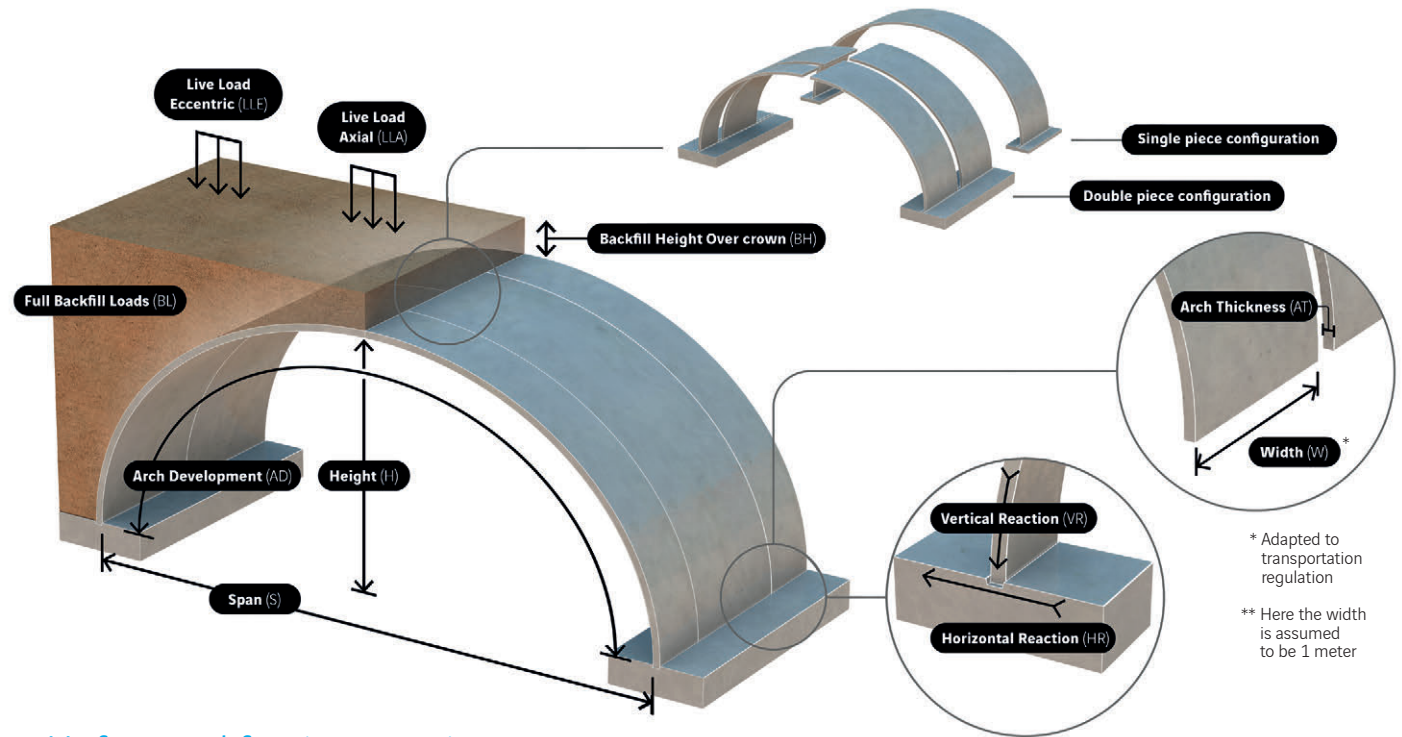


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	12,46
Height - H (m)	3,25
Arch Thickness - AT (mm)	300
Arch Development - AD (m)	15,31
Element Weight per unit width (ton/m)	5,74



* 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_1400/A reactions (kN/m)	Arch SW*	54	59	54	59	54	59	54	59	54	59
	BL	182	295	290	429	397	563	504	697	609	832
	LLA	365	464	463	589	558	714	645	833	732	952
	LLE	367	504	444	604	526	715	615	833	732	953
	SH**	241	317	389	480	539	650	686	819	833	990
	SV**	229	350	366	515	501	681	634	846	766	1012

Hydraulic waterways

Wet surface - WS (m ²)	24,16
Wet perimeter* WP (m)	18,71

* dimensions given for 1 meter freeboard

* 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