

## Main dimensions

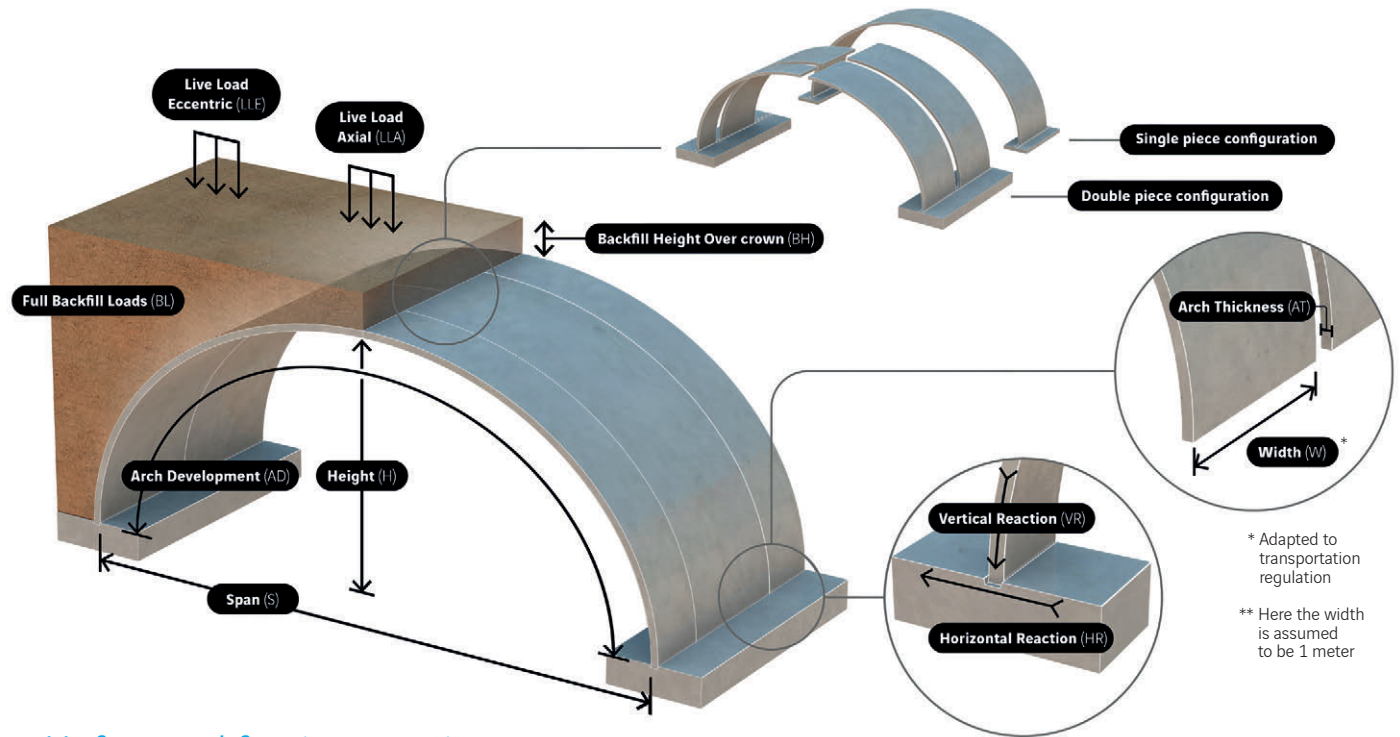
Arch configuration (piece)	Double
Span - S (m)	8,00
Height - H (m)	4,15
Arch Thickness - AT (mm)	200
Arch Development - AD (m)	13,44
Element Weight per unit width (ton/m)	3,36



## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	23,32
Wet perimeter* WP (m)	14,95

\* 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/E reactions (kN/m)	Arch SW*	11	36	11	36	11	36	11	36	11	36
	BL	-22	185	-16	277	-10	373	-4	468	1	563
	LLA	-8	308	-2	386	3	468	7	550	11	633
	LLE	3	375	3	437	5	505	7	576	10	651
	SH**	-52	229	-49	323	-46	418	-43	515	-37	606
	SV**	-31	240	-25	348	-19	459	-12	570	-6	677

\* 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**