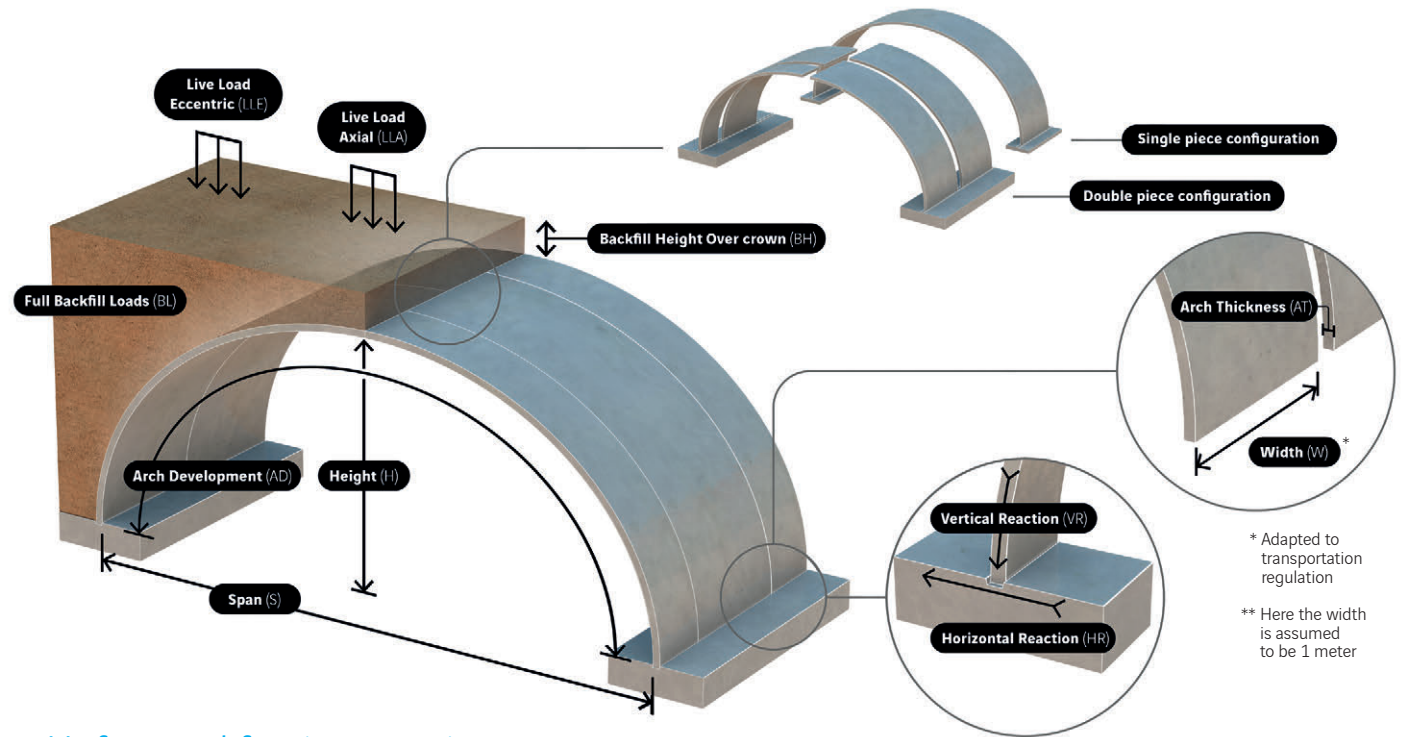
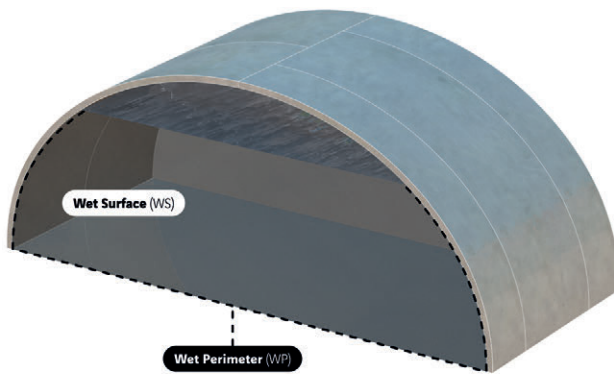


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	9,00
Height - H (m)	4,00
Arch Thickness - AT (mm)	225
Arch Development - AD (m)	13,82
Element Weight per unit width (ton/m)	3,89



* 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/E reactions (kN/m)	Arch SW*	16	44	16	44	16	44	16	44	16	44
	BL	5	208	24	312	44	416	63	522	82	628
	LLA	46	343	62	434	77	526	92	617	107	710
	LLE	59	414	69	487	79	564	91	644	104	729
	SH**	-29	235	5	346	34	459	59	573	79	688
	SV**	3	262	27	385	51	508	74	632	97	757

* 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)	24,39
Wet perimeter* WP (m)	15,85

* dimensions given for 1 meter freeboard

Contact us to confirm compliance with local requirements