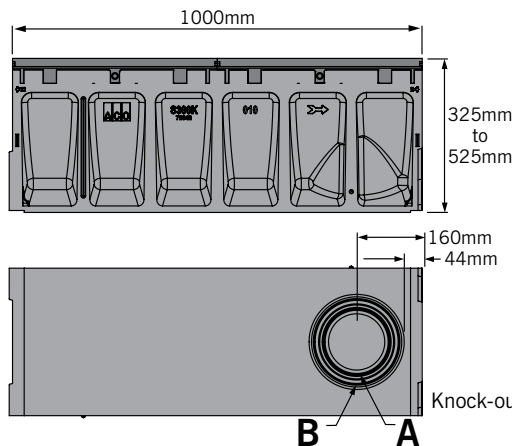


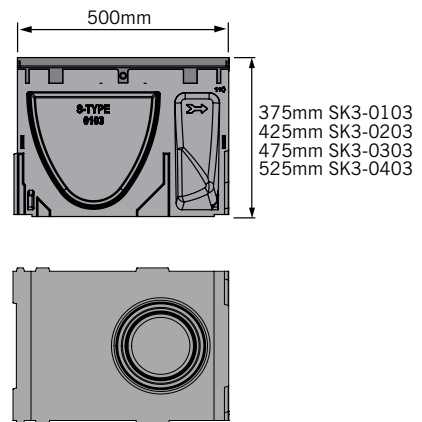
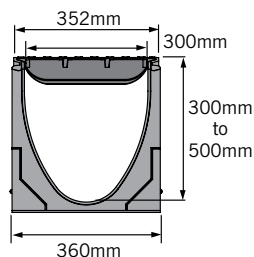


