

Main dimensions

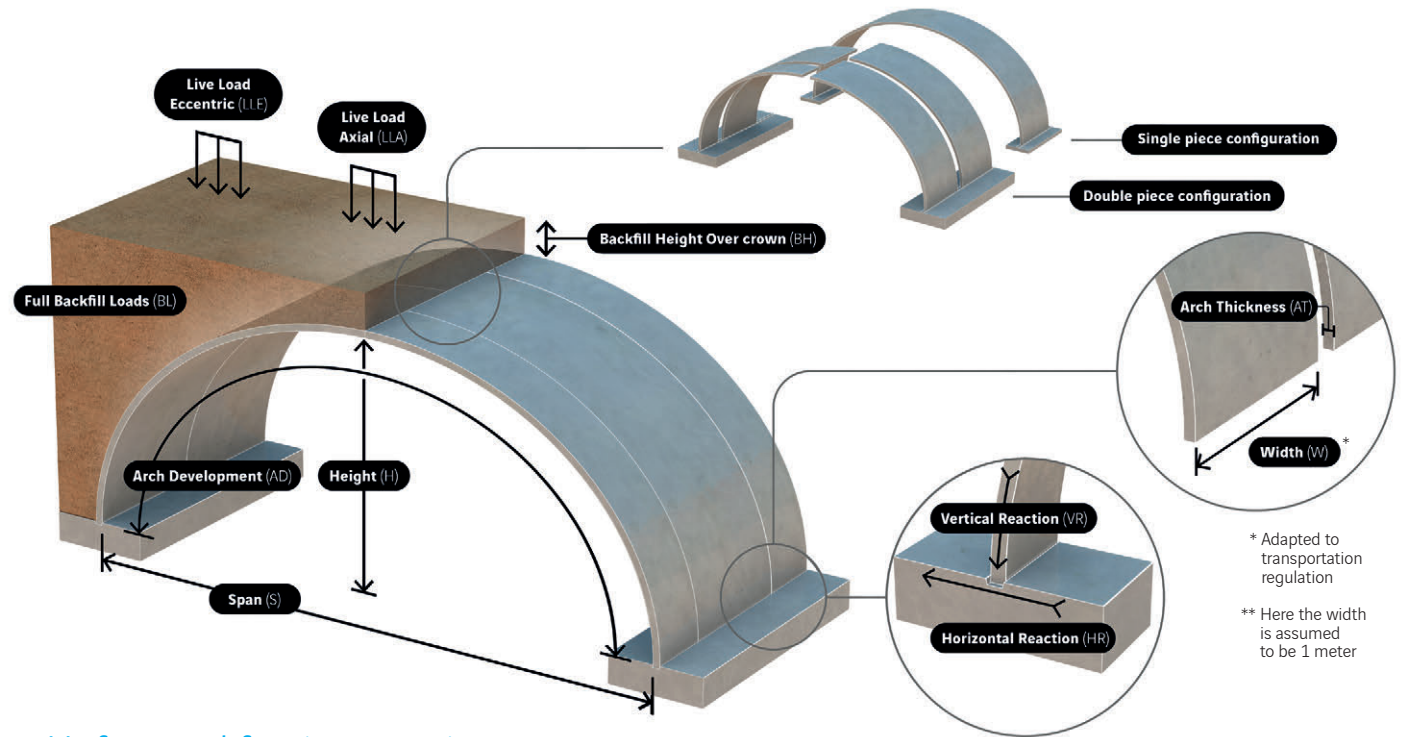
Arch configuration (piece)	Single
Span - S (m)	7,88
Height - H (m)	2,00
Arch Thickness - AT (mm)	225
Arch Development - AD (m)	9,63
Element Weight per unit width (ton/m)	5,42



Hydraulic waterways

Wet surface - WS (m ²)	7,12
Wet perimeter* WP (m)	10,53

* 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_900/A reactions (kN/m)	Arch SW*	25	29	25	29	25	29	25	29	25	29
	BL	102	154	169	240	234	326	298	411	360	495
	LLA	281	321	322	383	362	446	401	510	439	575
	LLE	213	252	285	348	351	439	410	524	463	602
	SH**	150	181	249	292	344	401	435	506	522	608
	SV**	129	188	216	297	301	403	382	508	461	611

* 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