

Technical Datasheet Channel Grates

HYDRO DRAIN SUPREME C Series

EXCLUSIVE SUPPLIER OF

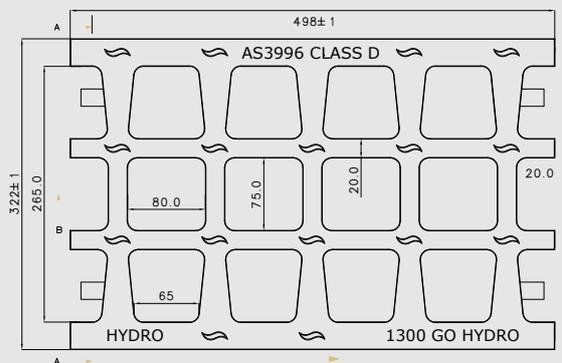


Hydro Supreme Ductile Iron Hi-Flow Grate with Profix Locking System

Certified to AS3996 Load Class D210. Large grate holes maximises water intake and minimises ponding. Fast removal of water from road surfaces. Features longitudinal fixation lugs on the grate and channel edge rail to ensure grate will not move horizontally in the channel recess. Includes KTL Coating which is a finished technological process used for coating of metal surfaces with a thin, solid, one layer, and corrosion-resistant paint coating.

The integrated MEA Profix locking mechanism ensures grate can not move once installation into the channel is completed. Grates suitable for channel systems **HYDRO DRAIN Supreme C3000.0, C3020.0**. For channel units and inline sumps. Total width of grates 323mm. 210Kn, point load approximately 8,000Kgs.

SECTION A-A



material group	product description	material	length [mm]	Hydro Part No.	kg/unit
MD	Ductile iron Hi-Flow Grate with Profix Lock Mechanism	ductile iron	500	723300	15.5

Technical Datasheet Channel Grates

HYDRO DRAIN SUPREME C Series

Profix Locking System

The PROFIX locking system is integrated into the Hi-Flow grate design. PROFIX has no moving parts and guarantees long term functionality under extreme conditions. The grate has been designed to snap securely into the edge of the channel. The integral lugs prevent any movement of the grate.

Remark

- * Please find all technical data of channel units and accessories in the Technical Datasheets channel units. The surface coating of ductile iron parts only has a cosmetic function. Because of surface oxidation, ductile iron is even irresistible against environment influences (e.g. salt solutions for de-icing). Therefore, surface oxidation of ductile iron parts is not admitted as a complaint by MEA. Of course, the resignation of surface coating is in accordance with all corresponding standards.

Specification Info

Hydro Drain Supreme Ductile Iron Hi-Flow grate with Profix Locking System

Load Class D210 to AS3996 (or EN1433 equivalent). Manufactured from Ductile Iron and includes KTL coating. Grate includes integrated profix locking system. Features longitudinal fixation lugs on the grate and recesses in the edge rail to ensure grate will not move horizontally in the channel recess. Supply and installation must be in accordance with the installation instructions from the manufacturer.