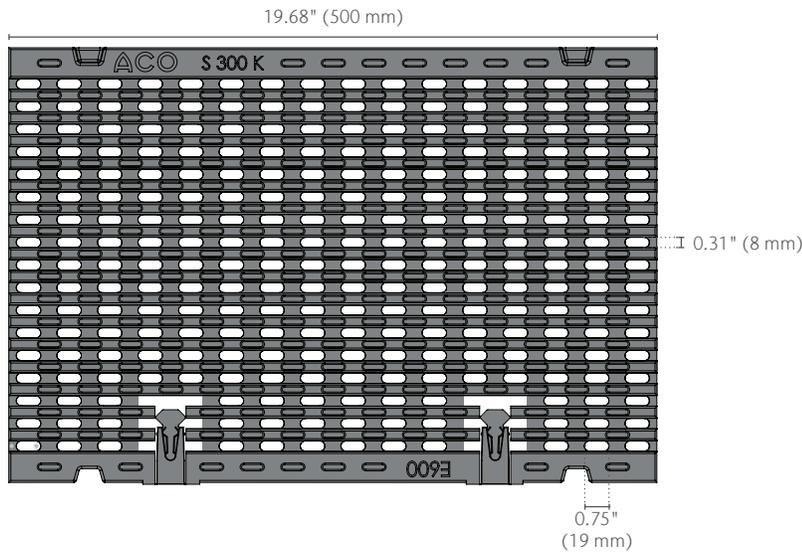


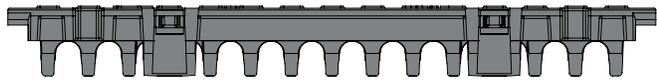
# S300K Ductile Iron Longitudinal Grate



Top



Side



Front



Product Name

S300K Ductile Iron Longitudinal Grate

**Part  
No.**  
**96833**

Length  
in (mm)  
19.67 (500)

Width  
in (mm)  
13.25 (337)

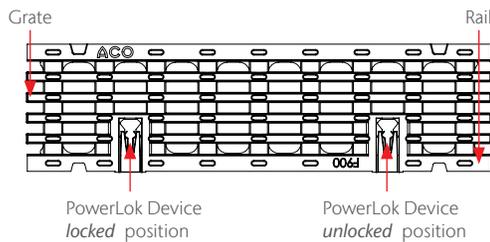
Weight  
lbs  
64.00

# S300K Ductile Iron Longitudinal Grate



## PowerLok® Locking Mechanism

ACO PowerLok is a patented locking system. The PowerLok device is used to engage protrusions on the edge rails of the channel at two locations per channel to lock the grate.



## Specification Summary

### 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, Inc. or similar approved.

### Grates

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.

### Materials

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

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



ADA-compliant per The Americans with Disabilities Act of 2010, Section 302.3



Slip-resistant: BPN > 24 based on Pendulum Test



Australian Standard AS 3996 - 2006 Clause 3.3.6: max slot length dependent on slot width for grates that are deemed Bicycle Tire Penetration Resistant.

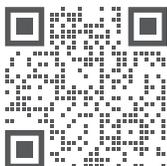


EN1433 Load Class E  
134,885 lbs – 2,785 psi

## ACO, Inc.

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