DATA SHEET

CORRUGATED MANHOLE/CATCH BASIN

PRODUCT DESCRIPTION : Smooth interior and corrugated exterior walls for non-roadway use.

FUNCTION : Used to collect surface runoff, for changes in direction and elevation, inspection and cleaning of storm sewer networks.

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

TECHNICAL DATA : Diameter: 300 mm (12 in) to 1 200 mm (48 in)
Standard height: 1,3 m (4,3 ft)
Structural strength: non-roadway



Corrugated MANHOLE/CATCH BASIN with BIGC outlets (bell with integrated gasket with clips) and cover made from S series cast iron

TECHNICAL DATA TABLE

Nom. dia.		Int. dia.		Ext. dia.		Weight		Frames and grates/covers
mm	in	mm	in	mm	in	kg/m	lbs/ft	Non-roadway
300	12	303	11,9	363	14,3	9,5	6,4	HDPE and S series cast iron
375	15	381	15,0	449	17,7	12,0	8,0	HDPE and S series cast iron
450	18	457	18,0	544	21,4	16,5	11,1	HDPE and S series cast iron
600	24	611	24,1	738	29,1	25,8	17,3	S series cast iron
750	30	756	29,8	890	35,0	38,0	25,5	S series cast iron
900	36	900	35,4	1041	41,0	60,8	40,8	S series cast iron
1050	42	1067	42,0	1224	48,2	70,5	47,8	S series cast iron
1200	48	1220	48,0	1377	54,2	75,5	50,6	S series cast iron

Note 1: Technical data is for informational purposes only and may vary without notice.

Note 2: Contact your castings supplier for exact dimensions of available grates and covers.

Note 3: Weight does not include frames, grates and covers.

DATA SHEET

CORRUGATED MANHOLE/CATCH BASIN (CONT'D)

AVAILABLE COUPLERS/DIAMETER OF THE CONNECTING PIPET

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

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: Special couplers are available upon request
Flow regulator
Hook or eyelet for storm sewer trap cover
Special frames, grates and covers
Ladder