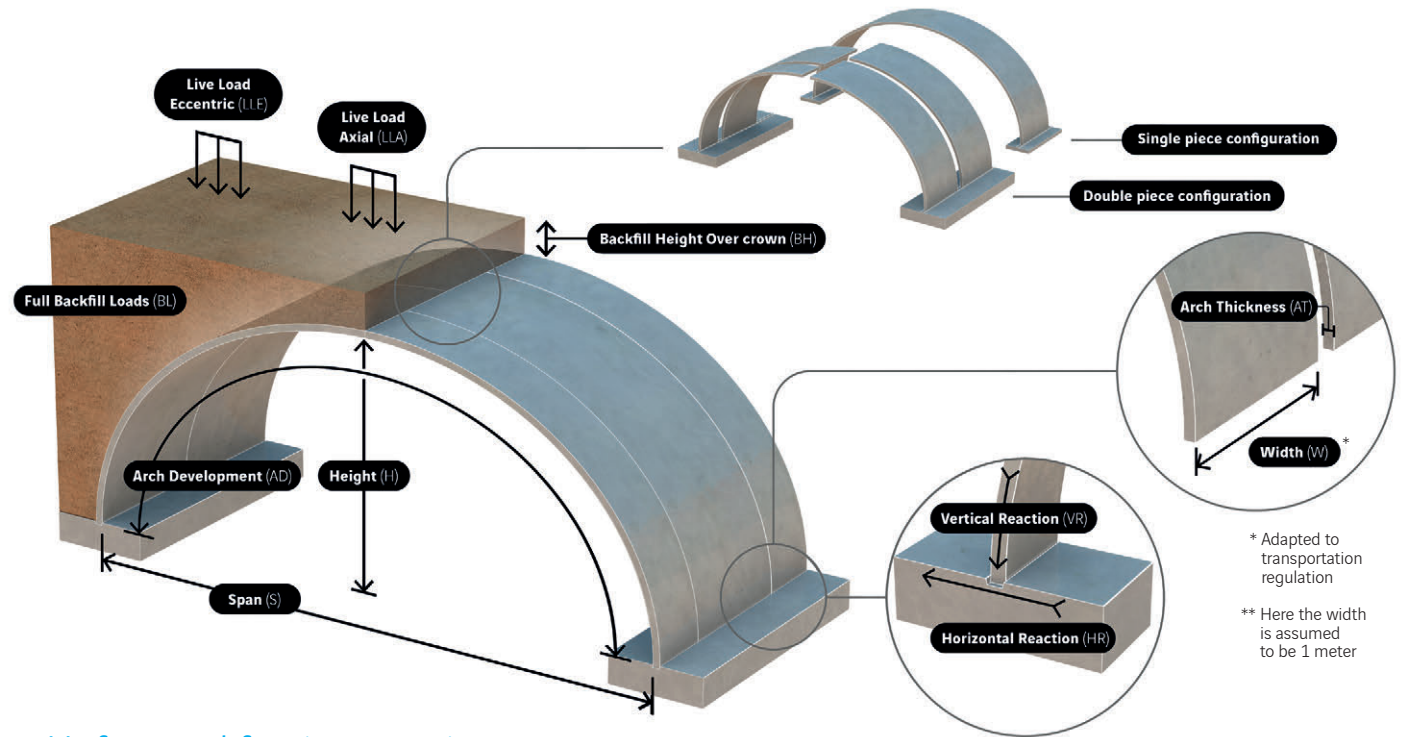
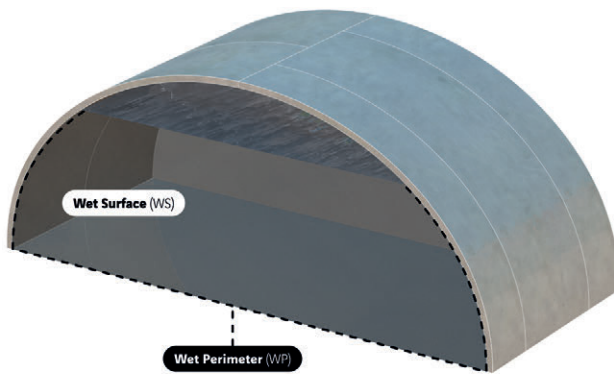


Main dimensions

Arch configuration (piece)	Single
Span - S (m)	9,02
Height - H (m)	2,50
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	11,30
Element Weight per unit width (ton/m)	7,06



* 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/B reactions (kN/m)	Arch SW*	29	38	29	38	29	38	29	38	29	38
	BL	99	189	167	289	234	390	300	490	364	590
	LLA	260	357	311	439	355	518	399	598	443	679
	LLE	238	375	274	434	336	508	396	599	460	696
	SH**	144	216	244	340	341	466	433	589	524	713
	SV**	127	230	215	354	301	478	384	600	466	722

Hydraulic waterways

Wet surface - WS (m ²)	11,97
Wet perimeter* WP (m)	12,92

* 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