One metre channel

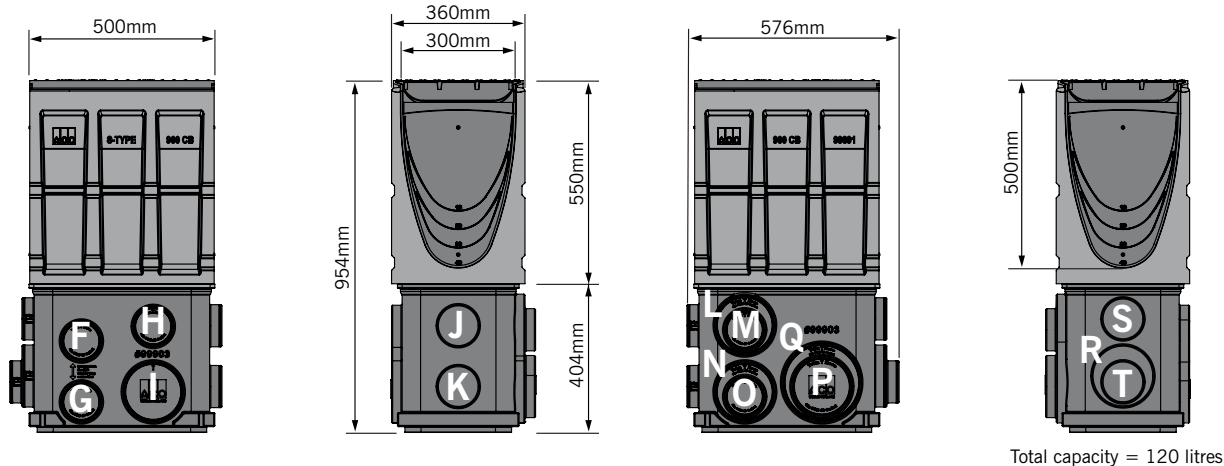


Knock-outs included on every 5th channel

Half metre channel



SK3-903 In-line pit



Total capacity = 120 litres

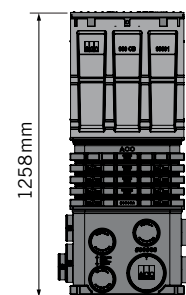
Outlet flow rates

Outlet	Product	Outlet size	Invert Depth (mm)	L/s
A	Bottom outlet - SK3-00	150mm round	300	27.9
A	Bottom outlet - SK3-040	150mm round	500	36.0
B	Bottom outlet - SK3-00	200mm round	300	49.5
B	Bottom outlet - SK3-040	200mm round	500	64.0
C	End outlet - SK3-00	150mm round	300	19.7
C	End outlet - SK3-040	150mm round	500	30.1
D	End outlet - SK3-010	200mm round	350	35.0
D	End outlet - SK3-040	200mm round	500	49.5
E	End outlet - SK3-020	250mm round	400	54.7
E	End outlet - SK3-040	250mm round	500	70.7
F	SK3-903	100mm round	757	18.3
G	SK3-903	100mm round	922	20.5
H	SK3-903	100mm round	717	17.8
I	SK3-903	150mm round	922	44.7
J	SK3-903	100mm round	721	17.8
K	SK3-903	100mm round	886	20.0
L	SK3-903	150mm round	740	39.1
M	SK3-903	100mm round	726	17.9
N	SK3-903	150mm round	922	44.7
O	SK3-903	100mm round	907	20.3
P	SK3-903	150mm round	907	44.3
Q	SK3-903	200mm round	922	76.8
R	SK3-903	150mm round	883	43.6
S	SK3-903	100mm round	702	17.5
T	SK3-903	100mm round	873	19.9

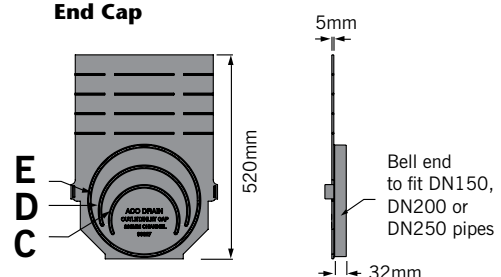
Note: These are the pipe flow rates at the specified outlet, NOT channel flow rates. In-line pit flow rates are without rubbish basket - using rubbish basket reduces flow.

SK3-903 In-line pit with riser

- Notes:
- Riser can be cut down in 25mm increments.
 - Maximum capacity including riser 160 litres.
 - Add 300mm to all heights if using riser.
 - Outlet flow rates will be higher due to increased depth. Contact ACO Sales Office for more details.



