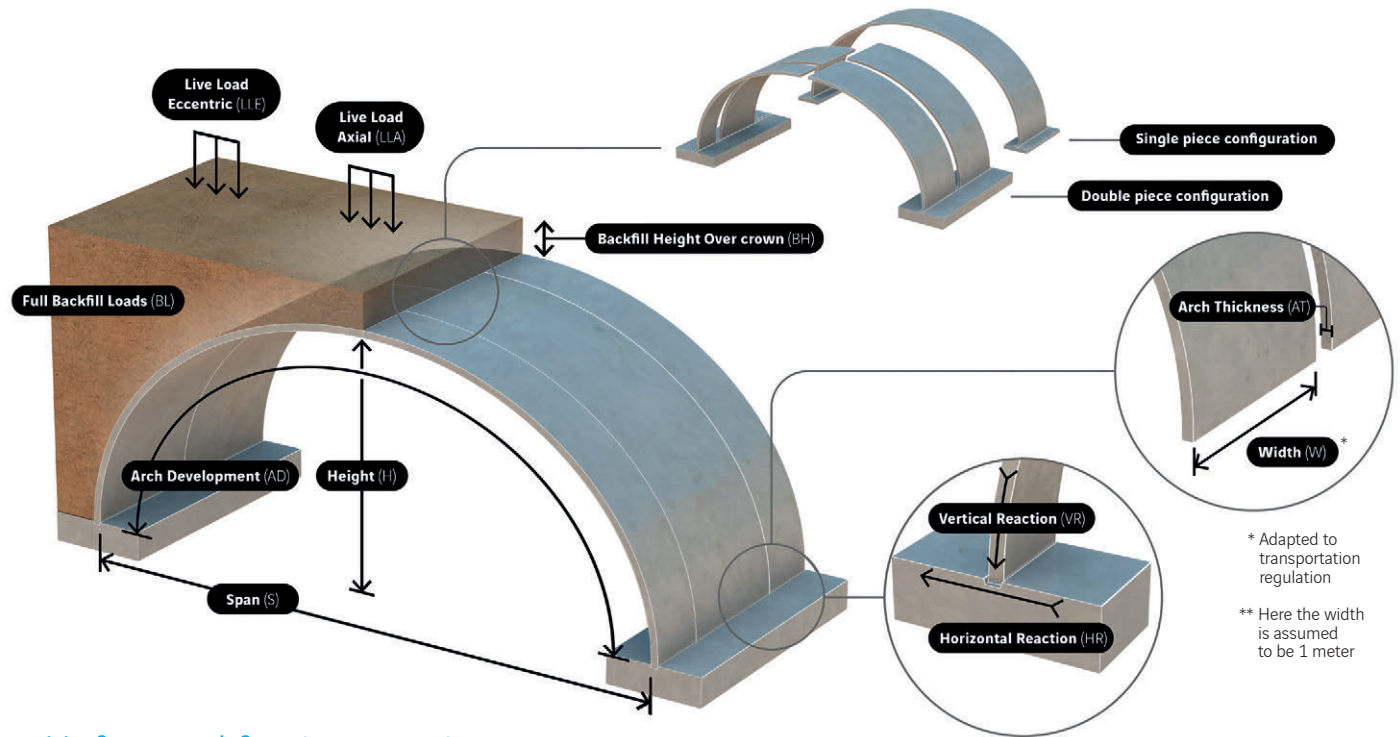


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	21,86
Height - H (m)	9,00
Arch Thickness - AT (mm)	450
Arch Development - AD (m)	31,96
Element Weight per unit width (ton/m)	17,98



* 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_2200/H reactions (kN/m)	Arch SW*	86	191	86	191	86	191	86	191	86	191
	BL	66	846	128	1097	191	1352	256	1609	323	1870
	LLA	121	986	185	1241	248	1497	312	1752	376	2007
	LLE	161	1126	216	1360	273	1597	331	1835	389	2076
	SH**	-56	1004	4	1267	63	1525	120	1779	175	2029
	SV**	57	1042	129	1337	200	1634	272	1931	345	2230

Hydraulic waterways

Wet surface - WS (m ²)	146,37
Wet perimeter* WP (m)	42,49

* 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