

### SALBERG "SOCKET" PIPE

The new vertical cast machine made pipe, which provides the most accurate spigot and socket surfaces of all pipe processes.

- The internal bore is accurate to within millimeters.
- The first concrete pipes in South Africa to have true metric bore.
- The pipes are manufactured using dolomitic aggregate, and have a built in sacrificial layer.
- The pipes carry the SABS mark for SI (sewer and irrigation) specification.
- Salberg is an ISO 9000 listed company.

#### Salberg in-the-wall joint pipes - SABS 677 with Forsheda 101 G-ring rolling ring joint for type SI & SC pipes

Item	Nominal Diameter	D-Load Designation	Effective Length	Type of Joints
1	400	50,75,100 D	2,25m	Spigot & Socket
2	500	50,75,100 D	2,3m	Spigot & Socket
3	600	50,75,100 D	2,3m	Spigot & Socket
4	800	50,75,100 D	2,3m	In the wall joint
5	1000	50,75,100 D	2,25m	In the wall joint
6	1200	50,75,100 D	2,3m	In the wall joint

#### Forsheda Rubber Ring

The **rubber ring** used to provide a leak free joint for these pipes is the **Teardrop shaped G-ring** patented by the internationally renowned **Forsheda Company**. This ingenious sealing ring for concrete pipes has been manufactured and distributed worldwide in enormous quantities and a vast range of sizes for almost twenty years.

This introduction of the **G - ring** into Southern Africa constitutes a major advance towards better, more scientific joints for concrete pipelines for sewers or specific stormwater applications where leak free joints are of paramount importance.

To promote the new range of pipes Dave Salberg has assembled a team of professionals whose commitment is to find ways of serving the customer better.

NOMINAL DIAMETER D mm	NOMINAL LENGTH L mm	INSIDE DIAMETER ID mm	OUTSIDE DIAMETER OD mm	WALL THICKNESS t mm	SOCKET DEPTH S mm	MASS KG/PIPE	MASS K/GM	PROG OF LOAD KN/M
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### OG CLASS 50 D - SABS 677 TYPE SC

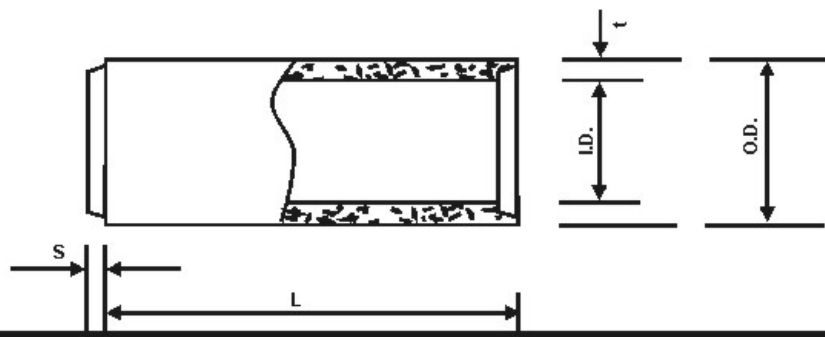
50D	300	2500	300	370	35	12	240	93	23
	375	2500	375	455	40	14	340	125	28
	450	12 60	450	526	38	16	209	156	23
	450	2500	450	530	40	16	415	166	23
	525	2500	525	615	45	18	535	214	26
	600	2500	600	700	50	20	685	274	30
	675	2500	675	797	61	25	737	312	34
	750	2500	750	870	60	24	1020	408	38
	900	2500	900	1056	78	29	1620	648	45

### OG CLASS 75 D - SABS 677 TYPE SC

75D	300	2500	300	370	35	12	240	93	23
	375	2500	375	455	40	14	340	125	28
	450	12 60	450	582	66	16	320	254	34
	450	2500	450	540	45	16	450	183	34
	525	2500	525	625	50	18	600	240	39
	600	2500	600	720	60	20	818	327	45
	675	2500	675	807	66	25	1060	424	50
	750	2500	750	900	75	24	1315	526	56
	900	2500	900	1080	90	29	1870	724	68

### OG CLASS 100 D - SABS677 TYPE SC

100D	300	2500	300	370	35	12	240	93	30
	375	2500	375	455	40	14	340	125	38
	450	12 60	450	582	66	16	320	254	45
	450	2500	450	540	45	16	450	183	45
	525	2500	525	625	50	18	600	240	53
	600	2500	600	720	60	20	818	327	60
	675	2500	675	821	73	23	1060	424	67
	750	2500	750	900	75	24	1315	526	75
	900	2500	900	1080	90	29	1870	724	90



NOMINAL DIAMETER D mm	NOMINAL LENGTH L mm	INSIDE DIAMETER ID mm	OUTSIDE DIAMETER OD mm	WALL THICKNESS t mm	SOCKET DIAMETER A mm	SOCKET LENGTH B mm	SOCKET DEPTH S mm	MASS KG/PIPE	MASS KG/M	PROOF LOAD KN/M
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### S&S CLASS 50 D - SANS 677 T YPE SC

