

Main dimensions

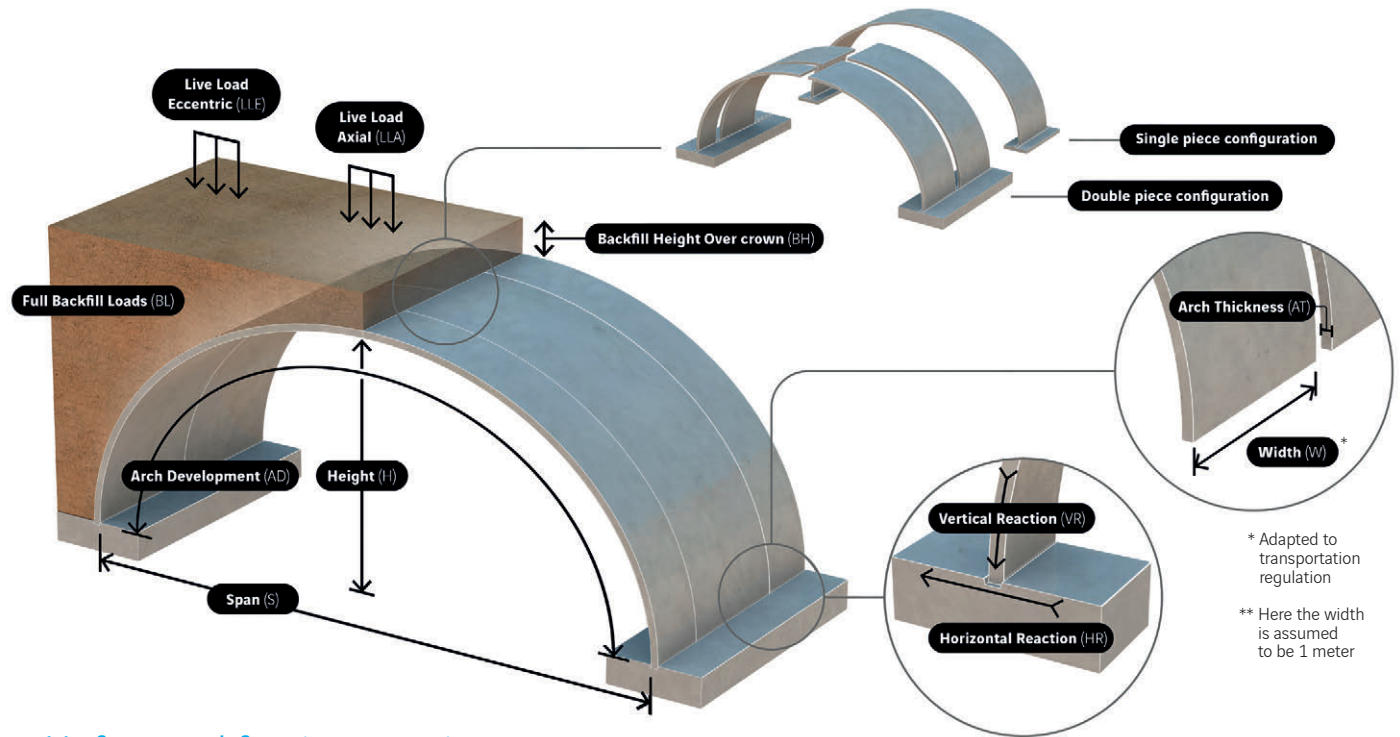
Arch configuration (piece)	Single
Span - S (m)	9,45
Height - H (m)	3,00
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	12,38
Element Weight per unit width (ton/m)	7,74



Hydraulic waterways

Wet surface - WS (m ²)	16,60
Wet perimeter* WP (m)	14,44

* 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/C reactions (kN/m)	Arch SW*	26	42	26	42	26	42	26	42	26	42
	BL	77	212	136	321	194	430	252	540	308	651
	LLA	200	378	247	472	292	564	335	655	375	745
	LLE	196	403	224	470	265	552	318	647	383	756
	SH**	112	234	197	368	280	502	361	638	440	774
	SV**	102	255	177	390	251	524	323	658	395	793

* 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