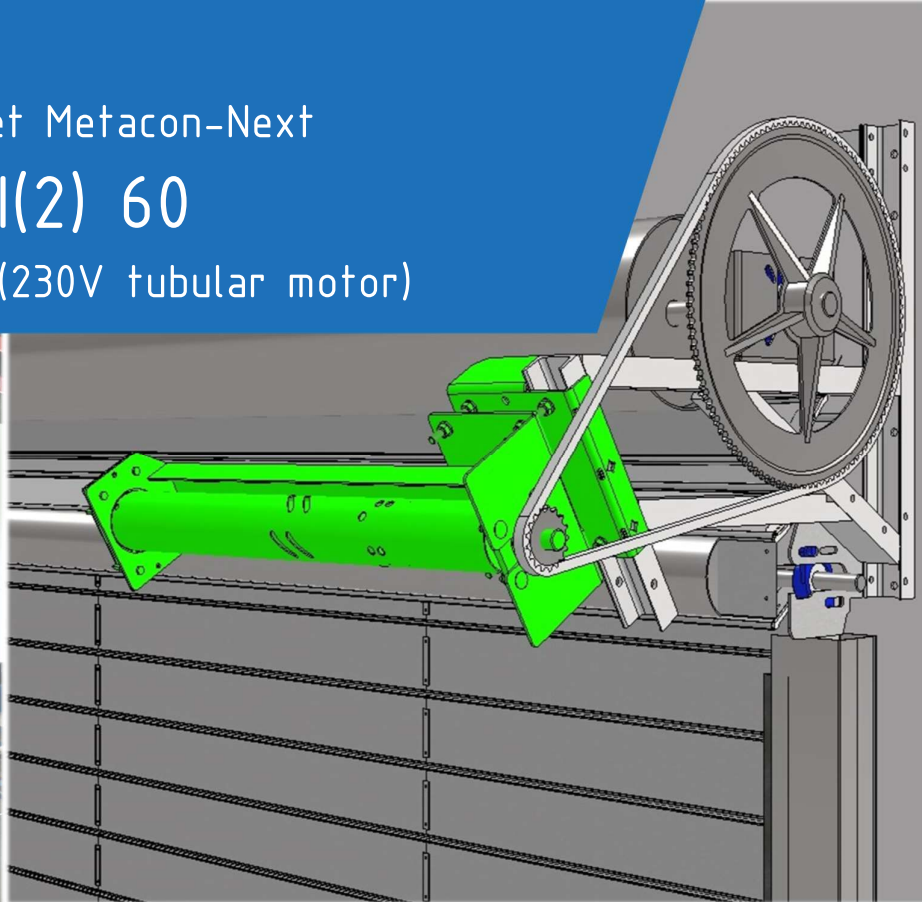


Product specification sheet Metacon-Next

RGS EI(1) 30 / EI(2) 60

fire rated roller shutter (230V tubular motor)



FEATURES

| | |
|------------------------------------------|------------------------------------------------------------------|
| Tested according | EN 1634-1 |
| Classified according | EN 13501-2 |
| CE marked according | EN 13241, EN 16034 |
| Fire classification according EN 13501-2 | EI(1) 30, EI(1) 45 EI(2) 30, EI(2) 60 |
| CE certificate number | 1812-CPR-2034 |
| Min. dimensions (opening measures) | width 500 mm, height 500 mm, opening $\pm 0,25$ m ² |
| Max. dimensions (opening measures) | width 5.000 mm, height 3.500 mm, opening ± 10 m ² |
| Cycles max. per day | 0 cycles (waiting door) |
| Cycle test | C0 (< 500 cycles) |
| Opening speed | ± 30 mm/sec |
| Closing speed | ± 30 mm/sec |

RGS EI(1) 30 / EI(2) 60

Slats

| | |
|-----------|-------------------------------------------------|
| Height | 150 mm |
| Thickness | 60 mm |
| Weight | 35 kg/m ² |
| Material | shells galvanized steel, fire-resistant filling |

Side guides

| | |
|----------|------------------------------------------|
| Measures | width 125, 150 mm per side, depth 115 mm |
| Material | galvanized steel |

Consoles/brackets

| | |
|----------|--------------------|
| Types | UNP S-80, S-100 |
| Material | electro galvanized |

Safety

| | |
|--------|---------------------|
| Safety | safety catch device |
|--------|---------------------|

Installation surfaces

| | |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| Permitted installation substrates | aerated concrete, sand-lime brick, concrete, masonry, fire-resistant steel construction |
|-----------------------------------|-----------------------------------------------------------------------------------------|

OPTIONS

| | |
|-------------------------------------------|--------------------------------------------------------------------------------------------|
| Indoor/outdoor application possible | yes |
| Wind class | till wind class 3 (> 700 Pa) |
| Cover box, galvanized, for roll and motor | yes |
| Optional color parts by coating | various RAL, NCS, Sikkens colors (gloss level \pm 40%, layer thickness 80 to 100 μ) |
| Optional parts in stainless steel | INOX 304 or 316; only side guides, cover box |

RGS EI(1) 30 / EI(2) 60

OPERATION



Self-closing tubular motor

Control box

Required power supply

Cable length at tubular motor

Cable length at control box

Maximum cycles per day

Standard

Batteries

Signaling

External switches

SIMU T8F 300

Metacon-Next FireRoll

1N~230 Vac

1.000 mm

1.500 mm

2 cycles

deadman's mode (hold switch, release to stop the door)

integrated batteries in the control box for backup system

signals

externally connectable optical (white/red) / acoustic (100

dB) signals

push button switch up-down

key switch up-down

RGS EI(1) 30 / EI(2) 60

Specifications tubular motor SIMU T8F 300

| type | specification |
|----------------------------------|-----------------|
| Rated torque (Nm) | 300 |
| Drive speed (min ⁻¹) | 8 |
| Limit switch range | 21 revolutions |
| Connection voltage | 230V AC / 50Hz |
| Connecting power (W) | 855 |
| Rated current consumption (A) | 3,9 |
| Protection class | IP 44 |
| Motor cable | 1 mtr. 10 cores |
| Operating temperature | +5°C and +40°C |

Specifications control box Metacon-Next FireRoll

| type | specification |
|-------------------------------|---------------------------------------------------|
| Weight | 1,5 kg |
| Height | 285 mm |
| Width | 195 mm |
| Depth | 100 mm |
| Electricity consumption | max. 1.1 kW |
| Nutrition | 1N~230Vac +/-10%, 50/60 Hz |
| Fuse | max. 6.3 A slow |
| Engine power | max. 1.1 kW |
| Current | max. 3,9 A |
| Brake | 24 Vdc |
| Control voltage | 24 Vdc |
| Control power | 225 mA |
| External power supply | 24 Vdc |
| External power supply current | max. 675 mA |
| Relay outputs | potential-free changeover contacts |
| Load relay outputs | max. ohmic load = 1 A / Max. inductive load = 1 A |
| Protection class | IP 40 |
| Ambient temperature | +5...+40°C |
| Relative humidity | max. 93% (non-condensing) |
| Vibration | vibration-free mounting (e.g. brick wall) |