

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: 30 November 2017

Page 1 of 2 page(s)

Castco LRN: DP0170529-218 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 mm

Length : --

Brand name : 

Type : Fitting (All Socket 90 Degree Bend)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 29 May 2017

Date of test: 02 June 2017

Specimen no.: DP0170529-218

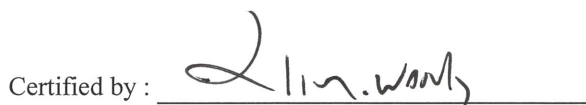
Nominal size DN: 80	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	5.57	7.0 (-2.3)	7.0
Internal diameter (mm)			
Length (Le1) (mm)	85	100 (±17)	100
Length (Le2) (mm)	85	100 (±17)	100
Length (Le) (mm)			
Measured thickness of cement mortar lining (mm)	7.24	4 (-1.5)	--

- Remarks :
1. Test results relates only to the specimen tested.
 2. Test results of the sample comply with the requirement of BS EN598:2007+ A1:2009 Clause 4.2 & Clause 4.4.3.

Checked by :


SIT KWAN NING
 Laboratory Supervisor

Certified by :


WONG KA MAN
 Senior Manager

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Page 1 of 2 page(s)

Castco LRN: DP0170529-219 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 mm

Length : --

Brand name : 

Type : Fitting (All Socket 90 Degree Bend)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 29 May 2017

Date of test: 02 June 2017

Specimen no.: DP0170529-219

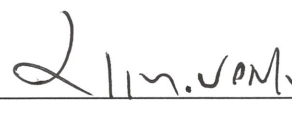
Nominal size DN: 100	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	6.29	7.2 (-2.4)	7.2
Internal diameter (mm)			
Length (Le1) (mm)	110	120 (±18)	120
Length (Le2) (mm)	110	120 (±18)	120
Length (Le) (mm)			
Measured thickness of cement mortar lining (mm)	6.33	4 (-1.5)	--

Remarks : 1. Test results relates only to the specimen tested.
 2. Test results of the sample comply with the requirement of BS EN598:2007+ A1:2009 Clause 4.2 & Clause 4.4.3.

Checked by :


SIT KWAN NING
 Laboratory Supervisor

Certified by :


WONG KA MAN
 Senior Manager

Form No. PIPE DIM598(2009)_T dd15/10/2015 /1530

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Castco LRN: DP0170529-220 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 mm

Length : --

Brand name : 

Type : Fitting (All Socket 90 Degree Bend)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 29 May 2017

Date of test: 02 June 2017

Specimen no.: DP0170529-220

Nominal size DN: 150	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	6.87	7.8 (-2.5)	7.8
Internal diameter (mm)			
Length (Le1) (mm)	150	170 (±20)	170
Length (Le2) (mm)	150	170 (±20)	170
Length (Le) (mm)			
Measured thickness of cement mortar lining (mm)	10.05	4 (-1.5)	--

Remarks : 1. Test results relates only to the specimen tested.
 2. Test results of the sample comply with the requirement of BS EN598:2007+ A1:2009 Clause 4.2 & Clause 4.4.3.

Checked by :



SIT KWAN NING
 Laboratory Supervisor

Certified by :



WONG KA MAN
 Senior Manager

Form No. PIPE DIM598(2009)_T dd15/10/2013 7/1530

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Castco LRN: DP0170529-221 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 mm

Length : --

Brand name : 

Type : Fitting (All Socket 90 Degree Bend)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 29 May 2017

Date of test: 02 June 2017

Specimen no.: DP0170529-221

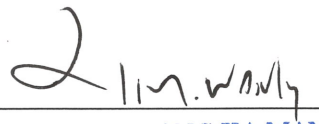
Nominal size DN: 200	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	9.36	8.4 (-2.5)	8.4
Internal diameter (mm)			
Length (Le1) (mm)	200	220 (±21)	220
Length (Le2) (mm)	200	220 (±21)	220
Length (Le) (mm)			
Measured thickness of cement mortar lining (mm)	12.23	4 (-1.5)	--

Remarks : 1. Test results relates only to the specimen tested.
 2. Test results of the sample comply with the requirement of BS EN598:2007+ A1:2009 Clause 4.2 & Clause 4.4.3.

Checked by :


SIT KWAN NING
 Laboratory Supervisor

Certified by :


WONG KA MAN
 Senior Manager

Form No. PIPE DIM598(2009)_T dd15/10/2015 7/530

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Castco LRN: DP0170529-222 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 mm

Length : --

Brand name : 

Type : Fitting (All Socket 90 Degree Bend)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 29 May 2017

Date of test: 02 June 2017

Specimen no.: DP0170529-222

Nominal size DN: 250	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	7.45	9 (-2.6)	9
Internal diameter (mm)			
Length (Le1) (mm)	250	270 (±23)	270
Length (Le2) (mm)	250	270 (±23)	270
Length (Le) (mm)			
Measured thickness of cement mortar lining (mm)	7.11	4 (-1.5)	--

Remarks : 1. Test results relates only to the specimen tested.
 2. Test results of the sample comply with the requirement of BS EN598:2007+ A1:2009 Clause 4.2 & Clause 4.4.3.

Checked by :

SIT KWAN NING

Laboratory Supervisor

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Form No. PIPE DIM598(2009)_T dd15/10/2015

71530

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Castco LRN: DP0170529-223 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 mm

Length : --

Brand name : 

Type : Fitting (All Socket 90 Degree Bend)

Delivery date : --

Manufacturer : TPY Limited

Origin: China

Laboratory Test Result

Date sample received: 29 May 2017

Date of test: 02 June 2017

Specimen no.: DP0170529-223

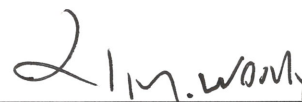
Nominal size DN: 300	Test result	BS EN requirement	Customer requirement
External diameter (e) (mm)			
Ovality spigot of external diameter (mm)			
Thickness (T) (mm)	9.71	9.6 (-2.6)	9.6
Internal diameter (mm)			
Length (Le1) (mm)	300	320 (±24)	320
Length (Le2) (mm)	300	320 (±24)	320
Length (Le) (mm)			
Measured thickness of cement mortar lining (mm)	6.12	4 (-1.5)	--

Remarks : 1. Test results relates only to the specimen tested.
 2. Test results of the sample comply with the requirement of BS EN598:2007+ A1:2009 Clause 4.2 & Clause 4.4.3.

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