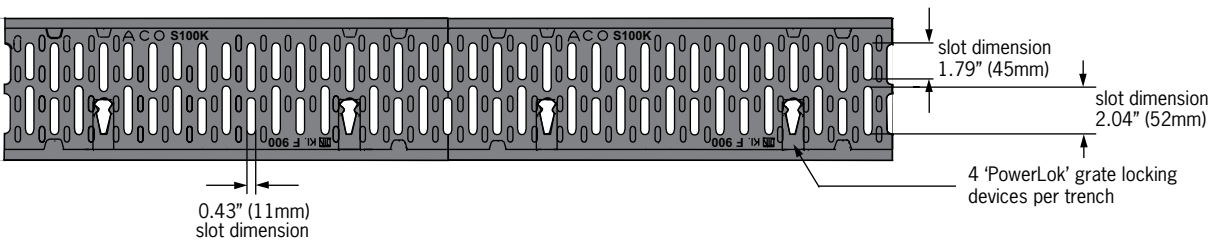


SlabDrain - H100SK-10 iron edged channel with slotted grate

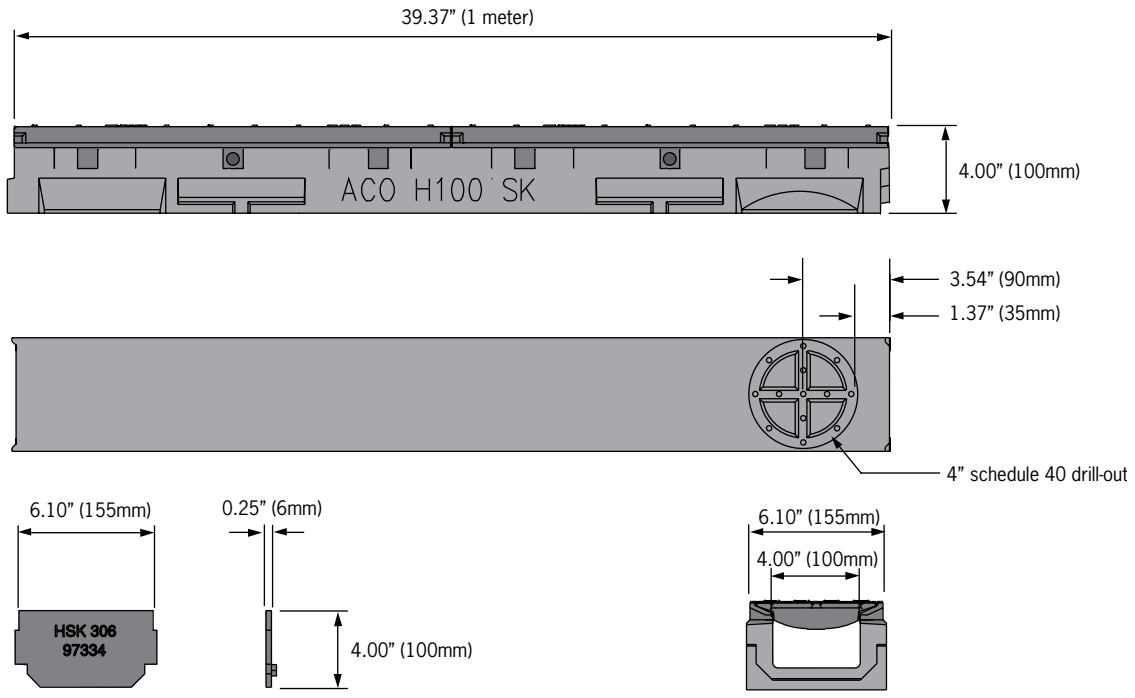


ACO Specification Information

Grate



H100SK-10



Outlet flow rates

Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
H100SK-10 channel	4" round	2.95	93	0.21

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



ACO DRAIN

SlabDrain - H100SK-10 iron edged channel with slotted grate



ACO Specification Information

Description	Part No.	Invert Depth		Weight lbs.
		inches	mm	
H100SK-10 - Polyester Polymer Concrete				
H100SK-10 Neutral channel - 39.37" (1m) complete with slotted ductile iron grate	93408	2.95	75	69.5
H100SK closing cap	93410	2.95	75	1.0
Debris strainer for 4" bottom KO	93488	-	-	0.2
Grate removal tool	01318	-	-	0.3

Notes:

1. H100SK-10 is sold complete. i.e.; channel with grate
2. Add nominal 1.0" (25mm) to invert depth for overall channel depth
3. Preformed Sch. 40 4" dia. drill-out cast on underside of each channel
4. Use QuickLok/PowerLok grate removal tool to remove grates (Part # 01318)
5. Water intake per meter channel is 46 in² (296.77 cm²)

Specifications

General

The surface drainage system shall be ACO Drain SlabDrain H100SK-10 complete with slotted gratings secured with 'PowerLok' locking as manufactured by ACO Polymer Products, Inc. or equal approved.

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 4.00" (100mm) with overall width of 6.10" (155mm). Pre-cast units shall be manufactured with neutral invert and have a wall thickness of at least 0.67" (16mm). 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.

Grates

Slotted ductile iron shall be independently certified to meet Load Class F to EN 1433 - 200,000 lbs or able to withstand 4,182 psi. After removal of grates there shall be uninterrupted access to the trench to aid maintenance.

Installation

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

ACO Polymer Products, Inc.

Northeast Sales Office

P.O. Box 245
Chardon, OH 44024
Tel: (440) 285-7000
Toll free: (800) 543-4764
Fax: (440) 285-7005

West Sales Office

P.O. Box 12067
Casa Grande, AZ 85130
Tel: (520) 421-9988
Toll Free: (888) 490-9552
Fax: (520) 421-9899

Southeast Sales Office

4211 Pleasant Road
Fort Mill, SC 29708
Toll free: (800) 543-4764
Fax: (803) 802-1063

Follow us on



Electronic Contact:

info@ACODrain.us
www.ACODrain.us

