

Test Report
Method for Determination of Dimensions of Ductile iron Pipes, Fittings,
Accessories and Their Joints for Sewage Applications
(BS EN 598 : 2007 + A1 : 2009 Clause 4.2 & Clause 4.4.3)

Date of issue: 06 July 2017

Page 1A of 2 page(s)

Castco LRN: DP0170428-166 DIM

Details as supplied by customer:-

Customer: TPY Limited

Customer's ref. no.: --

Address: G/F, No. 120, Tung Tau Tsuen, Shap Pat Heung, Yuen Long, N.T.


Contract no.: --

Job title: --

Description of:

Nominal bore : 80 x 80 mm

Length : --

Brand name : 

Type : Fitting (All Socket Tee with 45 Degree Equal Branch)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 28 April 2017

Date of test: 05 May 2017

Specimen no.: DP0170428-166

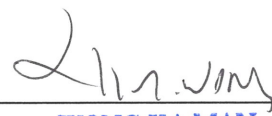
Nominal size DN: 80 x 80	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	7.63	7.0 (-2.3)	7.0
Internal diameter (mm)			
Length (B1) (mm)	220	--	220
Length (B2) (mm)	215	--	220
Length (Le) (mm)	290	--	290
Measured thickness of cement mortar lining (mm)	6.10	≥2.5	--

- Remarks :
1. Test results relates only to the specimen tested.
 2. Compliance check against BS EN 598: 2007+A1:2009 clause 4.2 was not possible as this fitting could not be found in the standard.
 3. This page no. 1A of test report supersedes page no.1 of the previous test report of Castco Lab. Ref. No. DP0170428-166 issued on 02/06/2017.

Checked by :

SIT KWAN NING
Laboratory Supervisor

Certified by :

WONG KA MAN
Senior Manager

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Castco LRN: DP0170428-167 DIM

Details as supplied by customer:-

Customer: TPY Limited

Customer's ref. no.: --

Address: G/F, No. 120, Tung Tau Tsuen, Shap Pat Heung, Yuen Long, N.T.


Contract no.: --

Job title: --

Description of:

Nominal bore : 100 x 100 mm

Length : --

Brand name : 

Type : Fitting (All Socket Tee with 45 Degree Equal Branch)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 28 April 2017

Date of test: 05 May 2017

Specimen no.: DP0170428-167

Nominal size DN: 100 x 100	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	7.79	7.2 (-2.4)	7.2
Internal diameter (mm)			
Length (B1) (mm)	245	--	240
Length (B2) (mm)	250	--	240
Length (Le) (mm)	320	--	320
Measured thickness of cement mortar lining (mm)	5.74	≥2.5	--

- Remarks :
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Castco LRN: DP0170428-168 DIM

Details as supplied by customer:-

Customer: TPY Limited

Customer's ref. no.: --

Address: G/F, No. 120, Tung Tau Tsuen, Shap Pat Heung, Yuen Long, N.T.


Contract no.: --

Job title: --

Description of:

Nominal bore : 150 x 150 mm

Length : --

Brand name : 

Type : Fitting (All Socket Tee with 45 Degree Equal Branch)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 28 April 2017

Date of test: 05 May 2017

Specimen no.: DP0170428-168

Nominal size DN: 150 x 150		Test result	BS EN requirement	Customer requirement
External diameter (e)	(mm)			
Ovality spigot of external diameter	(mm)			
Thickness (T)	(mm)	8.12	7.8 (-2.45)	7.8
Internal diameter	(mm)			
Length (B1)	(mm)	330	--	300
Length (B2)	(mm)	325	--	300
Length (Le)	(mm)	392	--	390
Measured thickness of cement mortar lining	(mm)	7.51	≥2.5	--

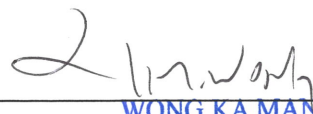
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Castco LRN: DP0170428-169 DIM

Details as supplied by customer:-

Customer: TPY Limited

Customer's ref. no.: --

Address: G/F, No. 120, Tung Tau Tsuen, Shap Pat Heung, Yuen Long, N.T.


Contract no.: --

Job title: --

Description of:

Nominal bore : 200 x 200 mm

Length : --

Brand name : 

Type : Fitting (All Socket Tee with 45 Degree Equal Branch)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 28 April 2017

Date of test: 05 May 2017

Specimen no.: DP0170428-169

Nominal size DN: 200 x 200	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	8.16	8.4 (-2.5)	8.4
Internal diameter (mm)			
Length (B1) (mm)	360	--	365
Length (B2) (mm)	350	--	365
Length (Le) (mm)	450	--	455
Measured thickness of cement mortar lining (mm)	10.93	≥2.5	--

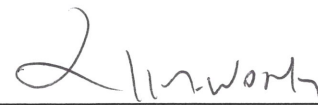
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Castco LRN: DP0170428-170 DIM

Details as supplied by customer:-

Customer: TPY Limited

Customer's ref. no.: --

Address: G/F, No. 120, Tung Tau Tsuen, Shap Pat Heung, Yuen Long, N.T.


Contract no.: --

Job title: --

Description of :

Nominal bore : 250 x 250 mm

Length : --

Brand name : 

Type : Fitting (All Socket Tee with 45 Degree Equal Branch)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 28 April 2017

Date of test: 05 May 2017

Specimen no.: DP0170428-170

Nominal size DN: 250 x 250	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	10.03	9.0 (-2.55)	9.0
Internal diameter (mm)			
Length (B1) (mm)	425	--	430
Length (B2) (mm)	420	--	430
Length (Le) (mm)	520	--	525
Measured thickness of cement mortar lining (mm)	8.69	≥2.5	--

- Remarks :
1. Test results relates only to the specimen tested.
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Castco LRN: DP0170428-171 DIM

Details as supplied by customer:-

Customer: TPY Limited

Customer's ref. no.: --

Address: G/F, No. 120, Tung Tau Tsuen, Shap Pat Heung, Yuen Long, N.T.


Contract no.: --

Job title: --

Description of :

Nominal bore : 300 x 300 mm

Length : --

Brand name : 

Type : Fitting (All Socket Tee with 45 Degree Equal Branch)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 28 April 2017

Date of test: 05 May 2017

Specimen no.: DP0170428-171

Nominal size DN: 300 x 300	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	9.91	9.6 (-2.6)	9.6
Internal diameter (mm)			
Length (B1) (mm)	520	--	490
Length (B2) (mm)	535	--	490
Length (Le) (mm)	590	--	600
Measured thickness of cement mortar lining (mm)	11.33	≥2.5	--

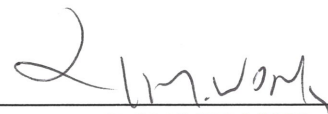
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