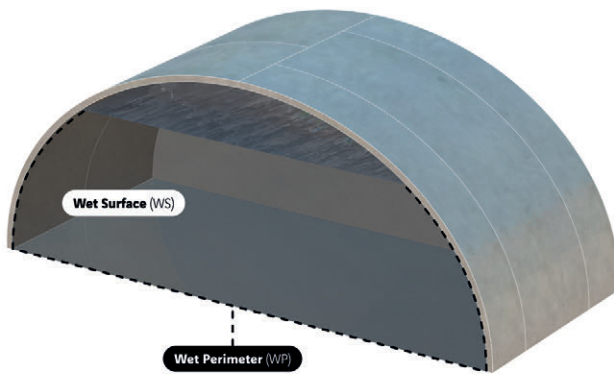


Main dimensions

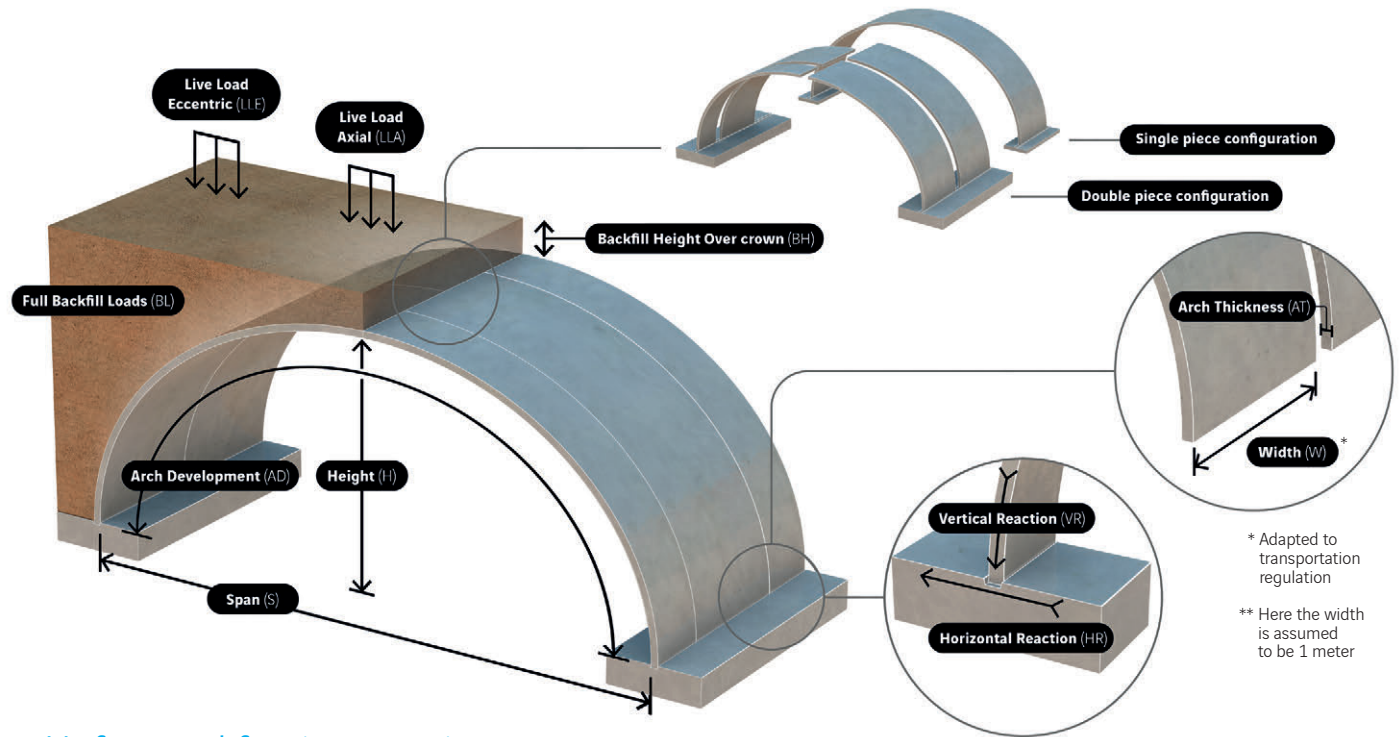
Arch configuration (piece)	Double
Span - S (m)	14,00
Height - H (m)	6,25
Arch Thickness - AT (mm)	300
Arch Development - AD (m)	21,56
Element Weight per unit width (ton/m)	8,09



Hydraulic waterways

Wet surface - WS (m ²)	64,62
Wet perimeter* WP (m)	26,501

* 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_1400/G reactions (kN/m)	Arch SW*	34	72	34	72	34	72	34	72	34	72
	BL	5	398	31	558	58	719	84	881	110	1045
	LLA	38	541	64	701	90	858	114	1013	138	1164
	LLE	59	651	79	789	99	929	120	1070	141	1211
	SH**	-52	488	-27	655	-3	820	21	983	43	1143
	SV**	-4	514	27	705	57	894	86	1080	115	1265

* 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