

Main dimensions

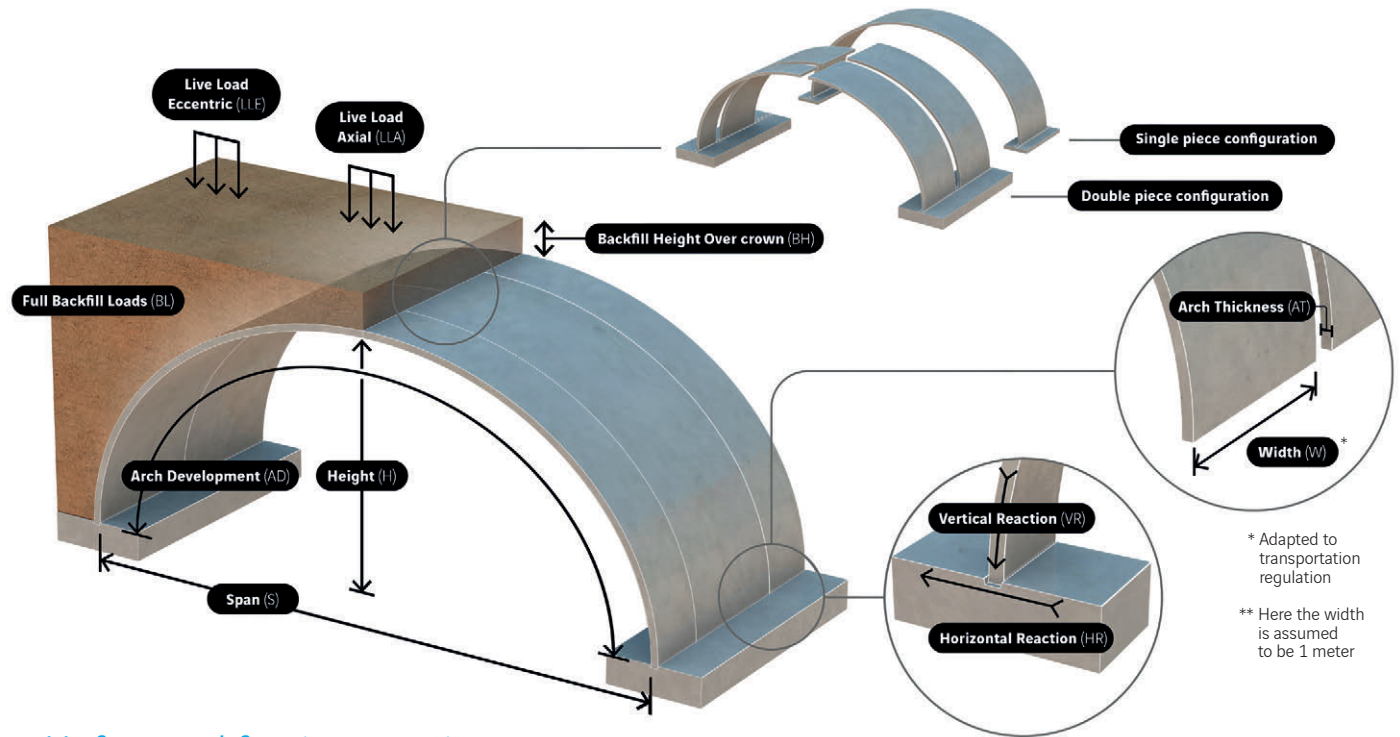
Arch configuration (piece)	Single
Span - S (m)	7,72
Height - H (m)	2,65
Arch Thickness - AT (mm)	200
Arch Development - AD (m)	10,41
Element Weight per unit width (ton/m)	5,21



Hydraulic waterways

Wet surface - WS (m ²)	11,41
Wet perimeter* WP (m)	11,64

* 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_800/B reactions (kN/m)	Arch SW*	16	29	16	29	16	29	16	29	16	29
	BL	50	163	95	255	138	348	181	441	224	535
	LLA	155	321	187	396	214	464	242	535	271	609
	LLE	157	346	175	396	197	457	241	534	281	625
	SH**	75	180	136	290	197	402	260	518	317	627
	SV**	69	199	124	311	179	425	234	539	287	651

* 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