

# S800 ENC

## 230V Underground hydraulic operator



Max width single leaf

2 - 4 m

Max weight

800 Kg

Use frequency (cycles/hour)

45 - 30



- Underground operator with hydraulic technology 230V.
- Absolute magnetic encoder (for ENC models) with integrated BUS 2easy (non polarized two wires connection).
- Integrated Positive Stops, possibility to avoid mechanical stops installation. **FAAC Patent.**



**SAFEzone system:**  
S800 ENC + E045  
or E145



**GREENTech system:**  
391 24V + E124



### DIMENSIONS AND TECHNICAL SPECIFICATIONS

| Model                         | S800 ENC CBAC 100°   | S800 ENC SBW 100° | S800 ENC CBAC 180°   | S800 ENC SBW 180° |
|-------------------------------|--|-------------------|--|-------------------|
| Power supply voltage          | 220-240V~ 50/60 Hz   |                   |  |                   |
| Motor                         | Asynchronous single phase                                    |                   |  |                   |
| Max. power                    | 220 W  |                   |  |                   |
| Max. angular speed            | 7.8°/s   |                   |  |                   |
| Max. leaf weight              | 800 Kg   |                   |  |                   |
| Operating ambient temperature | -20°C ÷ +55°C  |                   |  |                   |
| Protection class              | IP67   |                   |  |                   |
| Weight                        | 16 Kg  |                   | 16,5 Kg  |                   |
| Use frequency                 | 45 cycles/hour   |                   | 30 cycles/hour   |                   |
| Max. leaf width               | 2 m  | 4 m               | 2 m  | 4 m               |
| Type of oil                   | FAAC HP OIL  |                   |  |                   |
| Dimensions (LxDxH)            | Operator 380 x 220 x 160 - foundation box 507 x 283 x 200 mm |                   | operator 450 x 220 x 160 - foundation box 507 x 283 x 200 mm |                   |
| Electronic equipment          | Not included   |                   |  |                   |

## FAMILY MODELS

| Model              | Item code |
|--------------------|-----------|
| S800 ENC CBAC 100° | 108800    |
| S800 ENC CBAC 180° | 108801    |
| S800 ENC SBW 100°  | 108802    |
| S800 ENC SBW 180°  | 108803    |
| S800 CBAC 100°     | 1088002   |
| S800 CBAC 180°     | 1088012   |
| S800 SBW 100°      | 1088022   |
| S800 SBW 180°      | 1088032   |

## PACKS

**S800 ENC includes:** a hydraulic operator with hydraulic lock in opening/closing ((CBAC)), without lock (SBW), an absolute magnetic encoder, a release and adjusting key.

**The foundation box includes:** a foundation box in cataphoresis treated aluminium with anti-rotation pin, a cover in polished stainless steel.

Typical Installation Examples page. 340

## ELECTRONIC CONTROL UNITS



E045 electronic control unit  
Info at page 144

790005



E145 electronic control unit  
Info at page 146

790006

## ACCESSORIES



Enclosure mod. L for electronic control units

720118



Enclosure mod. E for electronic control units

720119



Enclosure mod. LM for electronic control units

720309

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BUS XIB interface (for E045 or E024S control unit with non BUS photocell)

790062



Foundation box

490112



Stainless steel foundation box

490113



Hydraulic release device (to be used with code 390972) for CBAC-SBW operators

390035



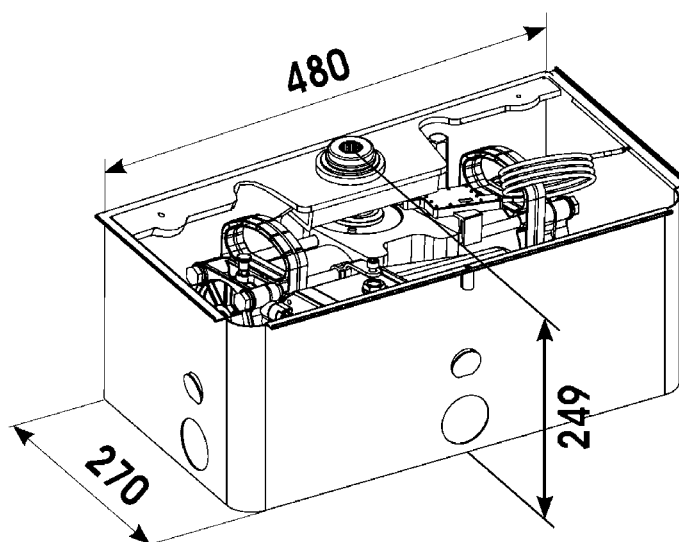
Splined joint group kit for CBAC or SBW operators

390972

Release lock with customised key for cod. 390035

71209101-36

## INSTALLATION DIMENSIONS (MM)



### OTHER ACCESSORIES

Key operated buttons  
page 176

Safety devices  
page 190

Transmitters and receivers  
page 168

Photocells and columns  
page 186

Flashing lights  
page 198

Various accessories  
page 200