End Cap



Bell end to fit DN150, DN200 or DN250 pipes

PowerDrain - S300K Iron edge rail channel system



Description	Part No.	Invert ² (mm)	Weight (kg)	Description	Part No.	Invert ² (mm)	Weight (kg)
SK3-00 Neutral channel - (1m)¹	69041	300	59.1	SK3-28 Sloped channel - (1m)	69028	440	74.1
SK3-1 Sloped channel - (1m)	69001	305	59.1	SK3-29 Sloped channel - (1m)	69029	445	74.7
SK3-2 Sloped channel - (1m)	69002	310	59.6	SK3-30 Sloped channel - (1m) ¹	69030	450	75.3
SK3-3 Sloped channel - (1m)	69003	315	60.2	SK3-030 Neutral channel - (1m)¹	69046	450	75.3
SK3-4 Sloped channel - (1m)	69004	320	60.7	SK3-0303 Neutral channel - (0.5m)¹	69049	450	41.8
SK3-5 Sloped channel - (1m) ¹	69005	325	61.3	SK3-31 Sloped channel - (1m)	69031	455	75.8
SK3-6 Sloped channel - (1m)	69006	330	61.9	SK3-32 Sloped channel - (1m)	69032	460	76.4
SK3-7 Sloped channel - (1m)	69007	335	62.4	SK3-33 Sloped channel - (1m)	69033	465	76.9
SK3-8 Sloped channel - (1m)	69008	340	63.0	SK3-34 Sloped channel - (1m)	69034	470	77.5
SK3-9 Sloped channel - (1m)	69009	345	63.5	SK3-35 Sloped channel - (1m) ¹	69035	475	78.1
SK3-10 Sloped channel - (1m) ¹	69010	350	64.1	SK3-36 Sloped channel - (1m)	69036	480	78.6
SK3-010 Neutral channel - (1m)¹	69042	350	64.1	SK3-37 Sloped channel - (1m)	69037	485	79.2
SK3-0103 Neutral channel - (0.5m)¹	69045	350	35.3	SK3-38 Sloped channel - (1m)	69038	490	79.7
SK3-11 Sloped channel - (1m)	69011	355	64.6	SK3-39 Sloped channel - (1m)	69039	495	80.3
SK3-12 Sloped channel - (1m)	69012	360	65.2	SK3-40 Sloped channel - (1m) ¹	69040	500	80.8
SK3-13 Sloped channel - (1m)	69013	365	65.8	SK3-040 Neutral channel - (1m)¹	69048	500	80.8
SK3-14 Sloped channel - (1m)	69014	370	66.3	SK3-0403 Neutral channel - (0.5m)¹	69050	500	45.5
SK3-15 Sloped channel - (1m) ¹	69015	375	66.9	SK3-903 In-line pit (0.5m) ³	142549	954 ⁴	39.9
SK3-16 Sloped channel - (1m)	69016	380	67.4	Type 900 In-line plastic rubbish basket	98653	-	1.6
SK3-17 Sloped channel - (1m)	69017	385	68.0	Optional plastic riser	141729	300	4.5
SK3-18 Sloped channel - (1m)	69018	390	68.5	Plastic rubbish basket - long	98665	-	1.8
SK3-19 Sloped channel - (1m)	69019	395	69.1	Universal end cap	96827	520 ⁴	1.1
SK3-20 Sloped channel - (1m) ¹	69020	400	69.7	Installation device	97479	-	2.2
SK3-020 Neutral channel - (1m)¹	69044	400	69.7	Grate removal tool	01318	-	0.1
SK3-0203 Neutral channel - (0.5m)¹	69047	400	38.5	PowerLok safety clip	10443	-	-
SK3-21 Sloped channel - (1m)	69021	405	70.2				
SK3-22 Sloped channel - (1m)	69022	410	70.8				
SK3-23 Sloped channel - (1m)	69023	415	71.4				
SK3-24 Sloped channel - (1m)	69024	420	71.9				
SK3-25 Sloped channel - (1m) ¹	69025	425	72.4				
SK3-26 Sloped channel - (1m)	69026	430	73.0				
SK3-27 Sloped channel - (1m)	69027	435	73.6				

Notes:

1. This channel offers bottom knockout feature; 150mm and 200mm round.
2. Inverts shown are male end, for female invert depths – subtract 5mm from male invert (except neutral channels where it will be the same as the male invert). To calculate overall channel depth, add 25mm to invert depth.
3. In-line pit assembly (polymer concrete top with ductile iron edge rail and plastic base).
4. Overall depth of in-line pit and end cap.

Specifications

The surface drainage system shall be ACO's PowerDrain S300K polymer concrete V-profile channel system with ductile iron edge rails as manufactured by ACO.

Channels

S300K channel shall be 300mm nominal internal width with an overall width of 360mm. Channel invert shall have a V-profile to allow efficient drainage and channel walls shall have deep pockets and vertical ribs for mechanical keying. S300K sloped channels shall have a built-in slope of 0.5%. All channels shall be interlocking with a male/female joint and have provisions for the installation device.

Grates

Insert specification for the selected grate. Refer to the relevant ACO Specification Information sheet, at: <http://www.acodrain.com.au/resources>

Installation

The complete drainage system shall be by ACO and to be installed for its intended purpose. Any deviation or partial use of the specified system and/or improper installation will void all warranties provided by ACO.

Materials

S300K channel shall be manufactured from polyester resin polymer concrete with integrally cast-in ductile iron edge rails with anti-shunt lugs.

Properties of polymer concrete will be as follows with supporting documentation:

Compressive Strength:	98 MPa
Flexural Strength:	26 MPa
Tensile Strength:	14 MPa
Water Absorption:	0.07%
Frost Proof:	YES
Coefficient of Expansion and Contraction:	2.02x10 ⁻⁵ /°C
Water Vapour Transmission:	0.0364g/m ²
Non Flammable:	YES
Roughness (Mannings):	n=0.011
Resistant to Weathering:	YES
Dilute Acid and Alkali Resistant:	YES
SF Sealant Groove:	YES

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SPEC INFO
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