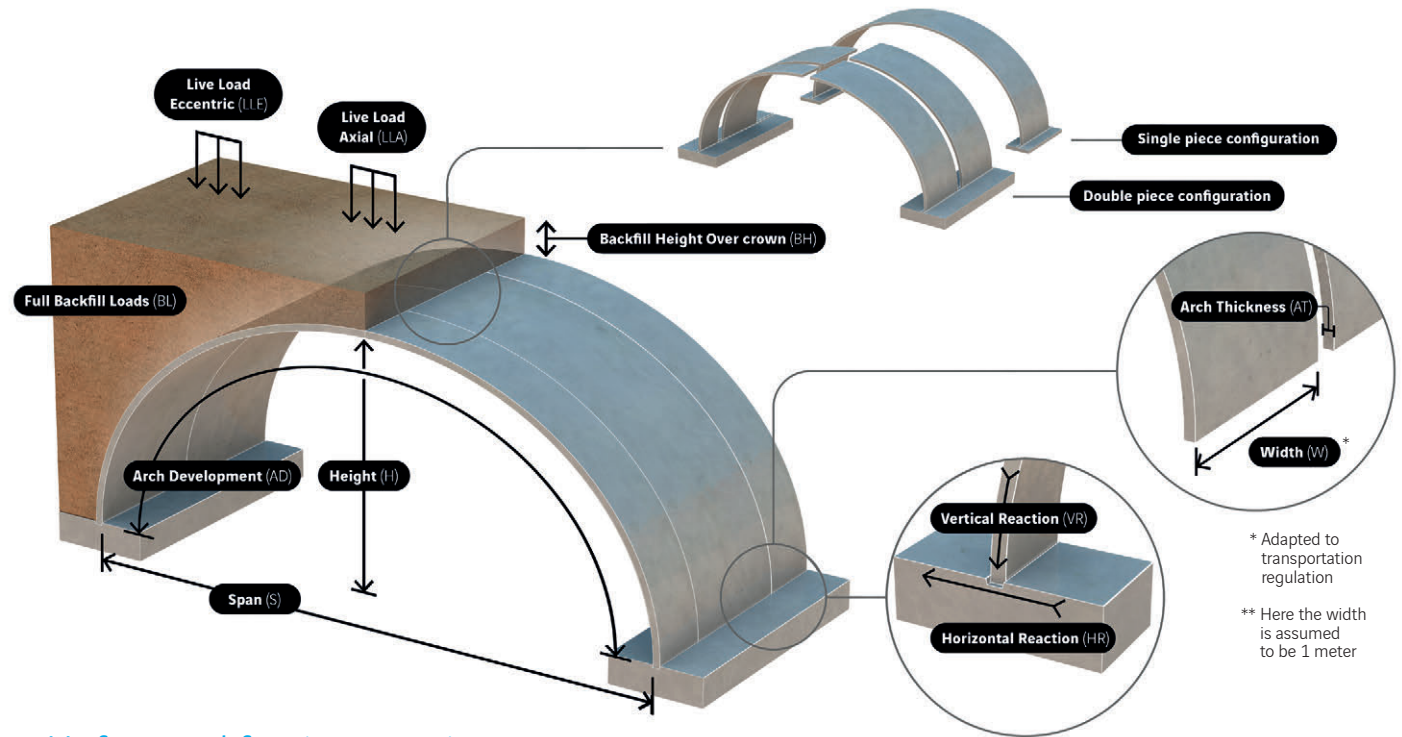


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	13,32
Height - H (m)	4,25
Arch Thickness - AT (mm)	300
Arch Development - AD (m)	17,49
Element Weight per unit width (ton/m)	6,56



* 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_1400/C reactions (kN/m)	Arch SW*	45	72	45	72	45	72	45	72	45	72
	BL	116	354	194	510	272	666	350	821	426	975
	LLA	237	524	311	674	381	821	448	963	513	1103
	LLE	258	588	315	710	375	839	439	973	514	1111
	SH**	100	369	240	552	369	740	486	932	592	1129
	SV**	147	420	248	612	348	803	446	994	544	1185

* Arch SW stands for arch self weight
 ** SH and SV stand for horizontal/vertical seismic inertial loads. Live loads excluded

Hydraulic waterways

Wet surface - WS (m ²)	37,08
Wet perimeter* WP (m)	21,75

* dimensions given for 1 meter freeboard

Contact us to confirm compliance with local requirements