

INDICATIVE SHUTTER WEIGHTS

MATERIAL	kg/m ²
Extruded aluminium with polyurethane foam	07 - 09
Extruded aluminium	08 - 10
PVC	06 - 08
Steel with polyurethane	10 - 12
Wood	10 - 12

NOTE: the values shown in the table may be doubled based on the thickness of the material used. The presence of strong frictions can also affect the effective weight the motor must lift.

VERTICAL AWNINGS OR INSECT SCREENS

To automate vertical awnings or insect screens, simply take into account the weight of the bar used to keep the screen tight.

To calculate the weight of the shutter, multiply the value of the surface in m² (base x height) by the weight per m² of the material used.

$$\text{SURFACE m}^2 (\text{BASE} \times \text{HEIGHT}) \times \text{WEIGHT PER m}^2 = \text{WEIGHT OF THE SHUTTER kg}$$

SENA Ø35 mm TUBULAR MOTORS FOR SHUTTERS

Slatted shutter max height 40 mm max thickness 9 mm

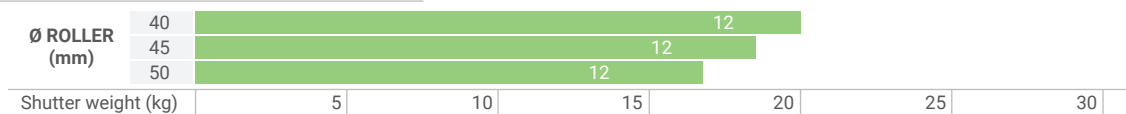
SHUTTER HEIGHT UP TO 1.5 m



SHUTTER HEIGHT FROM 1.5 m TO 2.5 m



SHUTTER HEIGHT FROM 2.5 m TO 3.5 m



Ø 35 mm

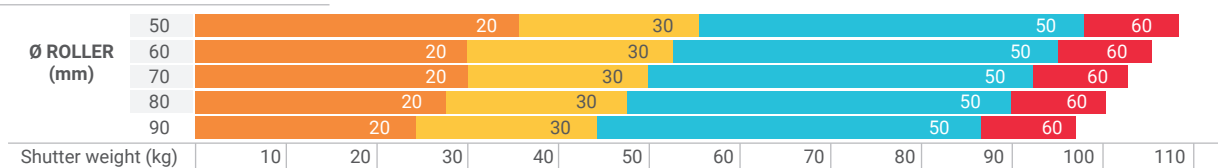
MODELS

Mechanical limit switch	SNC3512
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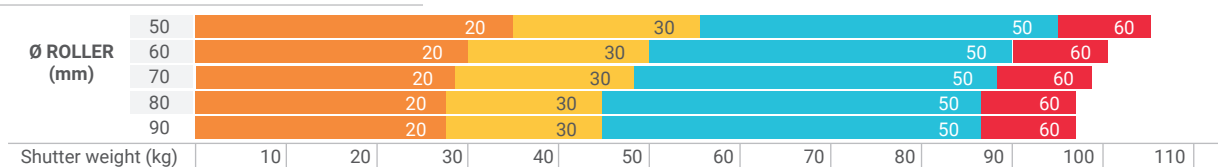
SENA Ø45 mm TUBULAR MOTORS FOR SHUTTERS

Slatted shutter max height 55 mm max thickness 14 mm

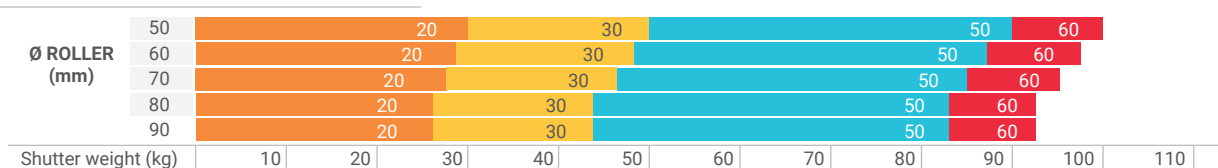
SHUTTER HEIGHT UP TO 1.5 m



SHUTTER HEIGHT FROM 1.5 m TO 2.5 m



SHUTTER HEIGHT FROM 2.5 m TO 3.5 m



Ø 45 mm

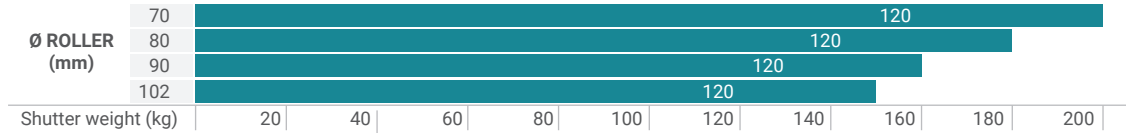
MODELS

Mechanical limit switch	SNC4520	SNC4530	SNC4550
Mechanical limit switch with emergency override mechanism			SNCM4560

