

Main dimensions

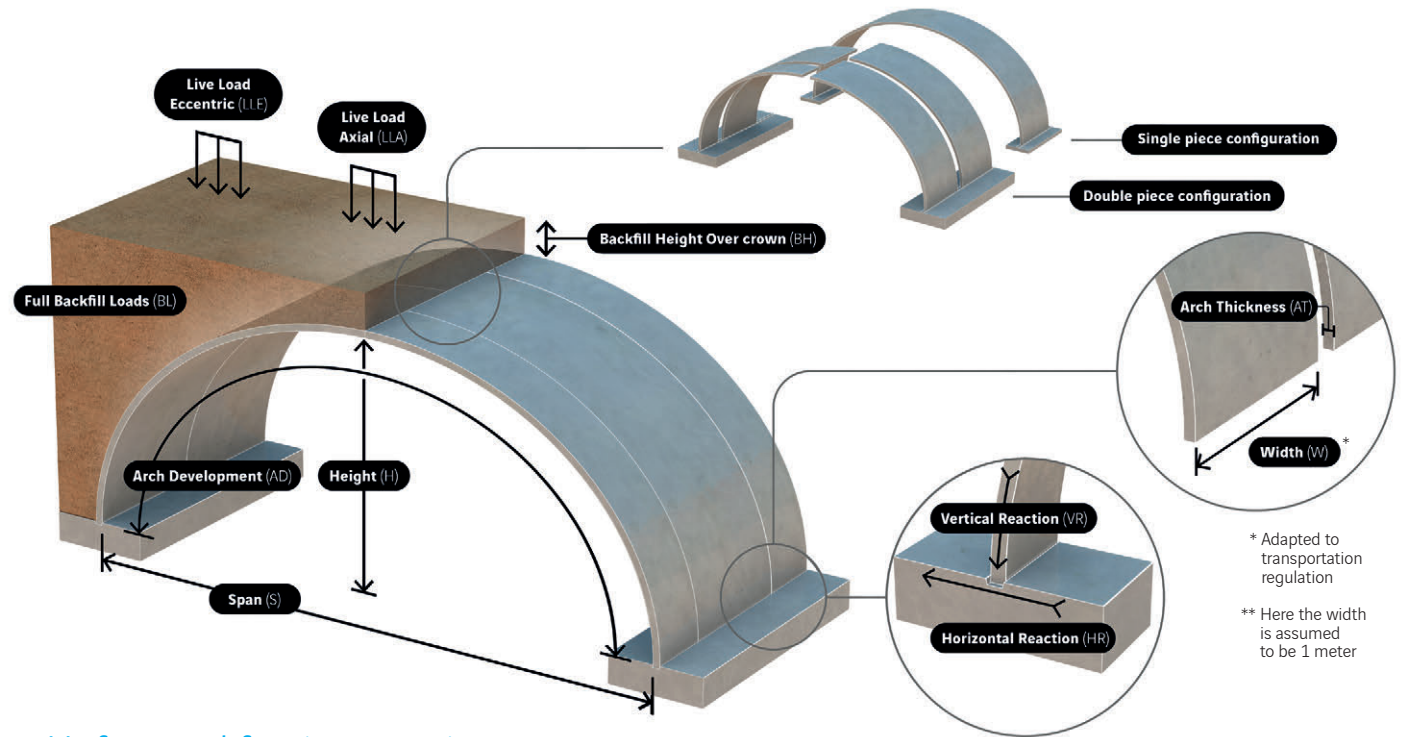
Arch configuration (piece)	Double
Span - S (m)	14,84
Height - H (m)	4,25
Arch Thickness - AT (mm)	350
Arch Development - AD (m)	18,81
Element Weight per unit width (ton/m)	8,23



Hydraulic waterways

Wet surface - WS (m ²)	41,05
Wet perimeter* WP (m)	23,67

* 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_1600/A reactions (kN/m)	Arch SW*	61	85	61	85	61	85	61	85	61	85
	BL	176	401	279	570	380	737	481	905	579	1071
	LLA	323	583	421	748	512	903	601	1059	689	1213
	LLE	333	634	413	772	493	915	579	1065	666	1216
	SH**	224	412	364	614	510	831	651	1043	796	1256
	SV**	187	474	301	668	475	874	604	1086	732	1293

* 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