

Main dimensions

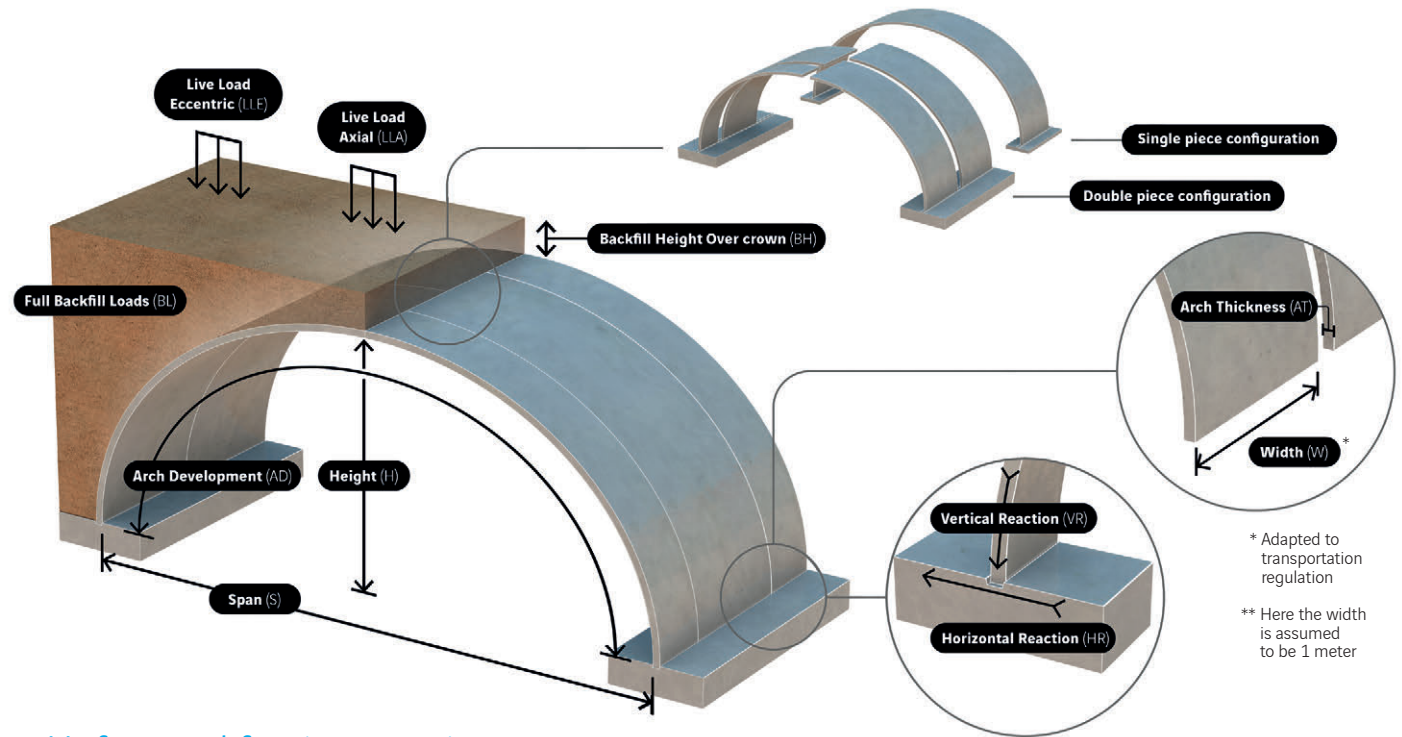
Arch configuration (piece)	Double
Span - S (m)	11,25
Height - H (m)	3,50
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	14,58
Element Weight per unit width (ton/m)	4,56



Hydraulic waterways

Wet surface - WS (m ²)	24,32
Wet perimeter* WP (m)	17,67

* 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_1200/B reactions (kN/m)	Arch SW*	32	49	32	49	32	49	32	49	32	49
	BL	97	269	167	399	236	530	304	660	372	789
	LLA	222	439	282	559	341	675	398	789	455	903
	LLE	235	492	278	584	326	684	379	793	451	912
	SH**	99	293	213	439	319	594	416	751	504	914
	SV**	116	324	211	477	302	634	389	792	474	954

* 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