50D

250	1220	250	324	37	420	155	65	82	68	12.50
300	1240	300	388	44	487	195	85	137	110	15.00
400	2250	400	520	60	570	218	85	520	231	20.00
500	2300	500	630	65	670	194	85	570	294	25.00
600	2300	600	750	75	770	147	85	950	413	30.00

### S&S C CLASS 75 D - SANS 677 T YPE SC

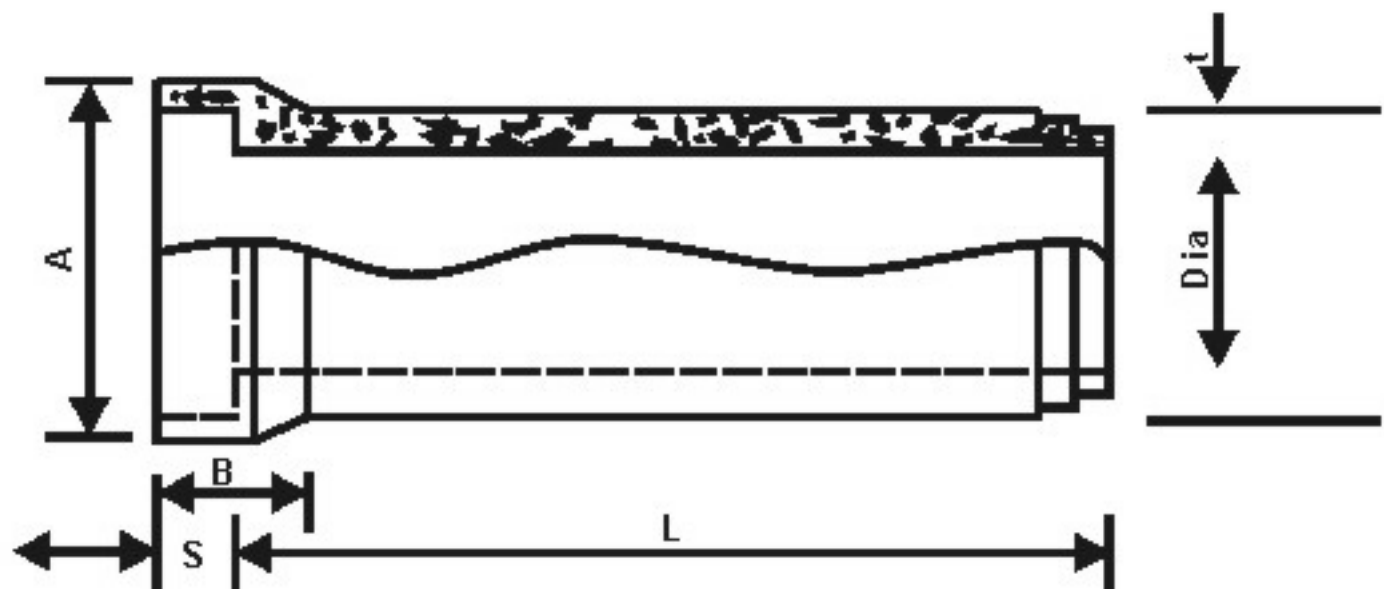
75D

250	1220	250	324	37	420	155	65	82	68	18.75
300	1240	300	388	44	487	195	85	137	110	22.50
400	2250	400	520	60	570	218	85	520	231	30.00
500	2300	500	630	65	670	194	85	570	294	37.50
600	2300	600	750	75	770	147	85	950	413	45.00

### S&S CLASS 100 D - SANS 677 TYPE SC

100D

250	1220	250	324	37	420	155	65	82	68	25.00
300	1240	300	388	44	487	195	85	140	110	30.00
400	2250	400	520	60	570	218	85	520	231	40.00
500	2300	500	630	65	670	194	85	570	294	50.00
600	2300	600	750	75	770	147	85	950	413	60.00



NOMINAL DIAMETER D mm	NOMINAL LENGTH L mm	INSIDE DIAMETER ID mm	OUTSIDE DIAMETER OD mm	WALL THICKNESS t mm	SOCKET DEPTH S mm	MASS KGP IPE	MASS KG M	PROOF LOAD K NM
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**IWJ CLASS 50 D - SABS 677 TYPE SI OR SC**

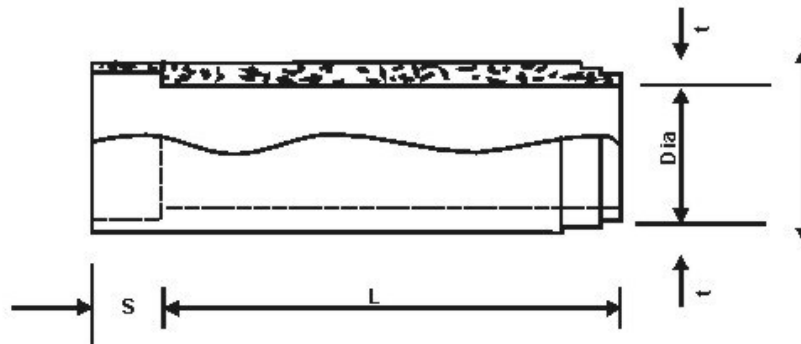
50D	800	2300	800	990	95	85	1525	663	40.00
	1000	2300	1000	1220	110	99	2208	960	50.00
	1200	2300	1200	1460	130	99	2999	1304	60.00

