

Main dimensions

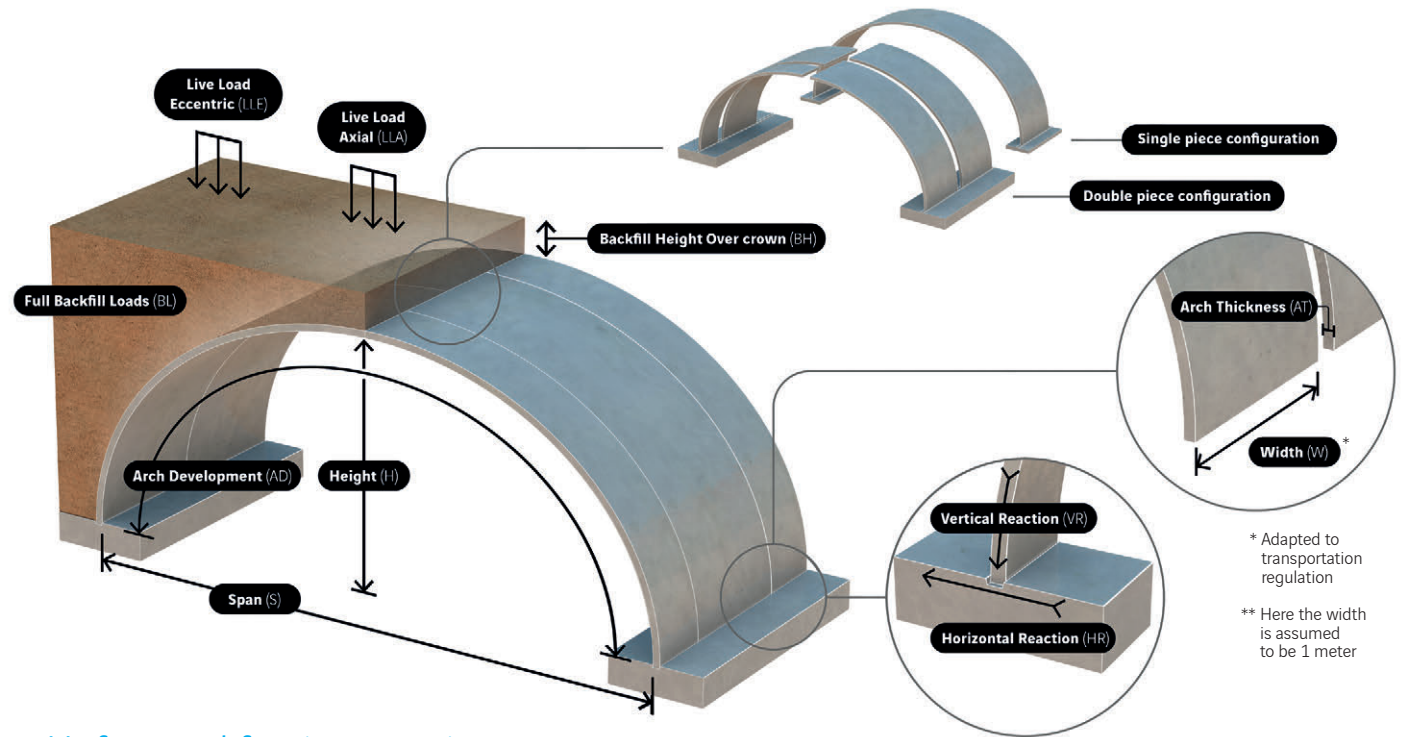
Arch configuration (piece)	Double
Span - S (m)	20,63
Height - H (m)	6,50
Arch Thickness - AT (mm)	450
Arch Development - AD (m)	26,80
Element Weight per unit width (ton/m)	15,08



Hydraulic waterways

Wet surface - WS (m ²)	93,00
Wet perimeter* WP (m)	36,09

* 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_2200/C reactions (kN/m)	Arch SW*	101	159	101	159	101	159	101	159	101	159
	BL	236	719	358	962	480	1204	601	1446	721	1686
	LLA	368	902	486	1141	604	1375	719	1607	834	1835
	LLE	401	999	506	1214	612	1432	719	1653	828	1876
	SH**	128	759	388	998	610	1260	795	1544	943	1851
	SV**	247	843	429	1129	599	1420	759	1716	908	2017

* 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