate colour, it is important to consider the place where the gate will be installed. When sunlight hits the lower beam, it is possible that the latter expands considerably, especially when it has a dark colour. Avoid dark colours for gates that are oriented to the south side. The expansion can be the cause of a temporary deformation of the gate wing. This has no influence on the life span of the gate.

Standard heights Jumbo J2 cantilevered sliding gate (m)	Standard passages Jumbo J2 cantilevered sliding gate (m)
1.00	6.00
1.25	7.00
1.50	8.00
1.80	9.00
2.00	10.00
2.25	11.00
2.50	12.00
	13.00

STANDARD COLOURS	RAL CODE	
moss green	RAL 6005	
pine green	RAL 6009	
stone gray	RAL 7030	
quartz gray	RAL 7039	
anthracite gray	RAL 7016	
pure white	RAL 9010	
brilliant black	RAL 9005bl	
mat black	RAL 9005m	
Other colours on demand		
Shown colours can differ from the true colours. Always use colour samples to choose your colour.		

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