

Product Features

- Certified to EN 1433 Load Class E - 135,000 lbs - 2,323 psi
- Uses 'PowerLok' boltless locking system
- Suitable for use with S300K and H300K channels
- Manufactured from ductile iron to ASTM A 536-84 - Grade 304 65-45-12
- Anti-Shunt lugs



Specifications

General

The surface drainage system shall be ACO PowerDrain or SlabDrain, complete with ACO ductile iron longitudinal grate with 'PowerLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

The covers shall be manufactured from ductile iron and have **minimum** properties as follows:

- **Independently certified to meet Load Class E to EN 1433 - 135,000 lbs - 2,323 psi**
- **Ductile iron to ASTM 536-84 - Grade 65-45-12**
- **Intake area of 348 sq. cm per ½ meter of grate**

The overall width of 13.25" (337mm) and overall length of 19.68" (500mm). Slots measure at a maximum of 0.75" (19mm).

Grate

Grate is longitudinal ductile iron. Ductile iron ASTM 536-84 - Grade 65-45-12. After removal of grates there shall be uninterrupted access to the trench to aid maintenance. Grates can be used for PowerDrain or SlabDrain.

Installation

The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

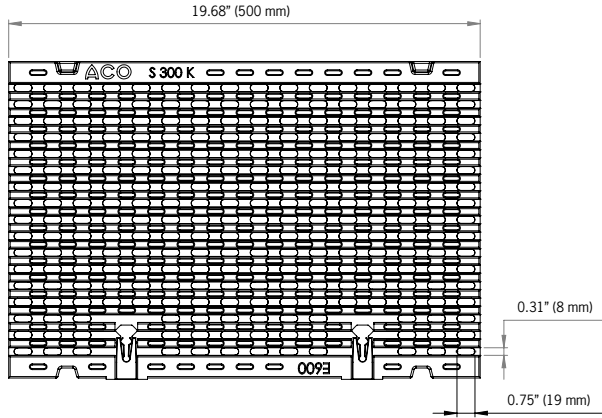
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ACO DRAIN

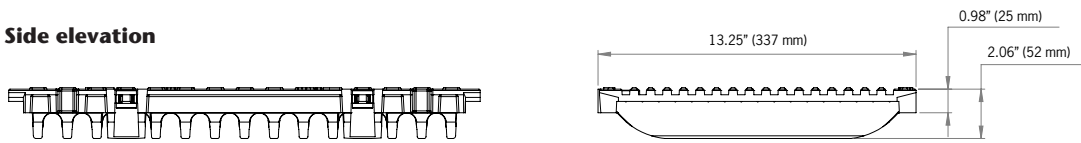
12" width - ductile iron longitudinal grates



Plan view

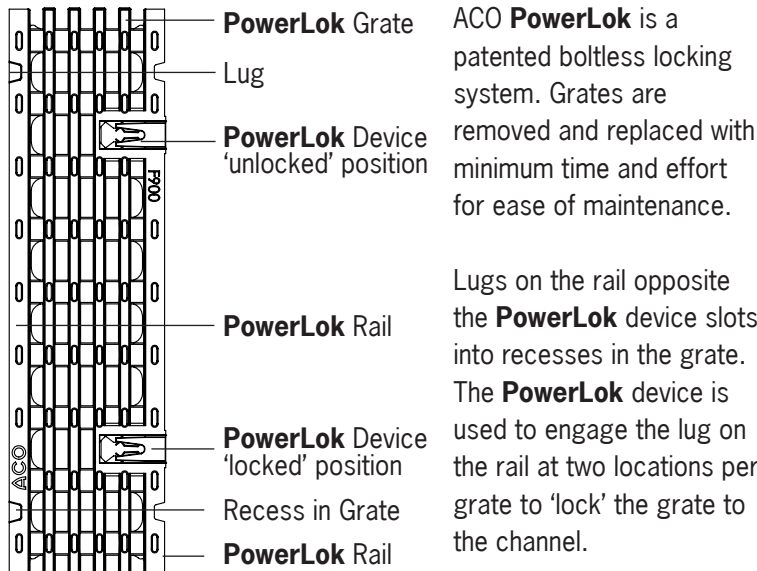


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
PowerLok grate SK3 ductile iron longitudinal grate - CI E	96833	19.67 (500)	13.25 (337)	64.0

PowerLok locking mechanism



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