

Product Features



Certified to AS 3996 Load Class D (210kN)
(NATA endorsed load test reports available)



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

- Large aperture inlets for high water intake
- Recesses in grate fit around 'anti-shunt' lugs on the edge rail to prevent longitudinal movement
- PowerLok boltless locking system
- Suitable for use with TD300 channels
- Manufactured from ductile iron to AS 1831 Grade 500-7



Specifications

The grate shall be ACO TD300 Iron Transverse grate with **PowerLok** 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 27mm.

Materials & Design

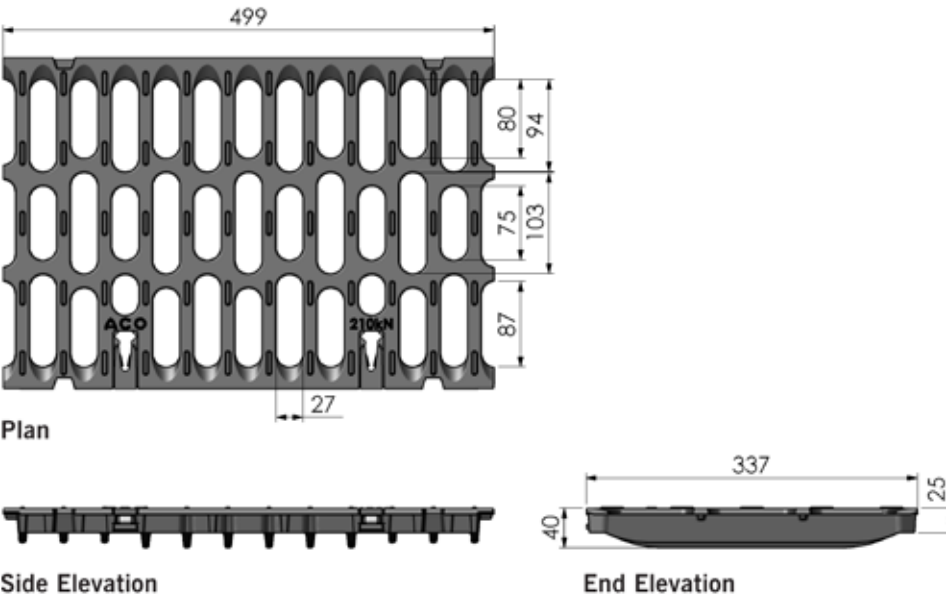
The grate shall be manufactured from ductile iron and have **minimum** properties and characteristics as follows:

- Large aperture inlets for high water intake
- 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 D (210kN)¹
- Meets AS 3996 (Clause 3.3.6)
- Intake area of 76,800mm² per half metre of grate

¹ NATA endorsed test reports available

For the specification of the ACO TraffikDrain channel system selected, click: <https://askaco.nz/aco-traffikdrain/>

TD300 Iron Transverse grate

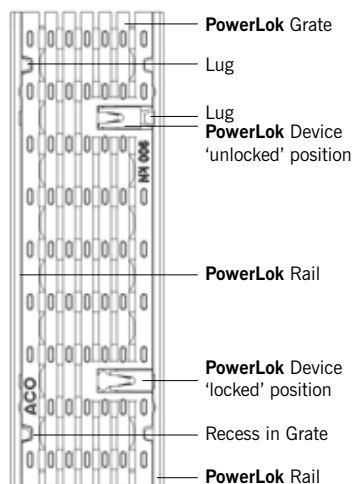


Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
PowerLok grate				
TD300 Iron Transverse	See Notes	500	337	11.2
Grate removal tool	01318	-	-	0.1
PowerLok safety clip	10443	-	-	-

Notes:

1. Grate and **PowerLok** device included in channel part numbers.

PowerLok locking mechanism



ACO **PowerLok** is a patented 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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<https://askaco.nz/aco-traffikdrain/>