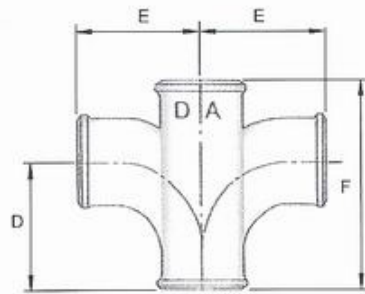


'DA' BRAND CAST IRON HUBLESS PIPES AND FITTINGS TO CISPI : 301 / CISPI : 310

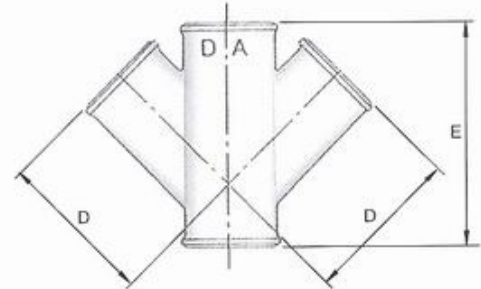


DA Brand Hubless Pipes and Fittings



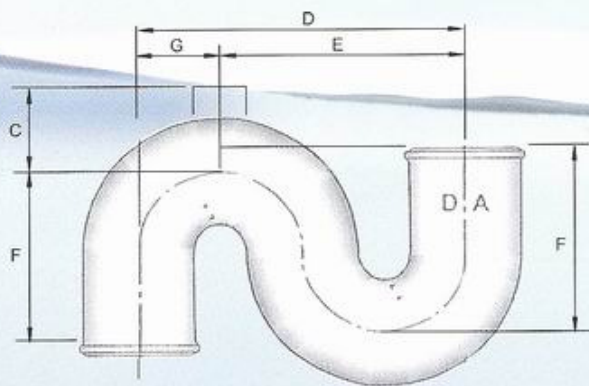
Sanitary Cross

Size (mm)	Dimension in mm		
	D	E ² (±3)	F ² (±3)
50 x 50	114	114	174
75 x 75	127	127	203
100 x 100	140	140	232
150 x 150	178	178	318



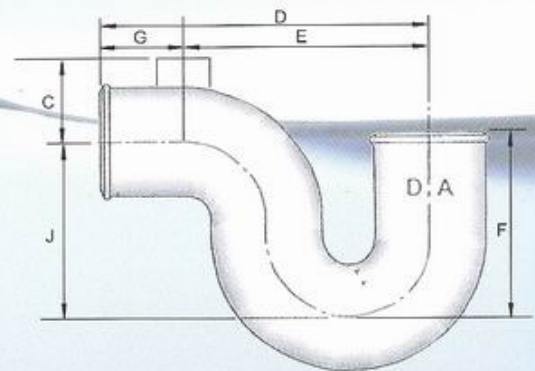
Double Y-Tee

Size (mm)	Dimension in mm	
	D ² (±3)	F ² (±3)
50 x 50	117	168
75 x 50	135	168
75 x 75	146	203
100 x 50	152	168
100 x 75	165	203
100 x 100	179	241
150 x 100	235	284
150 x 150	273	357



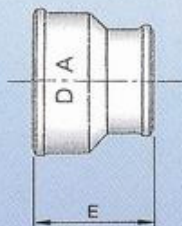
S-Trap with/without Vent Pipe

Size (mm)	Dimension in mm					
	Inlet	C	D	E	F	G
100 x 100	50	85	305	228	178	76



P-Trap with/without Vent Pipe

Size (mm)	Dimension in mm						
	Inlet	C	D	E	F	G	J
100 x 75	50	75	368	228	184	140	178
100 x 100	50	86	368	228	184	140	165



Reducer (Taper)

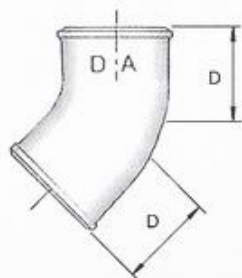
Size (mm)	Dimension in mm	
	E ² (±3)	
75 x 50	92	
100 x 50	92	
100 x 75	92	
150 x 50	100	
150 x 75	100	
150 x 100	100	



End Cap

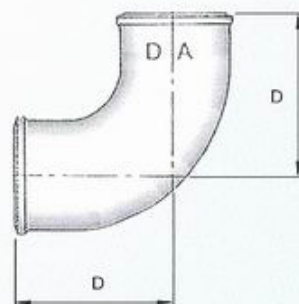
Size (mm)	Dimension in mm	
	E ² (±3)	
50	45	
75	45	
100	45	
150	45	

