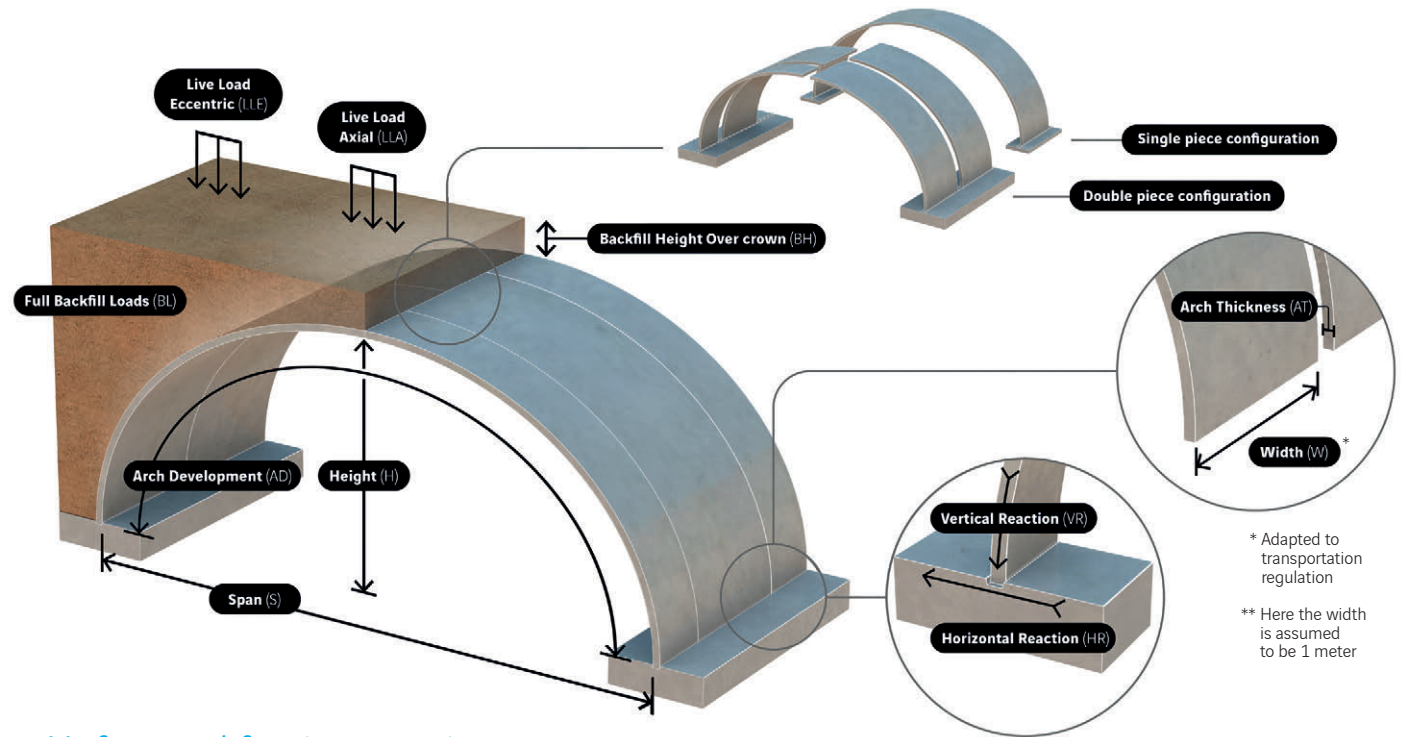


## Main dimensions

Arch configuration (piece)	Double
Span - S (m)	18,88
Height - H (m)	6,00
Arch Thickness - AT (mm)	400
Arch Development - AD (m)	24,63
Element Weight per unit width (ton/m)	12,32



\* 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_2000/C reactions (kN/m)	Arch SW*	82	131	82	131	82	131	82	131	82	131
	BL	188	603	298	823	407	1043	516	1263	625	1484
	LLA	313	783	419	1000	524	1214	627	1427	730	1637
	LLE	339	856	432	1052	527	1250	624	1452	722	1656
	SH**	134	640	330	859	510	1100	674	1363	822	1648
	SV**	235	712	373	978	511	1245	650	1514	788	1784

## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	78,17
Wet perimeter* WP (m)	32,66

\* 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**