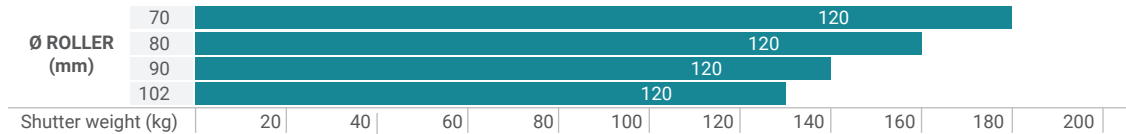
URAL Ø59 mm TUBULAR MOTORS FOR SHUTTERS

Slatted shutter max height 55 mm max thickness 14 mm

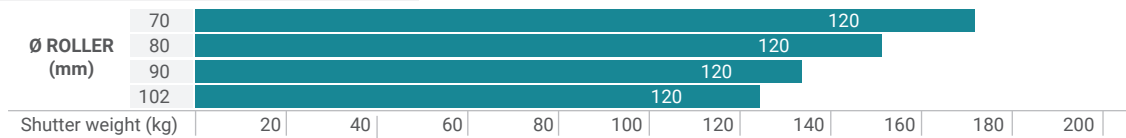
SHUTTER HEIGHT UP TO 1.5 m



SHUTTER HEIGHT FROM 1.5 m TO 2.5 m



SHUTTER HEIGHT FROM 2.5 m TO 3.5 m



Ø 59 mm	MODELS
Mechanical limit switch	URC59120
Mechanical limit switch with emergency override mechanism	URCM59120

TUBULAR MOTORS FOR AWNINGS

AWNING ROLLER Ø 50 mm

EXTENSION ARMS	NUMBER OF ARMS →	2		4		6		8	
		1,5 m	2,0 m	1,5 m	2,0 m	1,5 m	2,0 m	1,5 m	2,0 m
1,5 m		20 Nm	20 Nm	20 Nm	20 Nm	30 Nm	30 Nm	50 Nm	50 Nm
2,0 m		30 Nm	30 Nm	30 Nm	30 Nm	50 Nm	50 Nm	60 Nm	60 Nm
2,5 m		30 Nm	30 Nm	30 Nm	30 Nm	50 Nm	50 Nm	60 Nm	60 Nm
3,0 m		30 Nm	30 Nm	50 Nm	50 Nm	60 Nm	60 Nm	60 Nm	60 Nm
4,0 m		50 Nm	50 Nm	60 Nm	60 Nm	60 Nm	60 Nm	60 Nm	60 Nm
5,0 m		60 Nm	60 Nm	60 Nm	60 Nm	60 Nm	60 Nm	60 Nm	60 Nm

AWNING ROLLER Ø 60/70 mm

EXTENSION ARMS	NUMBER OF ARMS →	2		4		6		8	
		1,5 m	2,0 m	1,5 m	2,0 m	1,5 m	2,0 m	1,5 m	2,0 m
1,5 m		20 Nm	20 Nm	30 Nm	30 Nm	30 Nm	30 Nm	50 Nm	50 Nm
2,0 m		30 Nm	30 Nm	30 Nm	30 Nm	50 Nm	50 Nm	60 Nm	60 Nm
2,5 m		30 Nm	30 Nm	30 Nm	30 Nm	50 Nm	50 Nm	120 Nm	120 Nm
3,0 m		30 Nm	30 Nm	50 Nm	50 Nm	60 Nm	60 Nm	120 Nm	120 Nm
4,0 m		50 Nm	50 Nm	60 Nm	60 Nm	120 Nm	120 Nm	120 Nm	120 Nm
5,0 m		60 Nm	60 Nm	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm

AWNING ROLLER Ø 80 mm

EXTENSION ARMS	NUMBER OF ARMS →	2		4		6		8	
		1,5 m	2,0 m	1,5 m	2,0 m	1,5 m	2,0 m	1,5 m	2,0 m
1,5 m		20 Nm	20 Nm	30 Nm	30 Nm	30 Nm	30 Nm	60 Nm	60 Nm
2,0 m		30 Nm	30 Nm	50 Nm	50 Nm	50 Nm	50 Nm	120 Nm	120 Nm
2,5 m		30 Nm	30 Nm	50 Nm	50 Nm	60 Nm	60 Nm	120 Nm	120 Nm
3,0 m		50 Nm	50 Nm	50 Nm	50 Nm	120 Nm	120 Nm	120 Nm	120 Nm
4,0 m		60 Nm	60 Nm	60 Nm	60 Nm	120 Nm	120 Nm	120 Nm	120 Nm
5,0 m		120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm

Ø 45 mm	MODELS			
Mechanical limit switch		SNC4520	SNC4530	SNC4550
Mechanical limit switch with emergency override mechanism				SNM4560

Ø 59 mm	MODELS
Mechanical limit switch	URC59120
Mechanical limit switch with emergency override mechanism	URCM59120