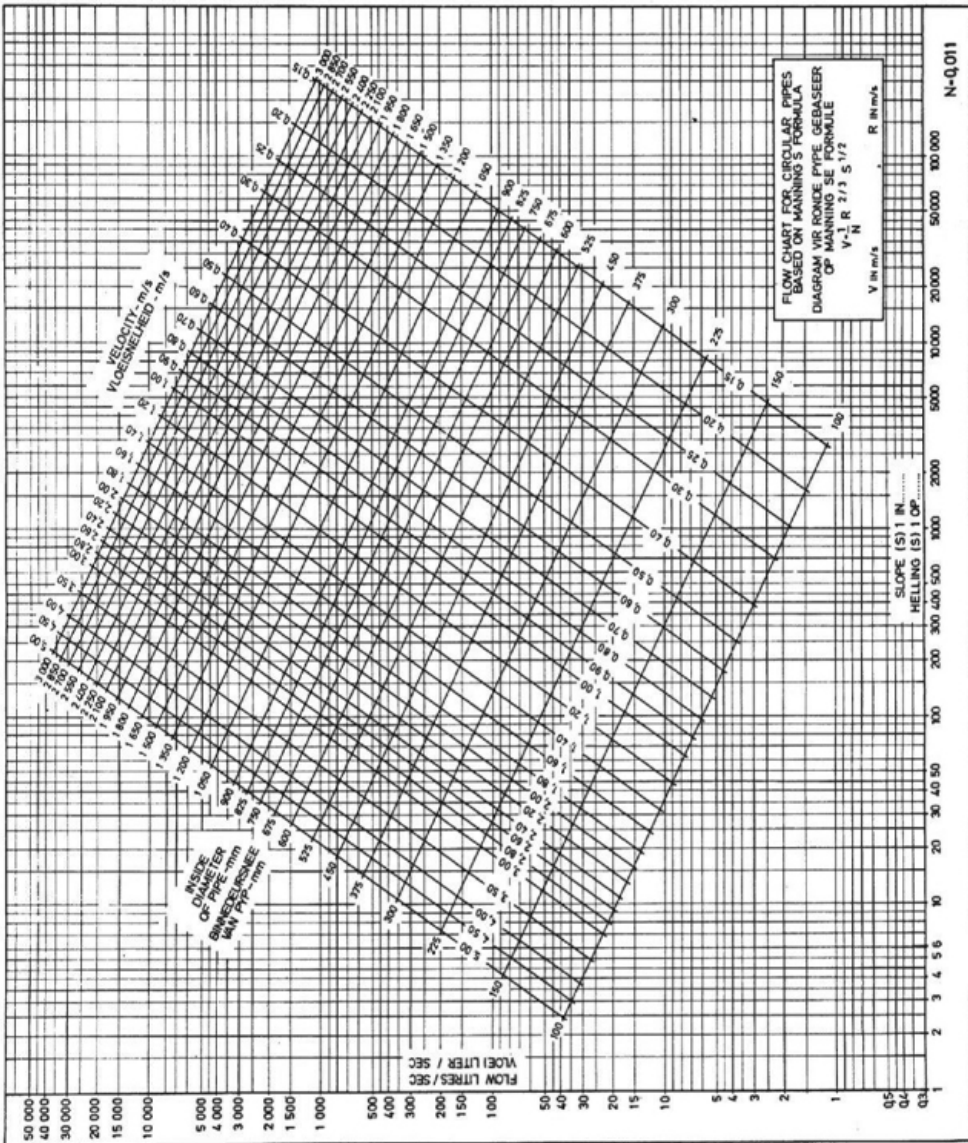
**IWJ CLASS 75 D - SABS 677 TYPE SI OR SC**

75D	800	2300	800	990	95	85	1525	663	60.00
	1000	2300	1000	1220	110	99	2208	960	75.00
	1200	2300	1200	1460	130	99	2999	1304	90.00

**IWJ CLASS 100 D - SABS 677 TYPE SI OR SC**

100D	800	2300	800	990	95	85	1525	663	80.00
	1000	2300	1000	1220	110	99	2208	960	100.00
	1200	2300	1200	1460	130	99	2999	1304	120.00





FLOW CHART FOR CIRCULAR PIPES  
 BASED ON MANNING'S FORMULA  
 DIAGRAM VIR RONCE PIPE GEBASEER  
 OP MANNING SE FORMULE  
 $V = \frac{1.49 R^{2/3} S^{1/2}}{N}$   
 V in m/s R in m³/s  
 N