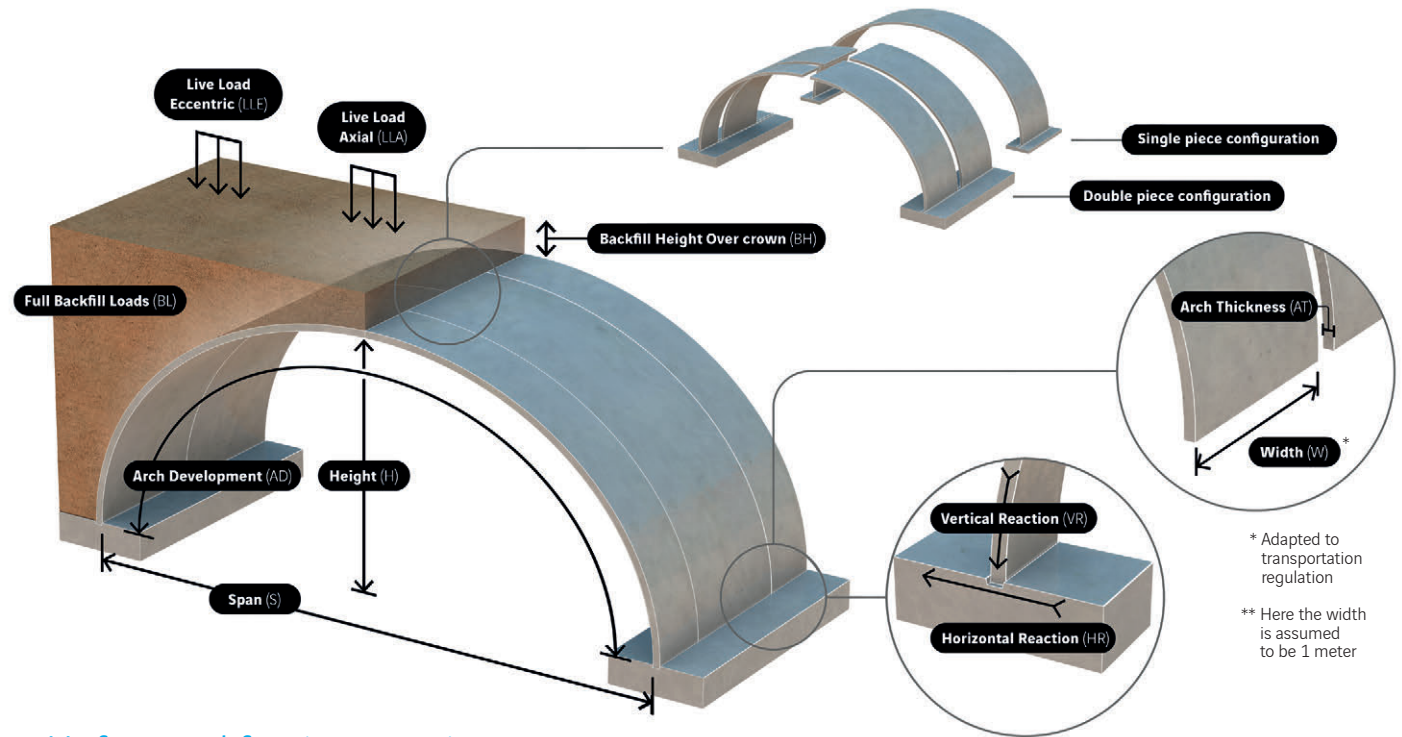


Main dimensions

Arch configuration (piece)	Single
Span - S (m)	8,44
Height - H (m)	2,00
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	10,15
Element Weight per unit width (ton/m)	6,34



* 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_1000/A reactions (kN/m)	Arch SW*	32	34	32	34	32	34	32	34	32	34
	BL	122	165	200	256	277	347	351	437	424	526
	LLA	325	335	380	405	423	469	467	536	516	608
	LLE	282	345	328	395	411	462	479	549	543	633
	SH**	178	197	294	311	405	428	510	538	612	648
	SV**	154	202	255	316	355	428	449	539	541	647

Hydraulic waterways

Wet surface - WS (m ²)	7,60
Wet perimeter* WP (m)	11,18

* 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