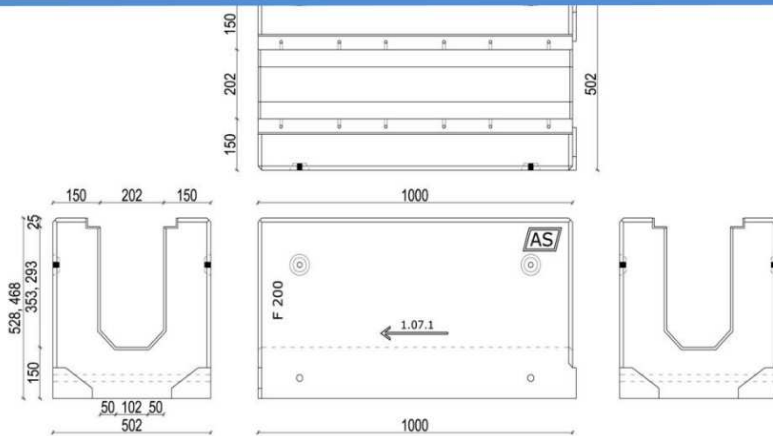




ITEM CF

# AS-200 Type I

CHANNELS OF INTERNAL WIDTH OF 200MM



ITEM CF

## DRAINAGE CHANNELS WITH INTERNAL WIDTH OF 200MM

CF.I.	Part No.	Channels AS-200 Type I	Width [mm]	Height [mm]	Length [mm]	Cross section [cm <sup>2</sup> ]	Inlet area [cm <sup>2</sup> /m]	Weight [kg]	Cast iron grates
CF.I.1.	1.07.1	without slope	502	528	1000	688	883	471.0	
CF.I.2.	1.1	without slope	502	468	1000	567	883	426.0	
CF.I.3.	0.1.07.1	upper drain unit	502	528	1000	688/1172*	883	424.0	kl.C 250 – 15.6 kg
CF.I.4.	0.1.1	upper drain unit	502	468	1000	567/1172*	883	378.0	kl.D 400 – 17.4 kg
CF.I.5.		cover plate with outlet No. 1.07.1	502	528				25.0	kl.E 600 – 22.8 kg
CF.I.6.		cover plate with outlet No. 1.1	502	468				22.0	kl.F 900 – 26.4 kg
CF.I.7.		blind cover plate No. 0.1.07.1	502	528				22.0	
CF.I.8.		blind cover plate No. 1.1	502	468				19.0	

\* drain inlet surface

## Basin Elements

CF.II.	Part No.	MULTIFUNCTIONAL BASIN	Width [mm]	Height [mm]	Length [mm]	Weight [kg]
CF.II.1.	A	pass-through without outlet	382	440	780	212.0
CF.II.2.	A	pass-through with side outlet	382	440	780	201.0
CF.II.3.	A	pass-through with front outlet	382	440	780	201.0
CF.II.4.	B	with bottom, without outlet	382	450	780	242.0
CF.II.5.	B	with bottom, with side outlet	382	450	780	231.0
CF.II.6.	B	with bottom, with front outlet	382	450	780	231.0
CF.II.7.	-	contamination trap	180	250	400	3.8

# PRODUCT CARD

## REINFORCED CONCRETE DRAINAGE GRATE

### AS-200 TYPE I

CE designation- Standard PN-EN 1433:2005  
Declaration of Conformity  
Hygienic Certificate HK/B/0786/01/2011  
Catalogue No CF

#### Intended use – place of application

Applies in areas such as: warehouses, roads, streets, car parks, entries, petrol stations, maneuvering areas, car washes, and areas exposed to very strong loads like airports, docks, military bases etc.

#### 1. Technological capabilities

- possibility to connect parts at some angle and to make cascade connections,
- basins with thrash boxes, covers with a stub pipe, blanking-off covers,
- bodies with holes in the bottom or in the side walls – to drain water,
- marking and numbering facilitates to assemble the parts into appropriate systems.

#### 2. Technological capabilities

##### Dimension:

- length: 1000 mm
- external width: 502 mm
- internal width: 202 mm
- height: 528, 468 mm

**Monolithic channel body** - 'type I' is made of concrete in the C55/67 strength class with polymer additives and reinforced with alkali – resistant glass fibre, which significantly improves channel performance in terms of bending and impact strength. This concrete improves the properties of the channel and makes it more resistant to bending and hitting. They are reinforced and do not require side concreting, but only a footing.

*Concrete is characterized by high resistance to long-term frost exposure and defrosting salts ("+R") and resistance to oil derivatives according to PN-EN 858-1:2005.*

The channel bodies are finished with "male" and "female" cut outs enabling to provide tight connection of AS drainage system elements.

**SUPPORTING SLATS** - are made of hot-dip galvanized rolled steel and are fixed to the body walls. These slats protect the channel edges and constitute solid element to fasten the grates.

**GRATES** – made of cast iron – coated with KTL - in the classes C250 kN, D400 kN, E600 kN and F900 kN.

**GRATE FIXING** – with stainless bolts, screwed into galvanized, threaded seats made in the supporting slats. The fixing seats are through – adapted for cleaning.

**SETTING THE CHANNELS** – should be performed on a concrete footing in accordance with the information in the catalog.

**CONNECTING CHANNELS** – applying frost and water resistant mortars.

#### 3. Quality, workmanship precision and others

This very simple and safe to install and apply product, entirely fabricated of Polish materials by a domestic company is of very high quality.

The top product quality is assured by AS PPH A. Sobiesiak due to applying "High Strength Concrete" and materials protected permanently against corrosion.

The guarantee of the top quality is the ISO 9001:2008 certificate, too.

#### 4. Safety

Using AS drainage systems does not pose any risk to safety during assembly works. General regulations of occupational safety and health for construction and installation works should be observed. Drainage performed with the use of AS system, while observing project-related guidelines and assembly instructions, will help avoid onerous breakdowns and construction degradation. As far as conservation is concerned, it comes down to cleaning channels once a year with the use of inspection chambers.