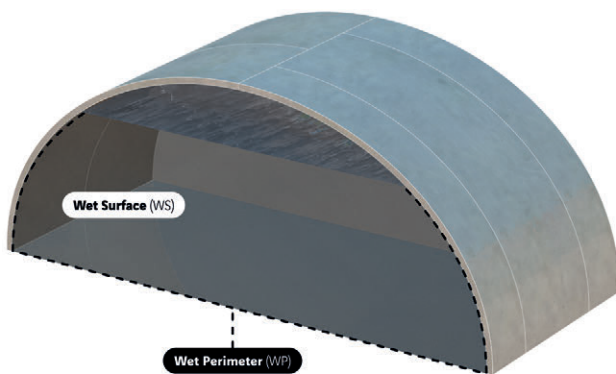


## Main dimensions

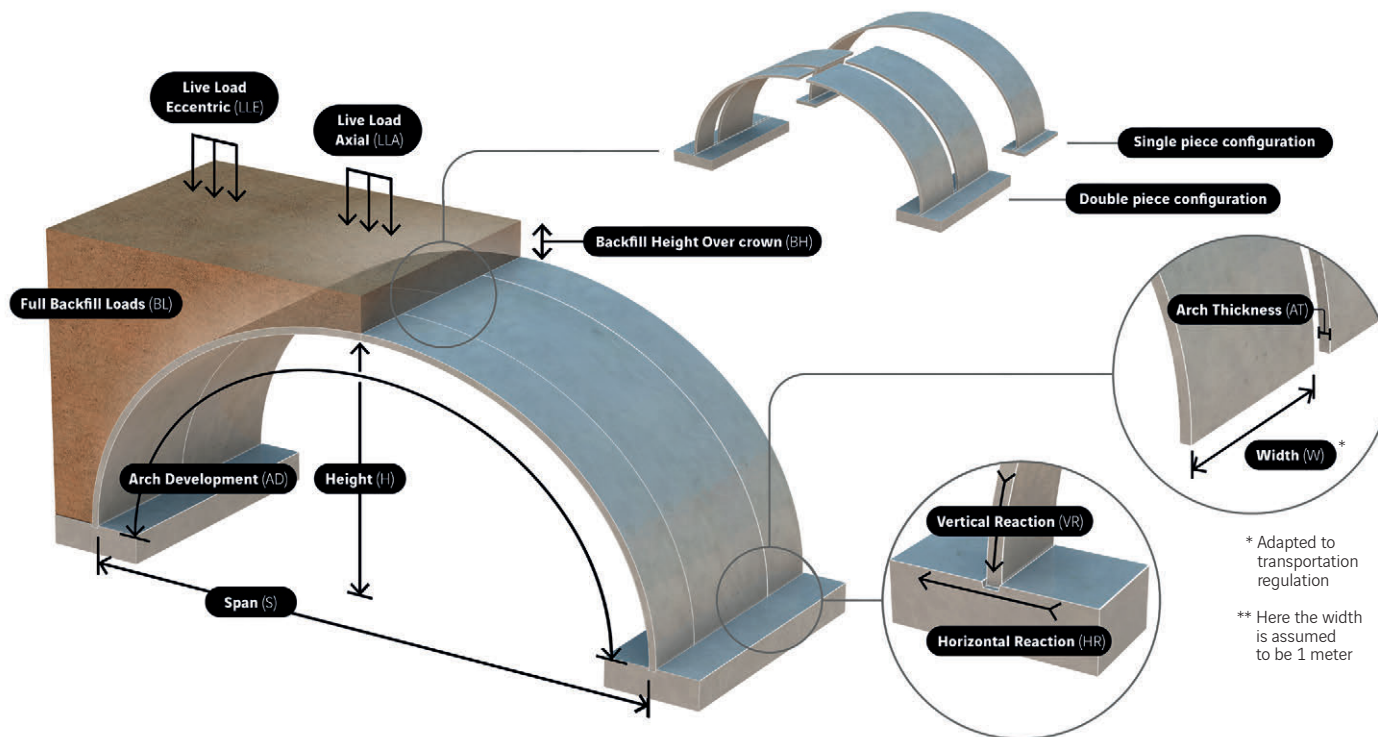
Arch configuration (piece)	Double
Span - S (m)	15,75
Height - H (m)	5,75
Arch Thickness - AT (mm)	350
Arch Development - AD (m)	21,94
Element Weight per unit width (ton/m)	9,60



## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	64,06
Wet perimeter* WP (m)	27,72

\* dimensions given for 1 meter freeboard



\* Adapted to transportation regulation  
 \*\* Here the width is assumed to be 1 meter

## Unfactored footing reactions

		Backfill height over crown (BH) - BH ≥ 1 m									
	Load combination	1 m		2 m		3 m		4 m		5 m	
		HR	VR	HR	VR	HR	VR	HR	VR	HR	VR
TS-F_1600/D reactions (kN/m)	Arch SW*	58	111	58	111	58	111	58	111	58	111
	BL	83	480	149	669	214	859	280	1052	347	1245
	LLA	169	653	235	847	298	1035	359	1219	417	1397
	LLE	196	767	250	932	305	1099	360	1270	417	1442
	SH**	13	549	39	718	126	917	272	1144	479	1401
	SV**	83	598	147	813	230	1036	331	1266	450	1502

\* Arch SW stands for arch self weight  
 \*\* SH and SV stand for horizontal/vertical seismic inertial loads. Live loads excluded

**Contact us to confirm compliance with local requirements**