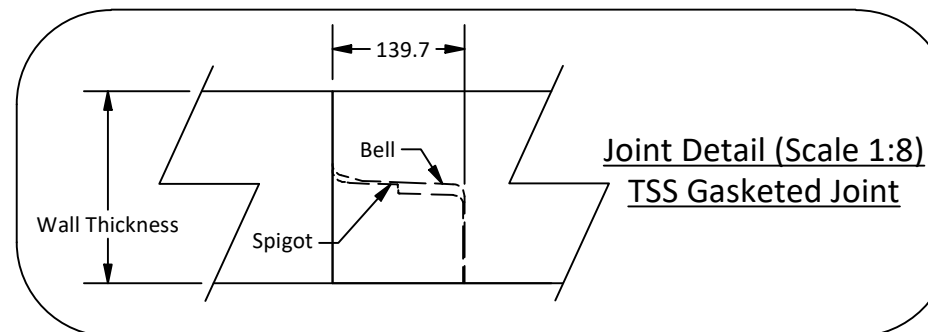


Box Culvert Information

Span x Rise Nominal (mm)	Span x Rise Actual (mm)	Weights per linear Meter in kg	Wall Thickness in (mm)	End Wall/End Plug Weight in kg	Span x Rise Nominal (mm)	Span x Rise Actual (mm)	Weights per linear Meter in kg	Wall Thickness in (mm)	End Wall/End Plug Weight in kg
1800 x 900	1829 x 914	3,400	203.2	1,500	3350 x 900	3353 x 914	7,000	279.4	4,100
1800 x 1200	1829 x 1219	3,700	203.2	1,900	3350 x 1200	3353 x 1219	7,500	279.4	4,900
1800 x 1500	1829 x 1524	4,000	203.2	2,200	3350 x 1500	3353 x 1524	8,000	279.4	5,700
1800 x 1800	1829 x 1829	4,400	203.2	2,600	3350 x 1800	3353 x 1829	8,400	279.4	6,500
2100 x 900	2134 x 914	3,650	203.2	1,950	3350 x 2100	3353 x 2134	8,800	279.4	7,300
2100 x 1200	2134 x 1219	4,000	203.2	2,100	3350 x 2400	3353 x 2438	9,200	279.4	8,200
2100 x 1500	2134 x 1524	4,400	203.2	2,500	3350 x 2700	3353 x 2743	9,700	279.4	9,000
2100 x 1800	2134 x 1829	4,700	203.2	2,900	3350 x 3050	3353 x 3048	10,100	279.4	9,800
2100 x 2100	2134 x 2134	5,000	203.2	3,300	3350 x 3350	3353 x 3353	10,500	279.4	10,700
2400 x 900	2438 x 914	4,000	203.2	2,000	3650 x 900	3658 x 914	8,300	304.8	4,900
2400 x 1200	2438 x 1219	4,400	203.2	2,400	3650 x 1200	3658 x 1219	8,800	304.8	5,900
2400 x 1500	2438 x 1524	4,700	203.2	2,800	3650 x 1500	3658 x 1524	9,300	304.8	6,900
2400 x 1800	2438 x 1829	5,000	203.2	3,300	3650 x 1800	3658 x 1829	9,700	304.8	7,900
2400 x 2100	2438 x 2134	5,300	203.2	3,700	3650 x 2100	3658 x 2134	10,200	304.8	8,900
2400 x 2400	2438 x 2438	5,600	203.2	4,100	3650 x 2400	3658 x 2438	10,600	304.8	9,900
2700 x 900	2743 x 914	4,900	228.6	2,600	3650 x 2700	3658 x 2743	11,100	304.8	10,900
2700 x 1200	2743 x 1219	5,300	228.6	3,100	3650 x 3050	3658 x 3048	11,600	304.8	11,800
2700 x 1500	2743 x 1524	5,700	228.6	3,600	3650 x 3350	3658 x 3353	12,000	304.8	12,800
2700 x 1800	2743 x 1829	6,000	228.6	4,200	3650 x 3650	3658 x 3658	12,500	304.8	13,800
2700 x 2100	2743 x 2134	6,400	228.6	4,800	4250 x 900	4267 x 914 **	9,100	304.8	5,700
2700 x 2400	2743 x 2438	6,700	228.6	5,300	4250 x 1200	4267 x 1219 **	9,700	304.8	6,800
2700 x 2700	2743 x 2743	7,000	228.6	5,900	4250 x 1500	4267 x 1524 **	9,900	304.8	7,900
3050 x 900	3048 x 914	5,900	254	3,200	4250 x 1800	4267 x 1829 **	10,500	304.8	9,000
3050 x 1200	3048 x 1219	6,400	254	3,900	4250 x 2100	4267 x 2134 **	11,100	304.8	10,200
3050 x 1500	3048 x 1524	6,800	254	4,600	4250 x 2400	4267 x 2438 **	11,600	304.8	11,300
3050 x 1800	3048 x 1829	7,200	254	5,300	4250 x 2700	4267 x 2743 **	12,000	304.8	12,400
3050 x 2100	3048 x 2134	7,500	254	6,000	4250 x 3050	4267 x 3048 **	12,500	304.8	13,500
3050 x 2400	3048 x 2438	7,900	254	6,600	4250 x 3350	4267 x 3353 **	13,000	304.8	14,700
3050 x 2700	3048 x 2743	8,300	254	7,300	4250 x 3650	4267 x 3658 **	13,400	304.8	15,800
3050 x 3050	3048 x 3048	8,700	254	8,000	4250 x 3950	4267 x 3962 **	13,900	304.8	16,900
					4250 x 4250	4267 x 4267 **	14,300	304.8	18,000



Note:

- Box culverts are manufactured in accordance with the ASTM C1433/C1433M specification.
- Box culverts are designed to meet the required design codes and can be manufactured to comply with ASTM C1433, AASHTO, CHBDC, and BC MOT specifications.
- Units are designed to withstand BCL-625, AASHTO HS20, or E90 live loads. (other loading options available upon request).
- The standard length is 2.50 m; other lengths are available upon request.
- Typical shorter lengths start from 1.25, 1.40, 1.55, 1.70, 1.85, 2.00, 2.15, and 2.30 m (in 150 mm increments from 1.25 m).
- Supplied with a Starcon-style lifting insert as required.
Note: Sling angle to vertical must not exceed 15°.
- Supplied with TSS gaskets. See the HK TSS gasket information on our website.
- Box sizes marked with (**) are available in wet-cast only.
- Dimensions are in millimeters unless otherwise specified.

Amrize Canada Inc. BC Pipe and Precast are certified Q-Cast Plants, an American Concrete Pipe Association Third Party Certification for the manufacture of Pipe, Manhole, Box Culvert and Precast Items.



All Dimensions are in Millimeters. Unless otherwise Stated



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DESCRIPTION:

TSS Gasketed Joint
Box Culvert Details

DRAWN BY:	SR	DWG NO.:	Box-1.0
CHK BY:	MP	JOB NO.:	
DATE:	11-Jul-25	SO NO.:	
SCALE:	1:50	REV.:	
SIZE:	11 x 17	SHEET 1 OF 1	

Quality Assurance of products manufactured by Amrize Canada Inc. BC Pipe and Precast has been verified by the following third party certification programs.



Projection Method: THIRD ANGLE

