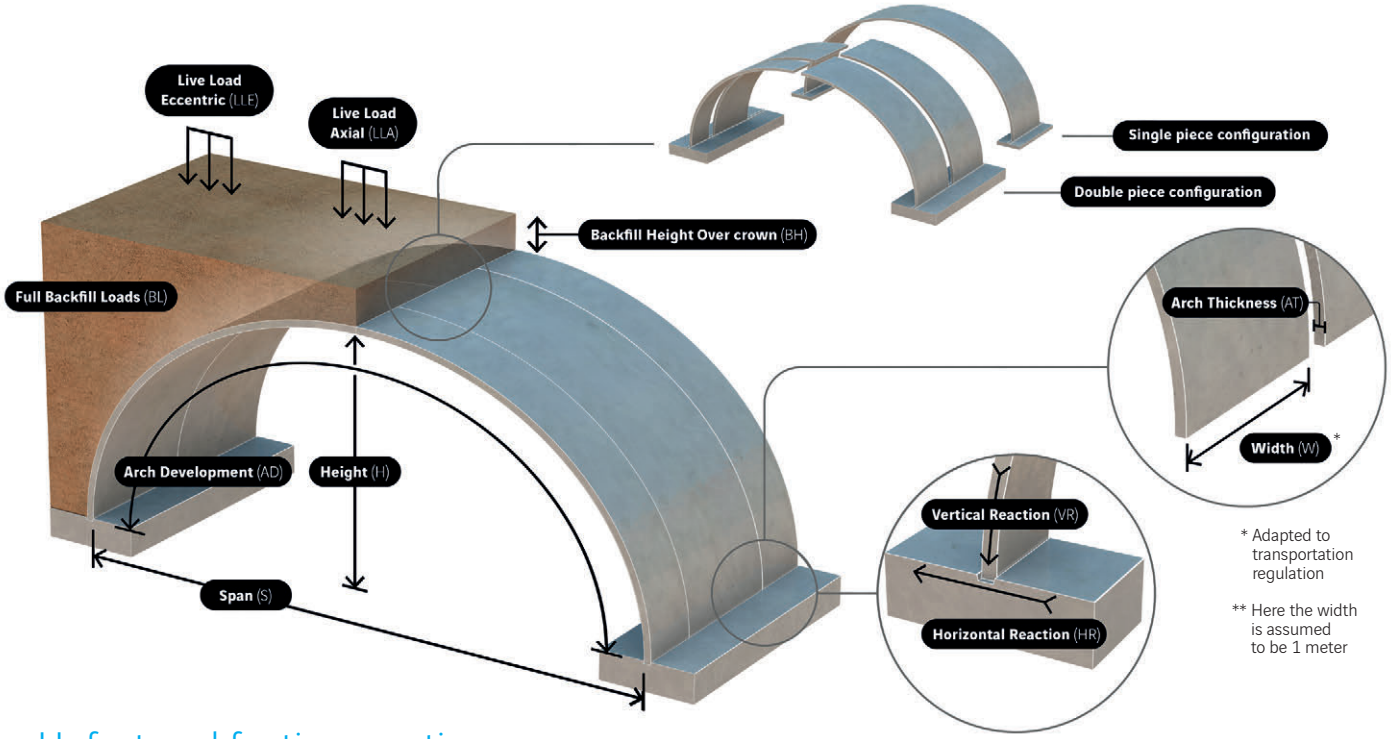
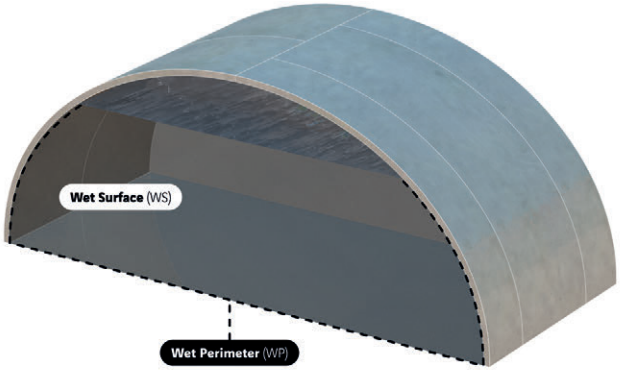
Main dimensions

Arch configuration (piece)	Double
Span - S (m)	9,00
Height - H (m)	5,50
Arch Thickness - AT (mm)	225
Arch Development - AD (m)	16,82
Element Weight per unit width (ton/m)	4,73



* Adapted to transportation regulation

** Here the width is assumed to be 1 meter



Hydraulic waterways

Wet surface - WS (m^2)	37,89
Wet perimeter* WP (m)	18,85

* dimensions given for 1 meter freeboard

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/H reactions (kN/m)	Arch SW*	11	49	11	49	11	49	11	49	11	49
	BL	-45	237	-47	341	-50	447	-52	554	-55	663
	LLA	-45	340	-47	439	-49	537	-52	636	-54	734
	LLE	-36	419	-40	499	-44	582	-47	668	-51	755
	SH**	-74	302	-80	416	-84	530	-87	642	-89	754
	SV**	-53	297	-57	424	-60	551	-63	679	-66	807

* 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