

Main dimensions

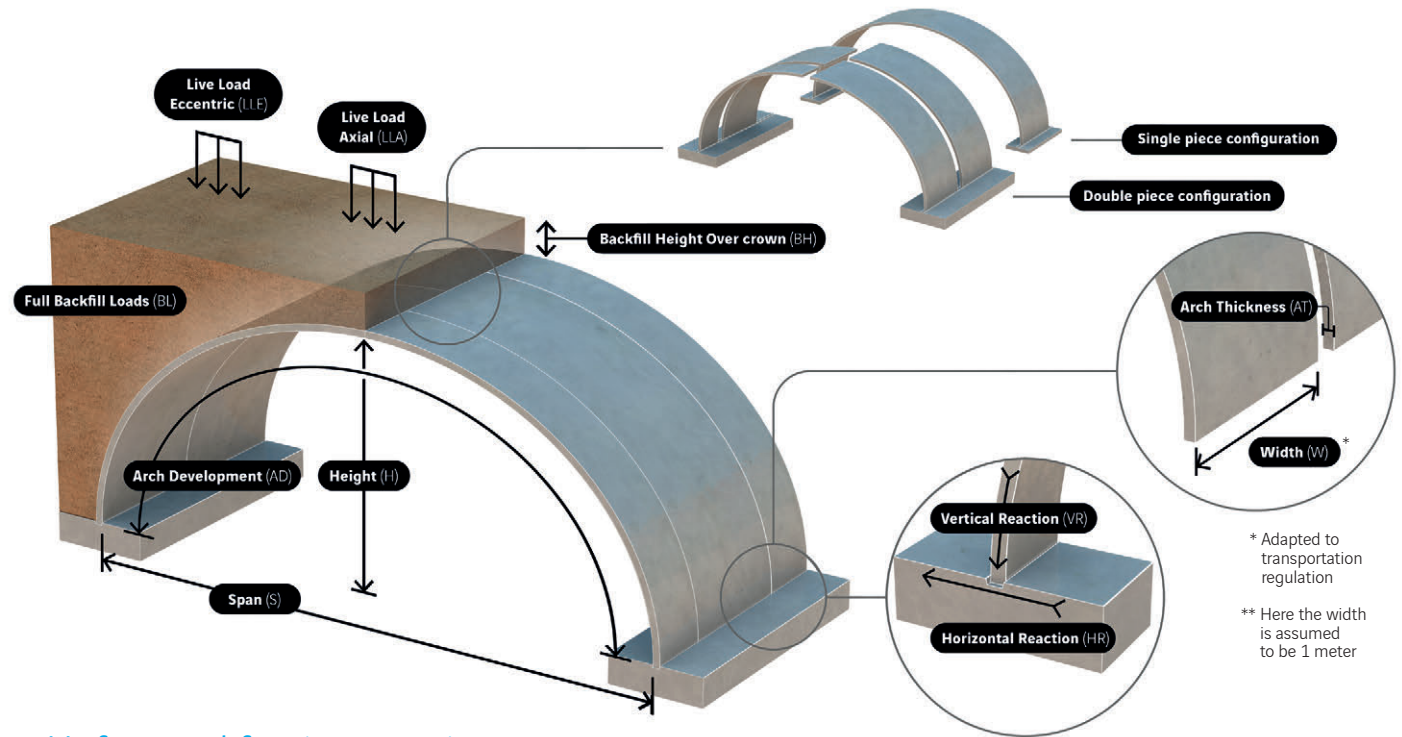
Arch configuration (piece)	Double
Span - S (m)	9,93
Height - H (m)	4,00
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	14,44
Element Weight per unit width (ton/m)	4,51



Hydraulic waterways

Wet surface - WS (m ²)	26,33
Wet perimeter* WP (m)	16,99

* 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_1000/E reactions (kN/m)	Arch SW*	23	50	23	50	23	50	23	50	23	50
	BL	25	238	59	355	94	474	128	593	162	713
	LLA	93	395	123	500	150	602	178	705	205	811
	LLE	107	455	127	539	149	629	173	724	199	824
	SH**	-18	263	7	373	147	520	203	669	255	817
	SV**	21	294	58	429	132	568	178	716	223	864

* 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