DA Brand Hubless Pipes and Fittings



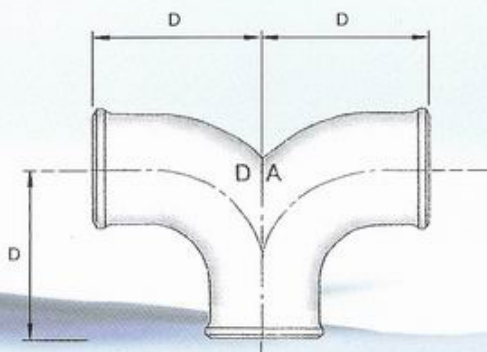
45° Bend

Size (mm)	Dimension in mm	
	$D^2 (\pm 3)$	
50	70	
75	76	
100	80	
150	103	



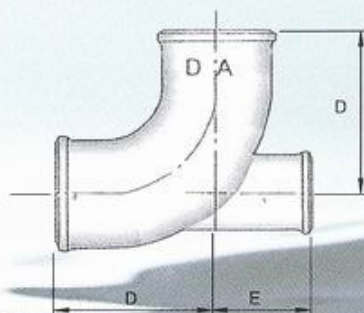
90° Bend

Size (mm)	Dimension in mm	
	$D^2 (\pm 3)$	
50	114	
75	127	
100	140	
150	178	



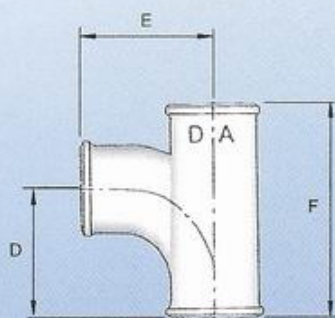
Double 90° Bend

Size (mm)	Dimension in mm	
	$D^2 (\pm 3)$	
50	114	
75	127	
100	140	



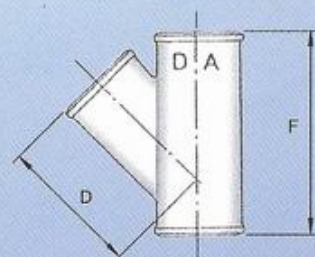
90° Bend with 50mm Opening

Size (mm)	Dimension in mm	
	$D^2 (\pm 3)$	$E^2 (\pm 3)$
75 x 50	127	73
100 x 50	140	83



Sanitary Tee Branch

Size (mm)	Dimension in mm		
	E (± 3)	F (± 3)	D
50 x 50	114	175	114
75 x 50	127	175	114
75 x 75	127	203	127
100 x 50	140	175	114
100 x 75	140	203	127
100 x 100	140	232	140
150 x 50	165	208	127
150 x 75	165	233	140
150 x 100	165	256	152
150 x 150	178	318	178



45° Y-Tee

Size (mm)	Dimension in mm	
	D (± 3)	F (± 3)
50 x 50	117	168
75 x 50	135	168
75 x 75	146	203
100 x 50	152	168
100 x 75	165	203
100 x 100	179	241
150 x 50	209	211
150 x 75	222	248
150 x 100	235	284
150 x 150	273	357

'DA' Brand Cast Iron Hubless Pipes and Fittings are Manufactured to CISPI : 301 & 310 with smooth internal and external wall surface, suitable wall thickness, homogeneous straightness and compactness in metal structure for pipes. All the centrifugal casting pipes sold will be guaranteed air and water tight. Our products are praised as ideal building materials used as drain, sewage and ventilation ducts in high buildings.

High quality pipe products are manufactured with the advanced centrifugal casting technological process and equipment.

- Pipes, Fittings and Coupling are tested by our local Testing Authorities.
- We also provide fusion bonded epoxy coated pipes & fittings and specify fittings design upon request.

Standards for Cast Iron Hubless Pipes and Fittings to CISPI-301 & CISPI-310

Specification (mm)	Int. Dia (mm)	Ext. Dia (mm)	Wall Thickness (mm)	Length (mm)	Weight (kg)
50	50.8 ± 1.52	59.69 ± 2.29	4.06 (min 3.3)	3048 ± 13	15.6
75	76.21 ± 1.52	85.09 ± 2.29	4.06 (min 3.3)	3048 ± 13	22.7
100	101.6 ± 1.52	111.25 ± 2.29 - 1.27	4.83 (min 3.81)	3048 ± 13	35.4
150	150.88 ± 2.29	160.02 ± 2.29 - 1.27	4.83 (min 3.81)	3048 ± 13	51.7
200	201.68 ± 3.3	212.85 ± 3.3 - 2.29	5.84 (min 4.32)	3048 ± 13	83.3

Hydrostatic Pressure Test

Product	Norminal Dia. (mm)	Max. Test Pressure (Mpa)	Hydro Pressure for Test (Mpa)
Pipe	50-200	5.0	3.0
Fitting	50-200	3.5	2.8



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