# STORA DRAIN

# OPTIMA - SUMP UNIT

## DRAINAGE SOLUTION

Class:
D400 & E600
EN1433:2002

## DESIGN FEATURES:

### - Material(s):

- SG Iron 500/7 to ISO 1083/EN1563
- Polymer resin concrete

### - Design Load:

- 400 kN to EN1433:2002, Group 4
- 600 kN to EN1433:2002, Group 5

### - Installation Area:

For **D400**:
- Areas subjected to light traffic, hard shoulders, parking areas for all types of road vehicles.

For **E600**:
- Areas subjected to high wheel loads, e. g. ports and dock sides.

### - Coating:

- Non toxic, water based paint.

## SPECIAL FEATURES:

### - Locked as standard:

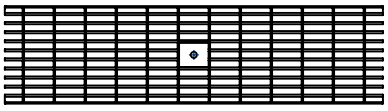
Locked with:
1 No. M8x60 Hex bolt for 500mm long channels;

### - Compliance to:

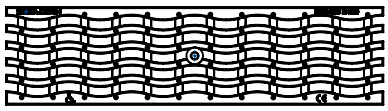
- EN1433:2002

### - Grating options:

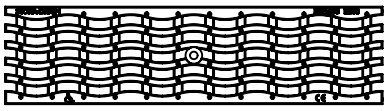
**D400**
- Galvanized mesh grating 25x10



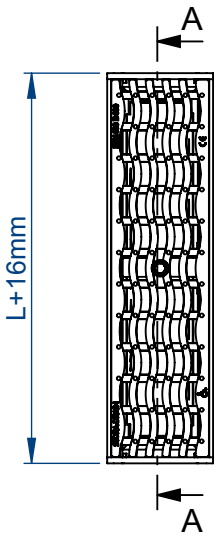
**D400**
- Ductile iron grating "WAVE"

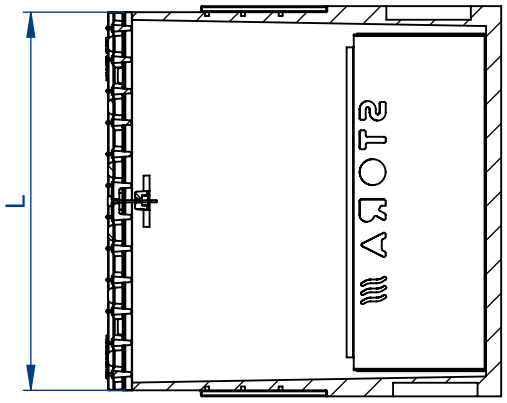


**E600**
- Ductile iron grating "WAVE"

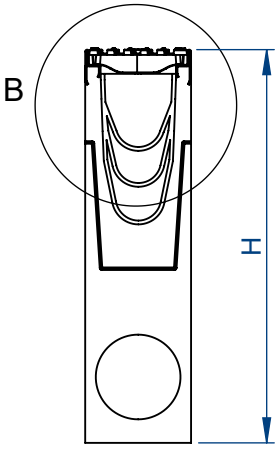


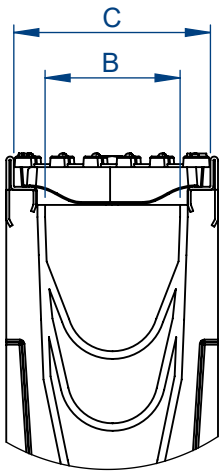
- Weights (kg), Dimensions (mm) & Drawings provided for your guidance.
- We reserve the right to modify specifications without prior notice
- Due to casting tolerances dimensions may vary
- Uncontrolled distribution



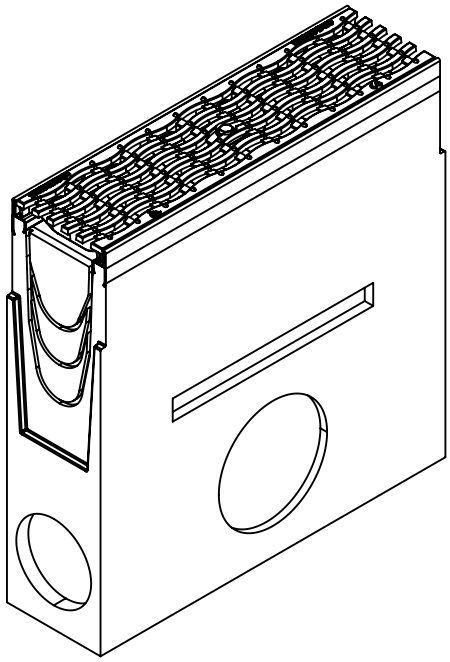




SECTION A-A




DETAIL B



Property of EJ EMEA

Not to be used without permission

**Patent Protected**

**EJ**

Liberty House: Liberty Business Park: Attleborough
Nuneaton: Warwickshire: CV11 6RZ:
**www.ejco.com**

Quality System ISO 9001

# STORA DRAIN
# OPTIMA - SUMP UNITS
## DRAINAGE SOLUTION

Class:
D400 & E600
EN1433:2002

| OPTIMA SUMP UNITS | Product Code | Height "H" | Width (mm) "D" | Grating Width (mm) "C" | Channel Opening Width (mm) "B" | D400 Galvanized Mesh Grating 25x10 | D400 Ductile Iron Grating "WAVE" | E600 Ductile Iron Grating "WAVE" | Outlet Front/Side | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sump Unit 100** L = 500mm | AU11701220 | 500 | 140 | 132 | 100 | ✓ | X | X | ∅110/160 | 33.9 |
| | AU11701356 | 500 | 140 | 132 | 100 | X | ✓ | X | ∅110/160 | 34.7 |
| | AU11701370 | 500 | 140 | 132 | 100 | X | X | ✓ | ∅110/160 | 35 |
| **Sump Unit 150** L = 500mm | AU10401222 | 655 | 190 | 182 | 150 | ✓ | X | X | ∅110/160/200 | 41 |
| | AU10401357 | 655 | 190 | 182 | 150 | X | ✓ | X | ∅110/160/200 | 42.4 |
| | AU10401371 | 655 | 190 | 182 | 150 | X | X | ✓ | ∅110/160/200 | 46.76 |
| **Sump Unit 200** L = 500mm | AU10401358 | 655 | 240 | 232 | 200 | X | ✓ | X | ∅110/160/200 | 58.1 |
| | AU10401372 | 655 | 240 | 232 | 200 | X | X | ✓ | ∅110/160/200 | 62.3 |
| **Sump Unit 300** L = 500mm | AU10601359 | 645 | 340 | 332 | 300 | X | ✓ | X | ∅110/160/200 | 75.1 |

Property of EJ EMEA

Not to be used without permission

**Patent Protected**

**EJ**
Liberty House: Liberty Business Park: Attleborough
Nuneaton: Warwickshire: CV11 6RZ:
www.ejco.com

Quality System ISO9001