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	611	24,1	748	29,4	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		Watertigh connectors						Soil tight connectors	
		HDPE				PVC		HDPE	Concrete
mm	in	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