

Main dimensions

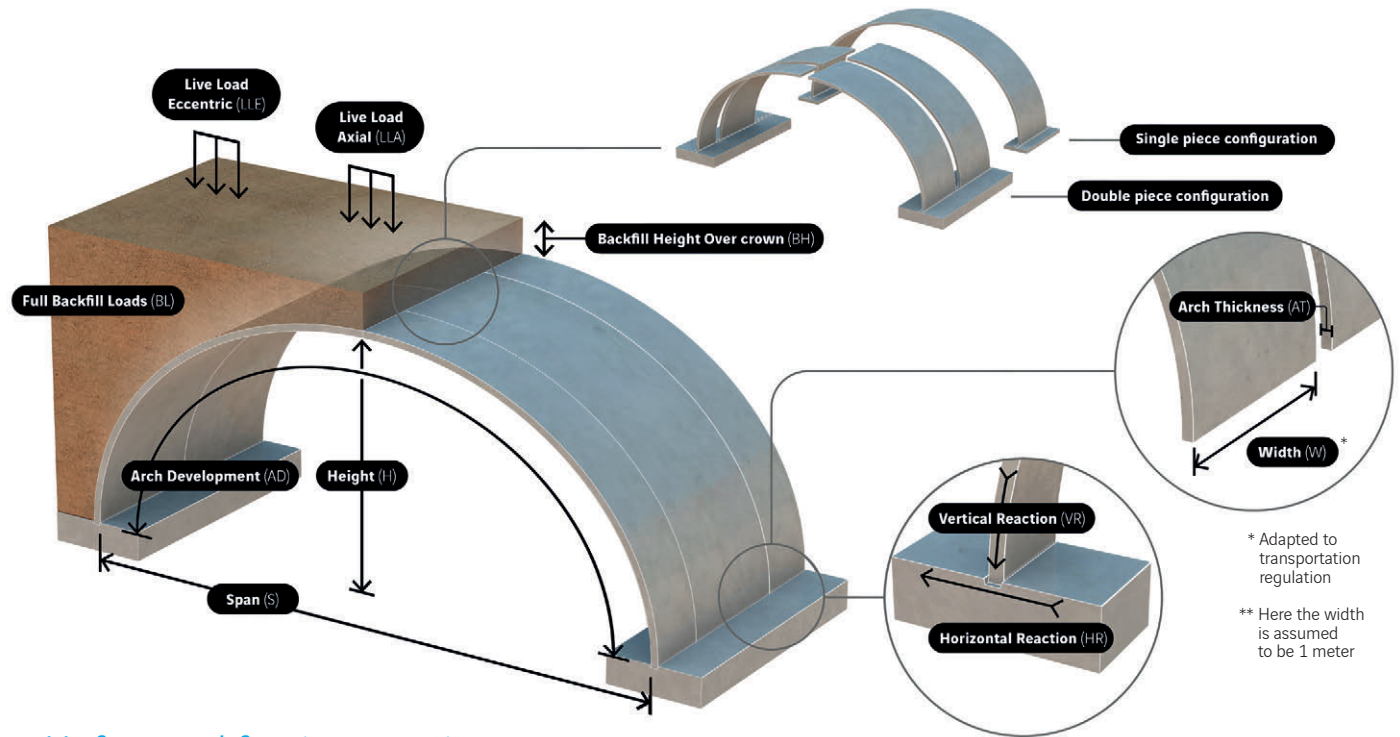
Arch configuration (piece)	Double
Span - S (m)	8,00
Height - H (m)	4,65
Arch Thickness - AT (mm)	200
Arch Development - AD (m)	14,44
Element Weight per unit width (ton/m)	3,61



Hydraulic waterways

Wet surface - WS (m ²)	27,32
Wet perimeter* WP (m)	15,95

* 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_800/F reactions (kN/m)	Arch SW*	10	38	10	38	10	38	10	38	10	38
	BL	-29	179	-30	277	-30	375	-38	484	-39	583
	LLA	-35	308	-34	393	-34	476	-35	562	-36	651
	LLE	-21	379	-24	446	-26	515	-28	591	-30	668
	SH**	-64	245	-69	350	-71	454	-75	554	-77	654
	SV**	-41	246	-43	362	-44	478	-46	593	-47	706

* 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