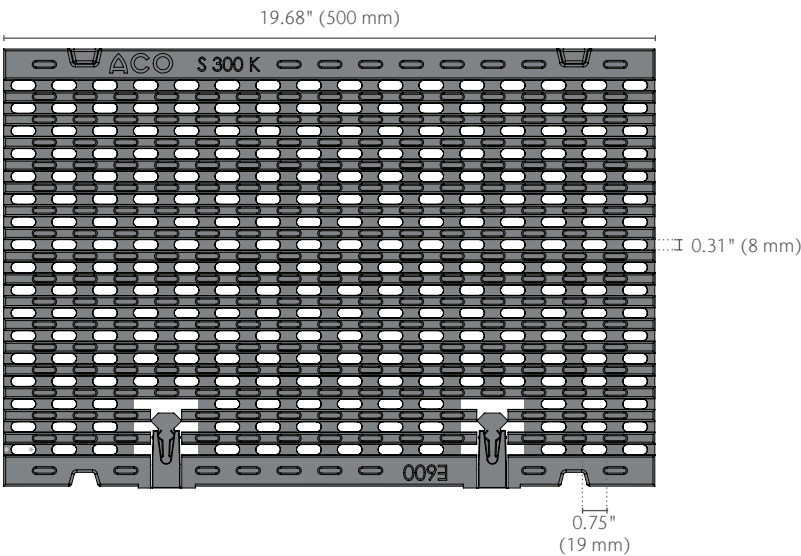


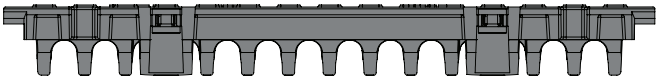
S300K Ductile Iron Longitudinal Grate



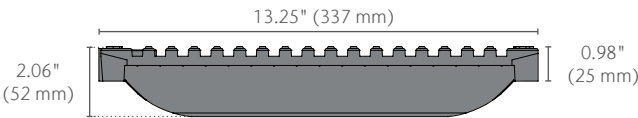
Top



Side



Front



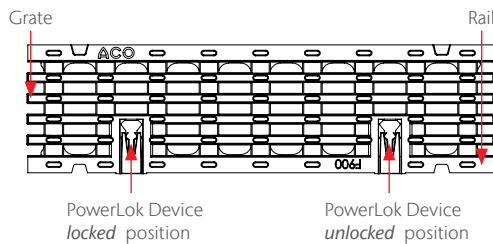
Product Name	Part No.	Length in (mm)	Width in (mm)	Weight lbs
S300K Ductile Iron Longitudinal Grate	96833	19.67 (500)	13.25 (337)	64.00

S300K Ductile Iron Longitudinal Grate



PowerLok® Locking Mechanism

ACO PowerLok is a patented boltless 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.

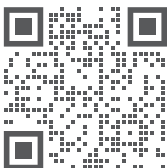


EN1433 Load Class E
134,885 lbs – 2,785 psi

ACO, Inc.

© January 2026 ACO, Inc.

All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. ACO, Inc. reserves the right to change products and specifications without notice.



info@acousa.com
www.acousa.com

