

## DATA SHEET

### CATCH BASIN WITH SMOOTH EXTERIOR WALL

**PRODUCT DESCRIPTION :** Catch basin with smooth interior and exterior walls for roadway and non-roadway use.

**FUNCTION :** Collecting surface runoff and recovering sediments

**RAW MATERIALS :** Made from high-density polyethylene (HDPE) complies with properties classification of ASTM D3350 standard.

**TECHNICAL DATA :** Diameter: 450 mm (18 in) to 1 500 mm (60 in)  
Standard height: 2 m (6.5 ft)  
Structural strength: CAN/CSA - S6 - 02 (CL-625) and  
AASHTO (H-25 and HS-25)  
Watertightness: ASTM D3212/10.8 psi



CATCH BASIN with smooth exterior wall and MG outlet, cast iron adjustable frame and grate

### TECHNICAL DATA TABLE

Nom. dia.		Int. dia.		Ext. dia.		Weight		Frames and grates	
mm	in	mm	in	mm	in	kg/m	lbs/ft	Non-roadway	Roadway
450	18	457	18,0	553	21,8	37,9	25,4	HDPE and S series cast iron	Adjustable cast iron
600	24	603	23,8	750	29,5	68,3	45,8	S series cast iron	Adjustable cast iron
750	30	756	29,8	899	35,4	110,9	74,4	S series cast iron	Adjustable cast iron
900	36	900	35,4	1050	41,4	127,5	85,5	S series cast iron	Adjustable cast iron
1050	42	1067	42,0	1234	48,6	154,0	103,3	S series cast iron	Adjustable cast iron
1200	48	1220	48,0	1387	54,6	166,0	111,3	S series cast iron	Adjustable cast iron
1500	60	1511	59,5	1698	66,9	181,0	121,6	S series cast iron	Adjustable cast iron

Note 1: Contact your castings supplier for exact dimensions of available grates and covers.

Note 2: Weight does not include grates and covers.

Note 3: For the number of inlets and outlets from the manhole, see reference document "Minimum angle between connections".

Note 4: 1 050 mm (42 in), 1 200 mm (48 in), 1 500 mm (60 in) catch basin with smooth exterior wall are available by special order.

Note 5: Technical data is for informational purposes only and may vary without notice.

## DATA SHEET

### CATCH BASIN WITH SMOOTH EXTERIOR WALL (CONT'D)

#### AVAILABLE COUPLERS/DIAMETER OF THE CONNECTING PIPE

Nominal dia. connecting pipe		Watertight connectors						Soil tight connectors	
mm	in	HDPE				PVC		HDPE	Concrete
		DBIG	BIGC	BG	S	MG	S	BC / PE	Other
100	4	X			X	X	X	X	X
150	6	X			X	X	X	X	X
200	8	X			X	X	X	X	X
250	10	X						X	X
300	12		X					X	X
375	15		X					X	X
450	18		X					X	X
525	21		X					X	X
600	24		X					X	X
750	30		X					X	X
900	36		X					X	X
1050	42			X					X
1200	48		X					X	X
1500	60			X					X

Note 1: For the number of inlets and outlets from the manhole, see reference document "Minimum angle between connexions".

#### LEGEND

DBIG : double bell with integrated gasket  
 BIGC : bell with integrated gasket with clips  
 BG : o-ring bell gasket  
 MG : multiaxial gasket  
 S : Sol Tee  
 BC / PE : bell with clips / plain end

**APPLICATIONS :** Surface drainage  
 Leachate collection

**OPTIONS:** Other diameters and special couplers are available upon request  
 Riser  
 Lifting eyelet  
 Special frames and grates  
 Flow regulator  
 Hook or eyelet for storm sewer trap cover  
 Ladder