

S300K/H300SK Iron Slotted grate

Product Features



Certified to AS 3996 Load Class G (900kN)
(NATA endorsed load test reports available)



AS 3996 (Clause 3.3.6) compliant for bicycle tyre penetration resistance

- Recesses in grate fit around 'anti-shunt' lugs on the edge rail to prevent longitudinal movement
- **PowerLok** barless and boltless locking system
- Suitable for use with S300K, H300SK channels
- Manufactured from ductile iron to AS 1831 Grade 500-7



Specifications

The grate shall be ACO S300K/H300SK* Iron Slotted grate with **PowerLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 337mm and overall length of 500mm. Slot widths measure at a maximum of 18mm.

Materials & Design

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

- Recesses in grate fit around 'anti-shunt' lugs on the edge rail to prevent longitudinal movement
- Manufactured from ductile iron to AS 1831 Grade 500-7
- Certified to AS 3996 Load Class G (900kN)¹
- Meets AS 3996 (Clause 3.3.6)
- Intake area of 75,500mm² per half metre of grate

¹ NATA endorsed test reports available

For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/resources>

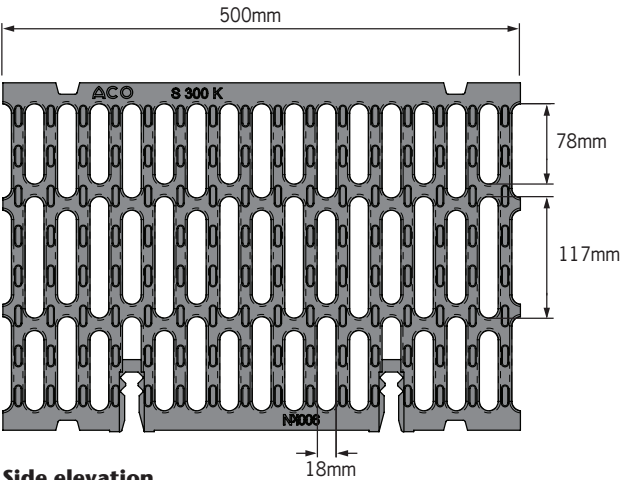
*delete as appropriate

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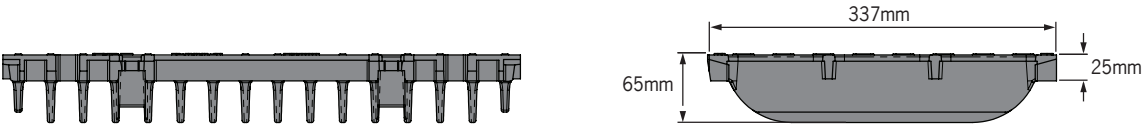
S300K/H300SK Iron Slotted grate



Plan view

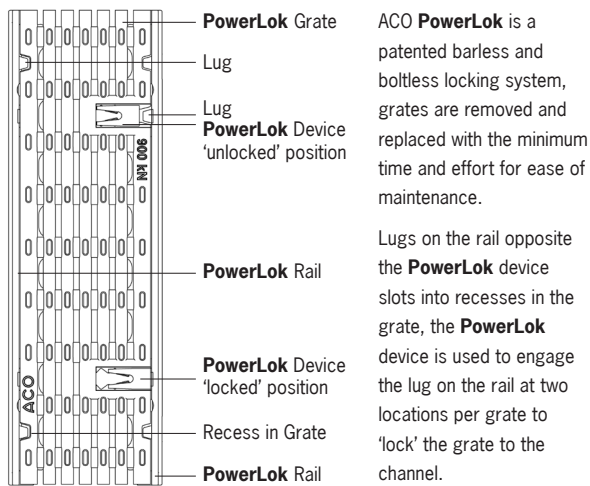


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
PowerLok grate				
S300K/H300SK Iron Slotted	02445	500	337	24.4
Grate removal tool	01318	-	-	0.1
PowerLok safety clip	10443	-	-	-

PowerLok locking mechanism



ACO **PowerLok** is a patented barless and boltless locking system, grates are removed and replaced with the minimum time and effort for ease of maintenance.

Lugs on the rail opposite the **PowerLok** device slots into recesses in the grate, the **PowerLok** device is used to engage the lug on the rail at two locations per grate to 'lock' the grate to the channel.

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