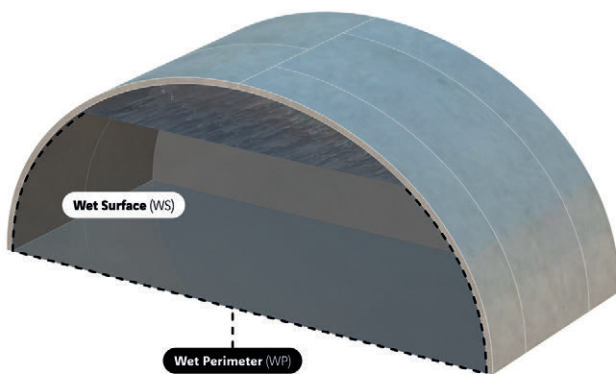


Main dimensions

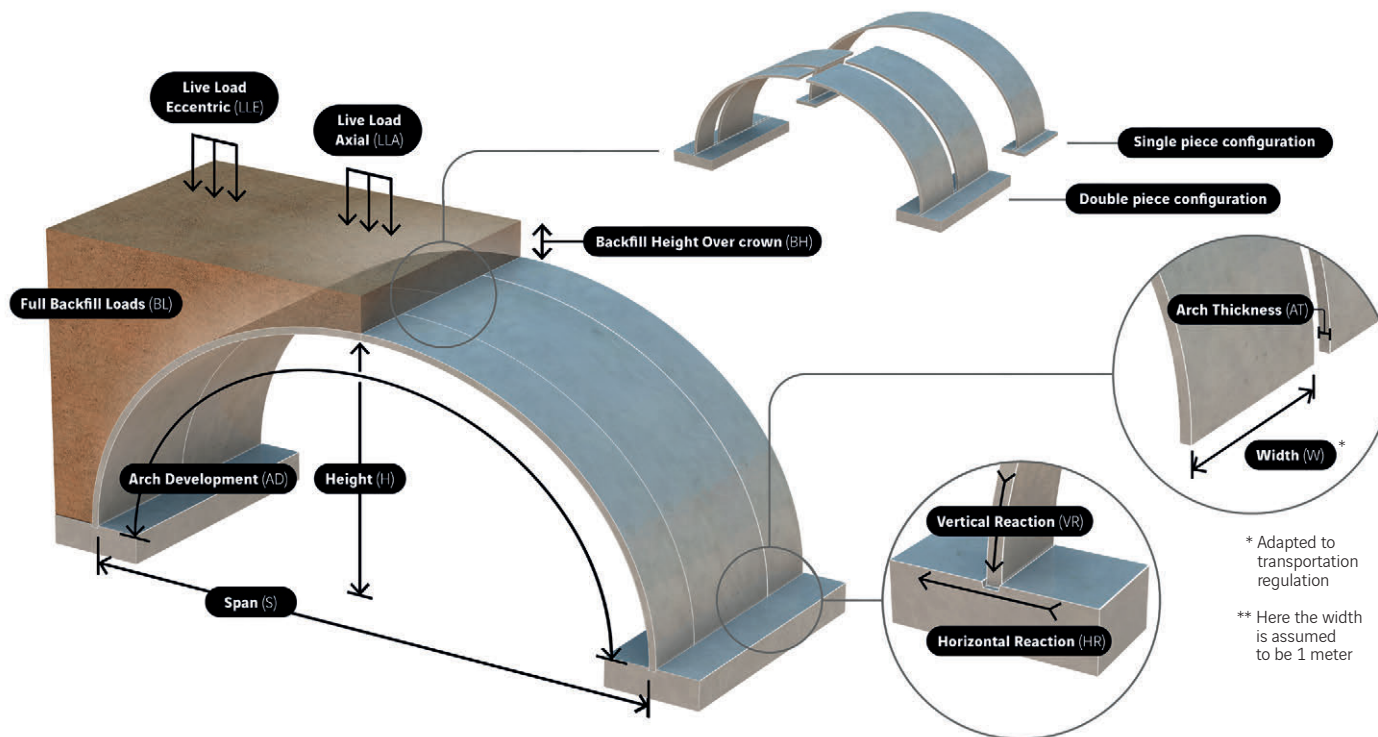
Arch configuration (piece)	Double
Span - S (m)	19,48
Height - H (m)	7,00
Arch Thickness - AT (mm)	400
Arch Development - AD (m)	26,72
Element Weight per unit width (ton/m)	13,36



Hydraulic waterways

Wet surface - WS (m ²)	97,37
Wet perimeter* WP (m)	35,35

* dimensions given for 1 meter freeboard



* 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_2000/E reactions (kN/m)	Arch SW*	81	145	81	145	81	145	81	145	81	145
	BL	116	642	201	870	287	1100	372	1331	459	1563
	LLA	208	814	294	1048	378	1277	460	1501	540	1722
	LLE	241	916	317	1127	393	1339	469	1551	546	1764
	SH**	23	729	60	936	171	1168	357	1425	617	1708
	SV**	120	773	245	1034	366	1306	481	1589	592	1882

* 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