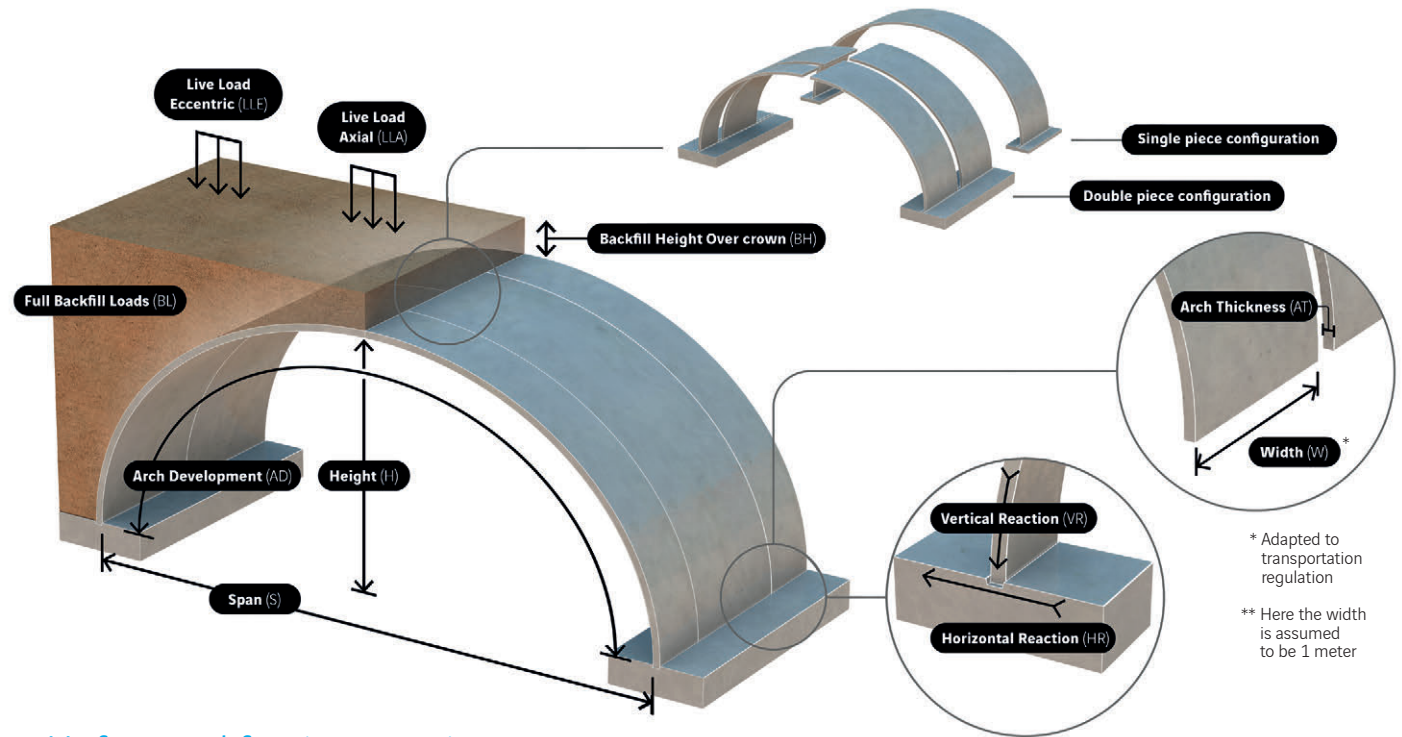


## Main dimensions

Arch configuration (piece)	Double
Span - S (m)	12,00
Height - H (m)	6,50
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	20,67
Element Weight per unit width (ton/m)	6,46



\* 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_1200/H reactions (kN/m)	Arch SW*	21	72	21	72	21	72	21	72	21	72
	BL	-49	334	-46	468	-43	606	-40	747	-37	889
	LLA	-46	447	-42	584	-38	719	-35	853	-32	984
	LLE	-31	554	-31	671	-30	788	-28	908	-26	1028
	SH**	-82	436	-97	589	-98	733	-104	873	-107	1014
	SV**	-59	433	-58	600	-65	853	-54	928	-53	1092

## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	59,82
Wet perimeter* WP (m)	24,52

\* dimensions given for 1 meter freeboard

\* 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**