

Main dimensions

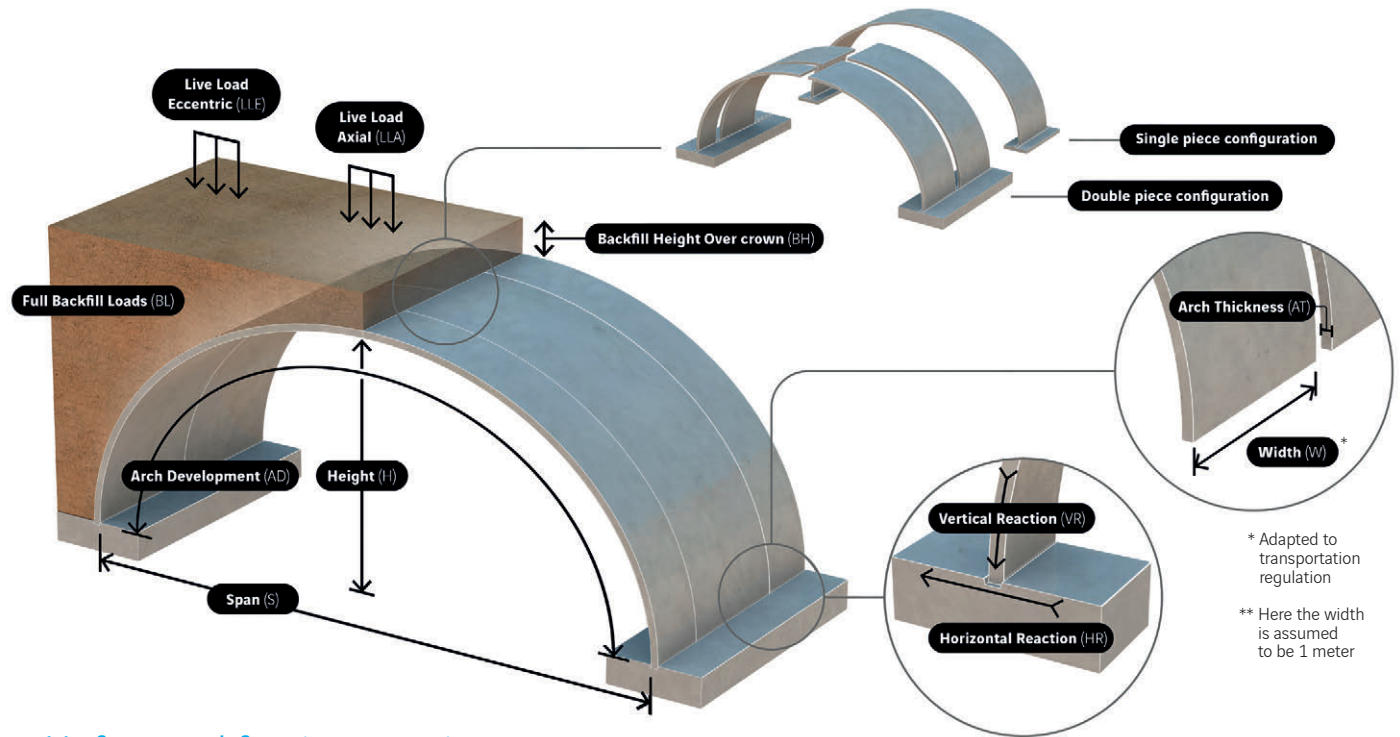
Arch configuration (piece)	Double
Span - S (m)	13,62
Height - H (m)	4,75
Arch Thickness - AT (mm)	300
Arch Development - AD (m)	18,53
Element Weight per unit width (ton/m)	6,95



Hydraulic waterways

Wet surface - WS (m ²)	43,82
Wet perimeter* WP (m)	23,09

* 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_1400/D reactions (kN/m)	Arch SW*	40	79	40	79	40	79	40	79	40	79
	BL	84	383	149	549	213	714	276	879	339	1044
	LLA	176	553	238	714	297	872	354	1026	408	1176
	LLE	206	628	254	761	303	898	355	1040	410	1187
	SH**	33	394	169	586	288	783	391	986	477	1195
	SV**	108	454	191	658	274	861	357	1064	438	1267

* 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