ERMATIC

ER9G100045

CHANNEL GRATING

Class F900
EN124-2 : 2015
EN GJS 500-7 Iron
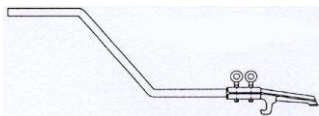**ISO 1083 / EN1563**

DESIGN FEATURES :

- *Material(s) :*
  SG Iron 500-7
  ISO 1083 / EN1563

- *Design load :*
  900 kN to EN124, Group 6 installation area :
  areas imposing particularly high wheel loads,
  e.g. aircraft pavements, and lower groups.

- *Coating :*
  All the parts other than machined or in
  contact with the rebate concrete are covered
  with a non toxic waterbased black paint.

- *Product Certification :*
  KITEMARK

SPECIAL FEATURES :

- *Mass :*
  Grating : 115 kg.
  Product total : 170,892 kg.

- *Surface finish :*
  Smooth flat finish without raised pattern.

- *Frame type :*
  Rectangular by screw/nuts and aluminium
  seal coupling.
  Depth : 125 mm

- *Grating type :*
  Flat grating.

- *Waterway :*
  Grating waterway : 2038 cm²

- *Frame bearing pressure :*
  $p \leq 7.5$ N/mm².

- *Securing of cover/grating within frame :*
  By design specific features.
  Depth of insertion : e= 80 mm.

- *Seatings ensure non-rock stability and silence :*
  The oblique and horizontal faces of the
  frame and the covers are machined in order
  to obtain a metal on metal contact between
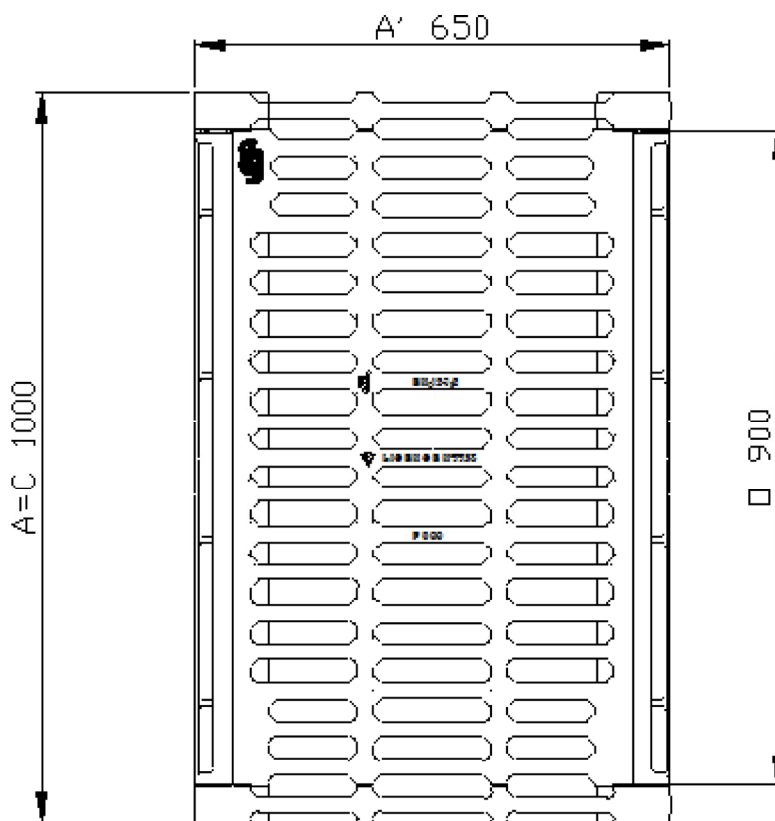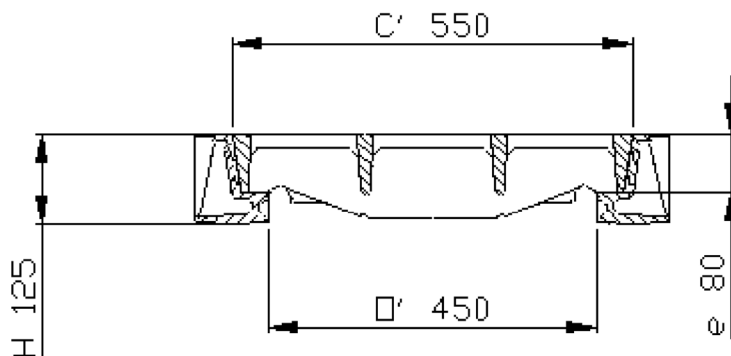 seatings with a 0.2mm tolerance.

HANDLING :

Easy covers displacement on slides,
excluding total uprising thanks to EM keys,
and protecting the machined faces.
ERMATIC "EM" key : ergonomics ensuring
safety and handling effort reduction (sold
separately).

CIVIL ENGINEERING :

See intallation recommendations : ndp

- Weights (kg), dimensions (mm), and drawings provided for your guidance.
- We reserve the right to modify specifications without prior notice.
- Uncontrolled distribution.

Data sheet :
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