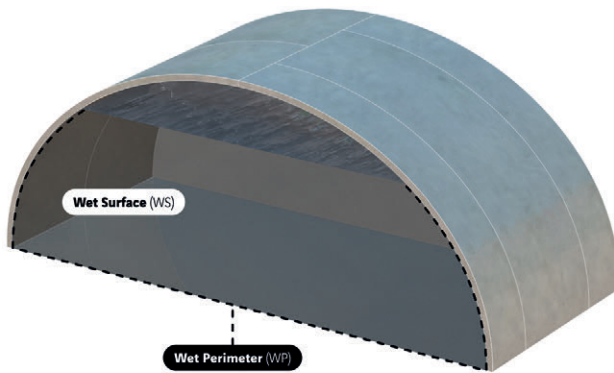


Main dimensions

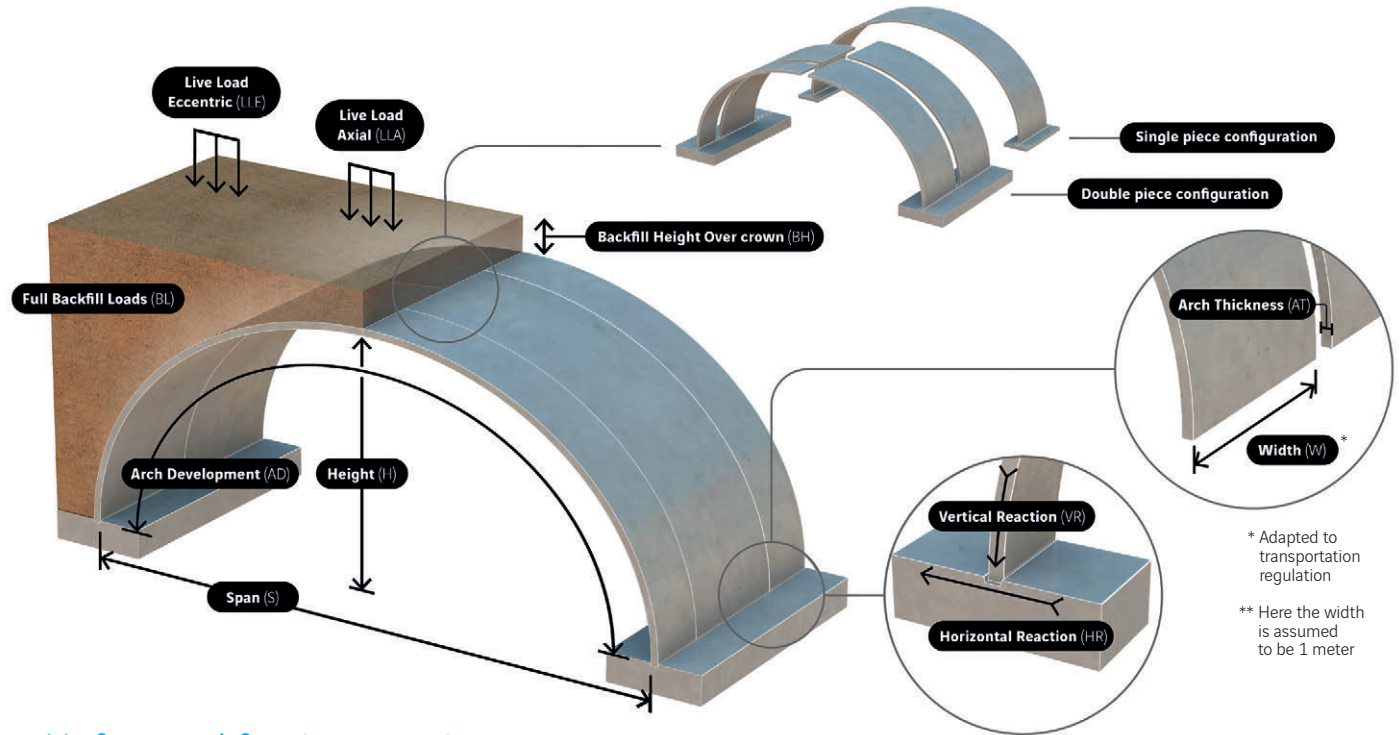
Arch configuration (piece)	Double
Span - S (m)	19,95
Height - H (m)	8,50
Arch Thickness - AT (mm)	400
Arch Development - AD (m)	29,76
Element Weight per unit width (ton/m)	14,88



Hydraulic waterways

Wet surface - WS (m ²)	127,01
Wet perimeter* WP (m)	38,86

* 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/H reactions (kN/m)	Arch SW*	69	165	69	165	69	165	69	165	69	165
	BL	16	706	62	934	109	1165	157	1400	205	1638
	LLA	60	847	108	1086	156	1322	202	1555	248	1785
	LLE	92	994	132	1205	173	1419	215	1637	258	1857
	SH**	-67	873	-17	1119	21	1357	49	1589	65	1813
	SV**	12	906	61	1175	111	1444	162	1715	213	1987

* 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