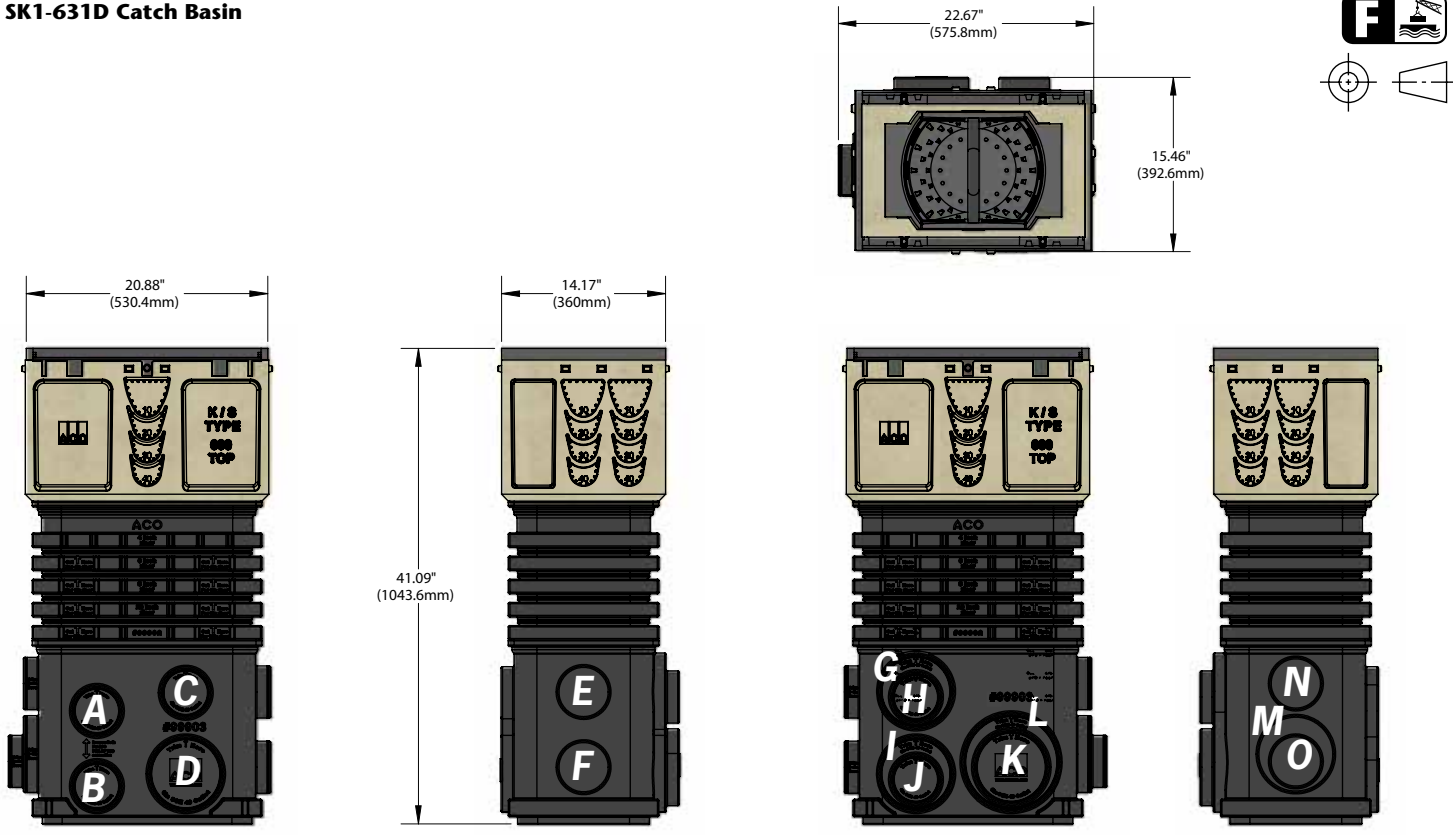


# SK1-631D Catch Basin

SK1-631D Catch Basin



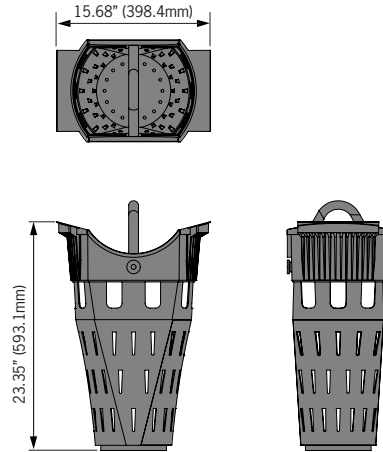
Outlet flow rates

Outlet	Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
A	Type SK1-631D	4" round	33.29"	305	0.68
B	Type SK1-631D	4" round	39.79"	335	0.75
C	Type SK1-631D	4" round	31.72"	297	0.66
D	Type SK1-631D	6" round	39.79"	743	1.66
E	Type SK1-631D	4" round	31.84"	297	0.66
F	Type SK1-631D	4" round	38.34"	328	0.73
G	Type SK1-631D	6" round	32.62"	667	1.49
H	Type SK1-631D	4" round	32.07"	299	0.67
I	Type SK1-631D	6" round	39.76"	743	1.65
J	Type SK1-631D	4" round	39.19"	332	0.74
K	Type SK1-631D	6" round	39.19"	737	1.64
L	Type SK1-631D	8" round	39.76"	1302	2.90
M	Type SK1-631D	6" round	38.28"	728	1.62
N	Type SK1-631D	4" round	31.15"	294	0.65
O	Type SK1-631D	4" round	37.86"	326	0.73

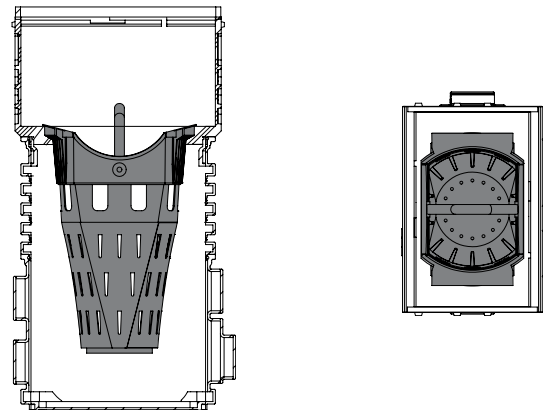
Note:

- These are the pipe flow rates at the specified outlet.  
\*Flow rates without trash bucket - using trash bucket or filter bag reduces flow rates.
- 4" diameter foul air trap, part# 90854, can be fitted to catch basin base at outlet positions A/B and E/F

Trash Bucket



Note: Openings in trash bucket are 74.4in<sup>2</sup> (48,028mm<sup>2</sup>)



Note: Trash bucket position within SK1-631D catch basin body and base

ACO Specification Information

# ACO DRAIN

## SK1-631D Catch Basin



ACO Specification Information

Description	Part No.	Invert Depth inches	Invert Depth mm	Weight lbs.
Type SK1-631D Catch basin - 19.69" (0.5m)	<b>67054</b>	40.86	1038	85.7
<b>Catch Basin Components</b>				
