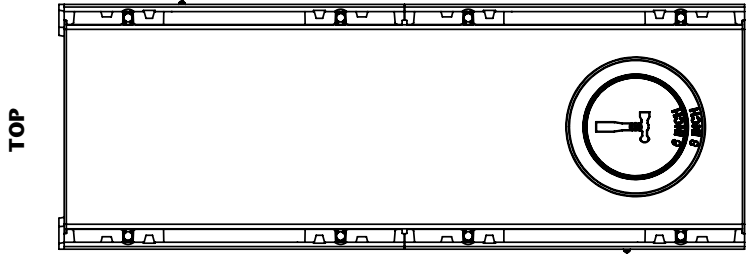
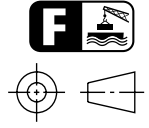
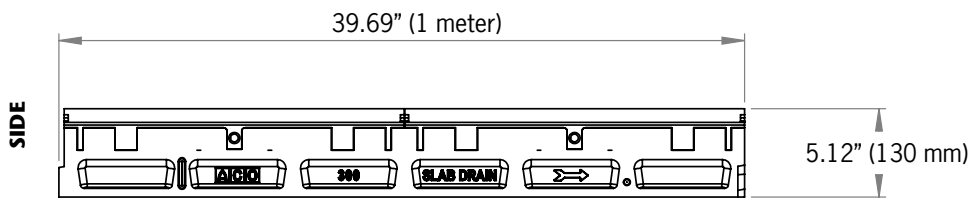


SlabDrain - H300SK-13 iron edge channels

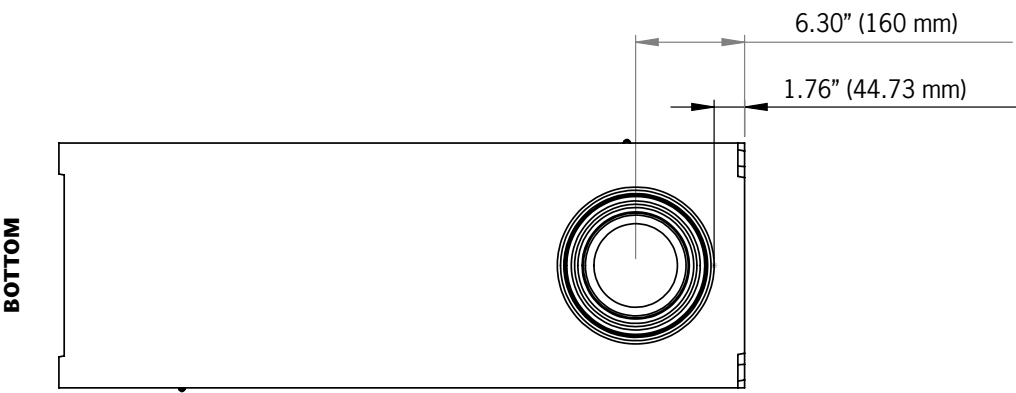
H300SK-13



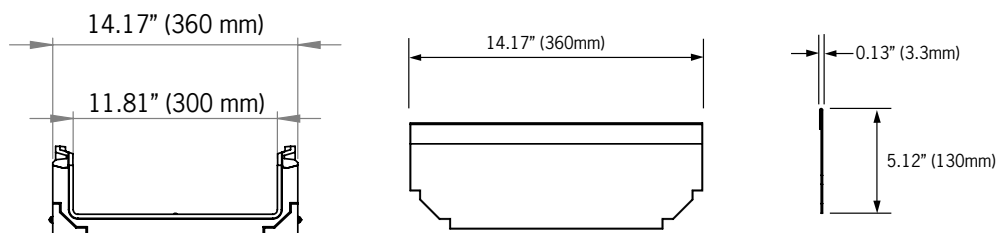
TOP



SIDE



BOTTOM



Outlet flow rates

Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
H300SK-13 channel	6" round	4.00	243	0.54
H300SK-13 channel	8" round	4.00	432	0.96

Note: These are the pipe flow rates at the specified outlet, NOT channel flow rates.

ACO Specification Information



ACO DRAIN

SlabDrain - H300SK-13 iron edge channels



ACO Specification Information

Description	Part No.	Invert Depth		Weight lbs.
		inches	mm	
H300SK-13 - Polyester polymer concrete				
H300SK-13 Neutral channel - 39.37" (1m)	63466	4.00	100	82.2
H300SK-13 closing end cap	93470	4.00	100	1.4
Grate removal tool	01318	-	-	0.3
SK3 ductile iron slotted grate - CI F	02445	4.00	100	50.0
SK3 ductile iron longitudinal grate - CI E	96833	4.00	100	64.0

Notes:

1. Add nominal 1.18" (30mm) to invert depth for overall channel depth.
2. Preformed Sch. 40 6" & 8" dia. drill-out cast on underside of each channel.
3. Use QuickLok/PowerLok grate removal tool to remove grates (Part # 01318).
4. See specification information for grate details.

Specifications

General

The surface drainage system shall be ACO Drain SlabDrain H300SK-13 complete as manufactured by ACO, Inc. or equal approved. (Add appropriate grate - see grate spec information).

Materials

The trench system bodies shall be manufactured from polyester polymer concrete with minimum properties as follows:

Compressive strength: 14,000 psi
Flexural strength: 4,000 psi
Water absorption 0.07%

Frost proof
Salt proof
Dilute acid and alkali resistant

The nominal clear opening shall be 11.81" (300mm) with overall width of 14.17" (360mm). Pre-cast units shall be manufactured with neutral invert and have a wall thickness of at least 0.5" (13mm). Each unit will feature a male to female interconnecting end profile. Units shall have horizontal cast in anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The ductile iron edge rail will be integrally cast in by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 1/4" (6mm) thick.

Installation

The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.

ACO, Inc.

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April 2018

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