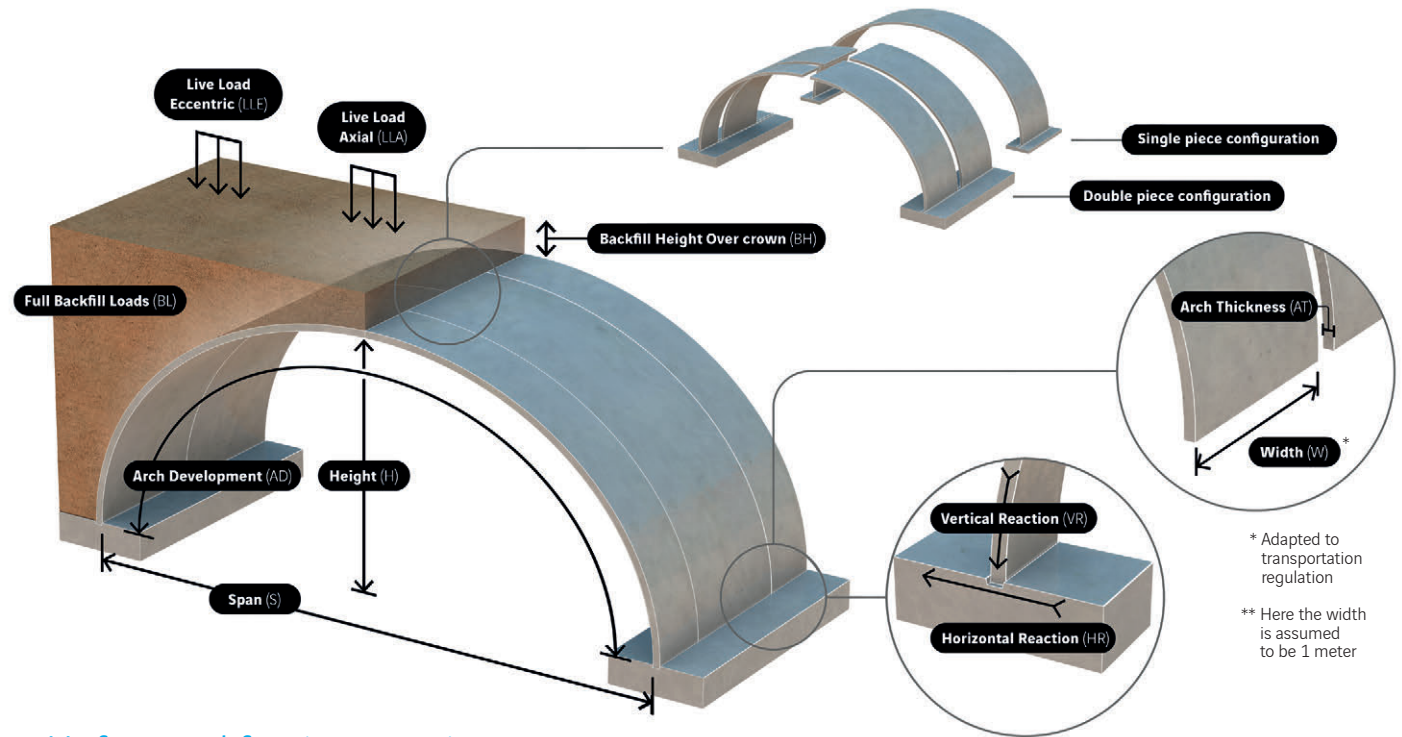


Main dimensions

Arch configuration (piece)	Single
Span - S (m)	8,73
Height - H (m)	3,00
Arch Thickness - AT (mm)	225
Arch Development - AD (m)	11,80
Element Weight per unit width (ton/m)	6,64



* 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_900/C reactions (kN/m)	Arch SW*	22	35	22	35	22	35	22	35	22	35
	BL	68	191	122	291	175	392	227	494	279	597
	LLA	177	344	220	429	261	513	300	598	338	682
	LLE	191	385	214	445	247	516	290	599	343	692
	SH**	89	201	163	321	235	443	308	567	379	691
	SV**	88	228	154	351	221	475	287	599	352	724

* 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)	15,48
Wet perimeter* WP (m)	13,55

* dimensions given for 1 meter freeboard

Contact us to confirm compliance with local requirements