Type 600 optional riser	<b>99902</b>	40.86	1038	10.0
Foul air trap - fits both Type 900 & Type 600 basins	<b>90854</b>	-	-	1.2

### Optional Grates

Choose from:

- SK1 ductile iron slotted grate 19.69" (0.5m)  
(Load class F) - **96082**
- SK1 ductile iron longitudinal grate 19.69" (0.5m)  
(Load class F) - **96096**
- SK1 ductile iron 4-bolt grate 19.69" (0.5m)  
(Load class F) - **99590**

Specifications		Water absorption	0.07%	<b>Installation</b> The trench drain/catch basin system shall be installed in accordance with the manufacturer's installation instructions and recommendations.
<b>General</b> The catch basin shall be ACO Drain SK1-631D Catch Basin as manufactured by ACO Polymer Products, Inc. or similar approved.		Frost proof	YES	
<b>Materials</b> The top unit body shall be manufactured from polyester polymer concrete with minimum properties as follows:		Salt proof	YES	
Compressive strength:	14,000 psi	Dilute acid and alkali resistant	YES	
Flexural strength:	4,000 psi	The nominal clear opening shall be 13.46" (342mm) wide by 19.92" (506mm) long. Overall length of 22.70" (575.8mm) by 15.38" (390.6mm) wide. Type SK1-631D catch basin assembly has overall depth of 41.11" (1044.3mm). Top units shall have horizontal cast in anchoring key features on the outside to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The base and riser unit shall be a LLDPE plastic molding and incorporate molded plastic pipe stubbs to facilitate pipe connection.		

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March 2017

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