

## Main dimensions

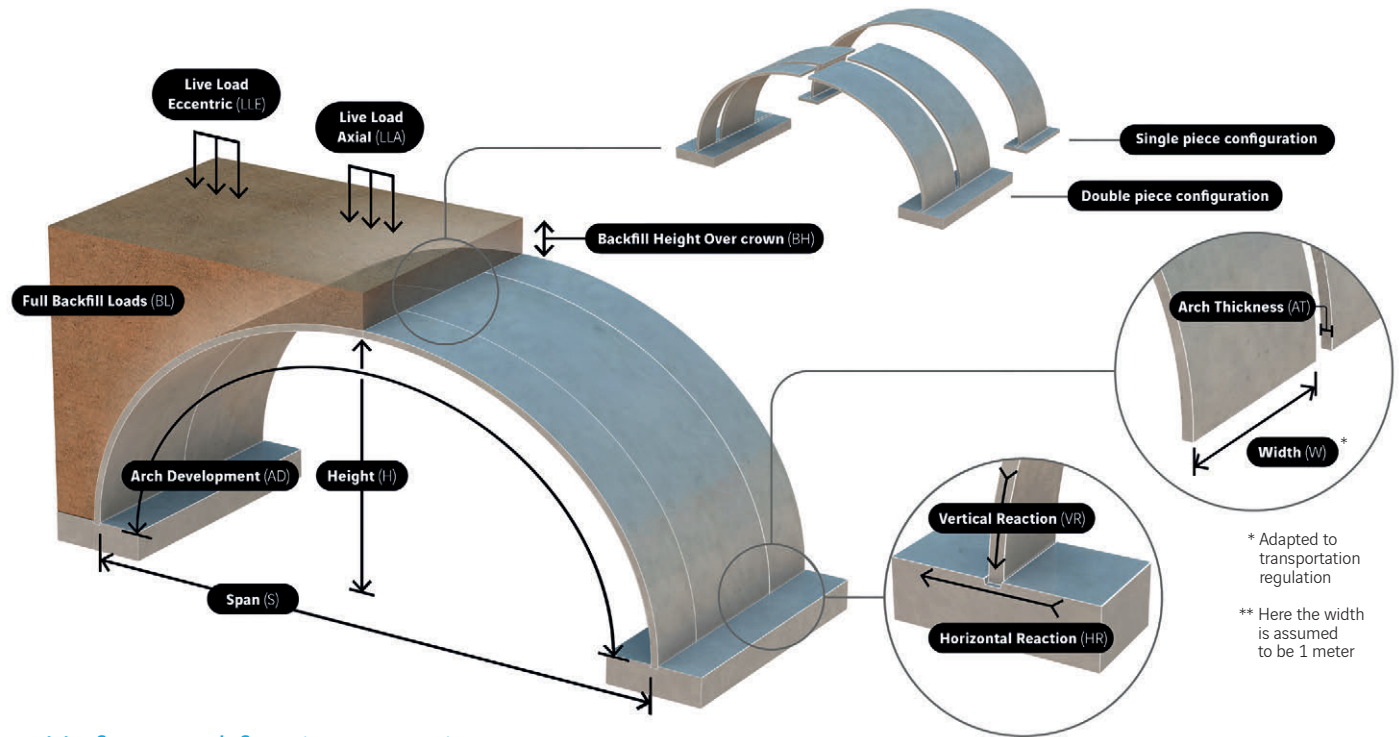
Arch configuration (piece)	Double
Span - S (m)	20,97
Height - H (m)	7,00
Arch Thickness - AT (mm)	450
Arch Development - AD (m)	27,86
Element Weight per unit width (ton/m)	15,67



## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	103,40
Wet perimeter* WP (m)	37,5

\* 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_2200/D reactions (kN/m)	Arch SW*	95	164	95	164	95	164	95	164	95	164
	BL	205	751	314	1000	424	1248	533	1495	643	1742
	LLA	318	931	425	1176	531	1417	635	1655	738	1889
	LLE	354	1028	449	1251	546	1476	643	1703	743	1932
	SH**	97	793	324	1021	520	1278	686	1565	820	1881
	SV**	213	877	373	1170	525	1468	670	1772	806	2081

\* 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**