

Main dimensions

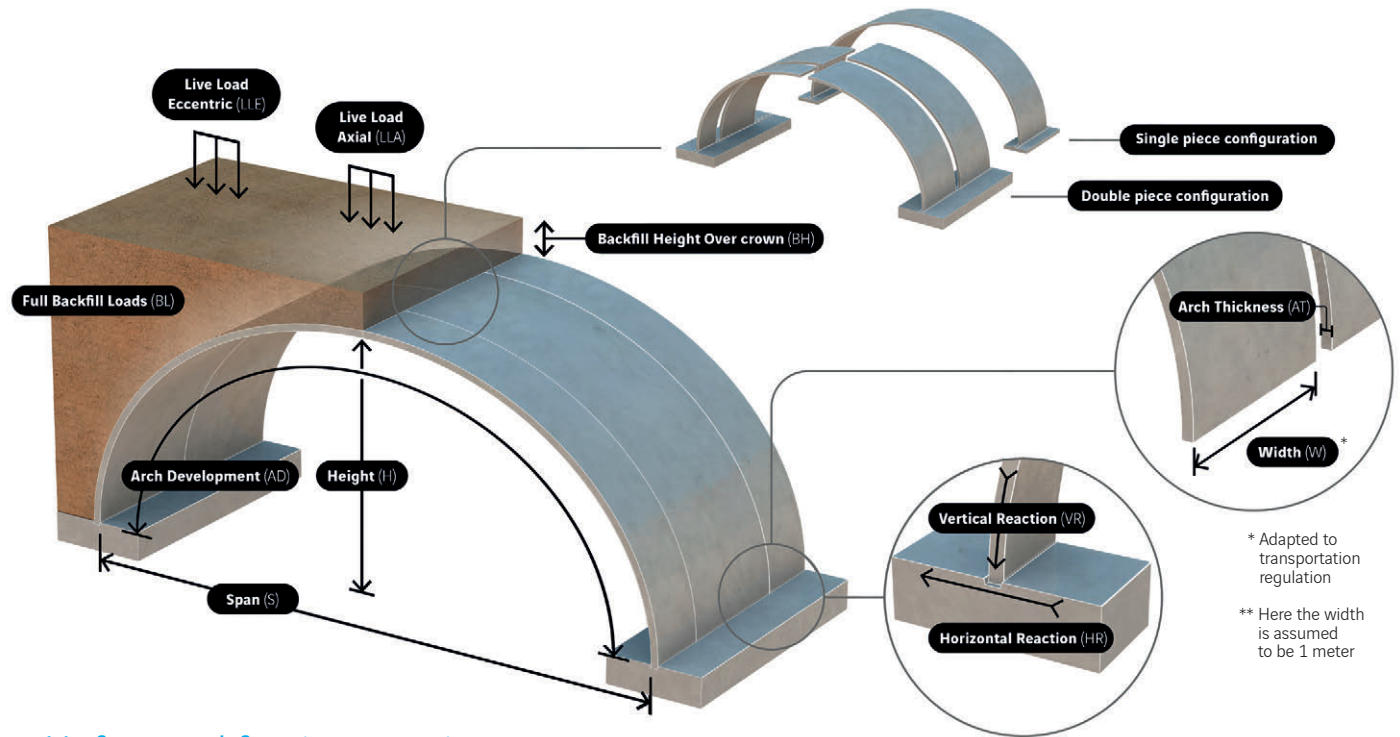
Arch configuration (piece)	Double
Span - S (m)	16,09
Height - H (m)	4,25
Arch Thickness - AT (mm)	375
Arch Development - AD (m)	19,81
Element Weight per unit width (ton/m)	9,29



Hydraulic waterways

Wet surface - WS (m ²)	43,86
Wet perimeter* WP (m)	25,49

* 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_1800/A reactions (kN/m)	Arch SW*	82	102	82	102	82	102	82	102	82	102
	BL	238	458	368	643	499	830	630	1016	761	1204
	LLA	419	647	547	829	670	1008	788	1183	902	1355
	LLE	434	712	535	864	640	1022	750	1187	865	1359
	SH**	304	479	492	710	678	943	863	1179	1046	1416
	SV**	254	539	450	769	634	999	804	1229	962	1459

* 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