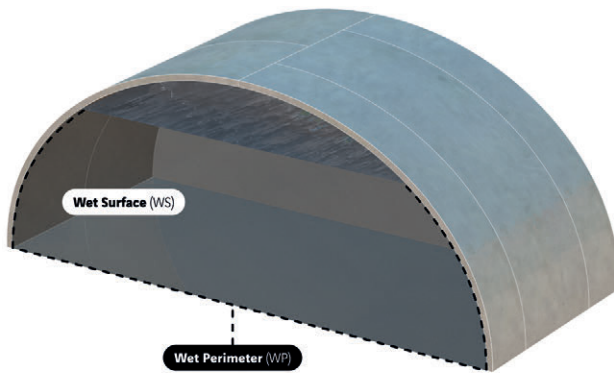


Main dimensions

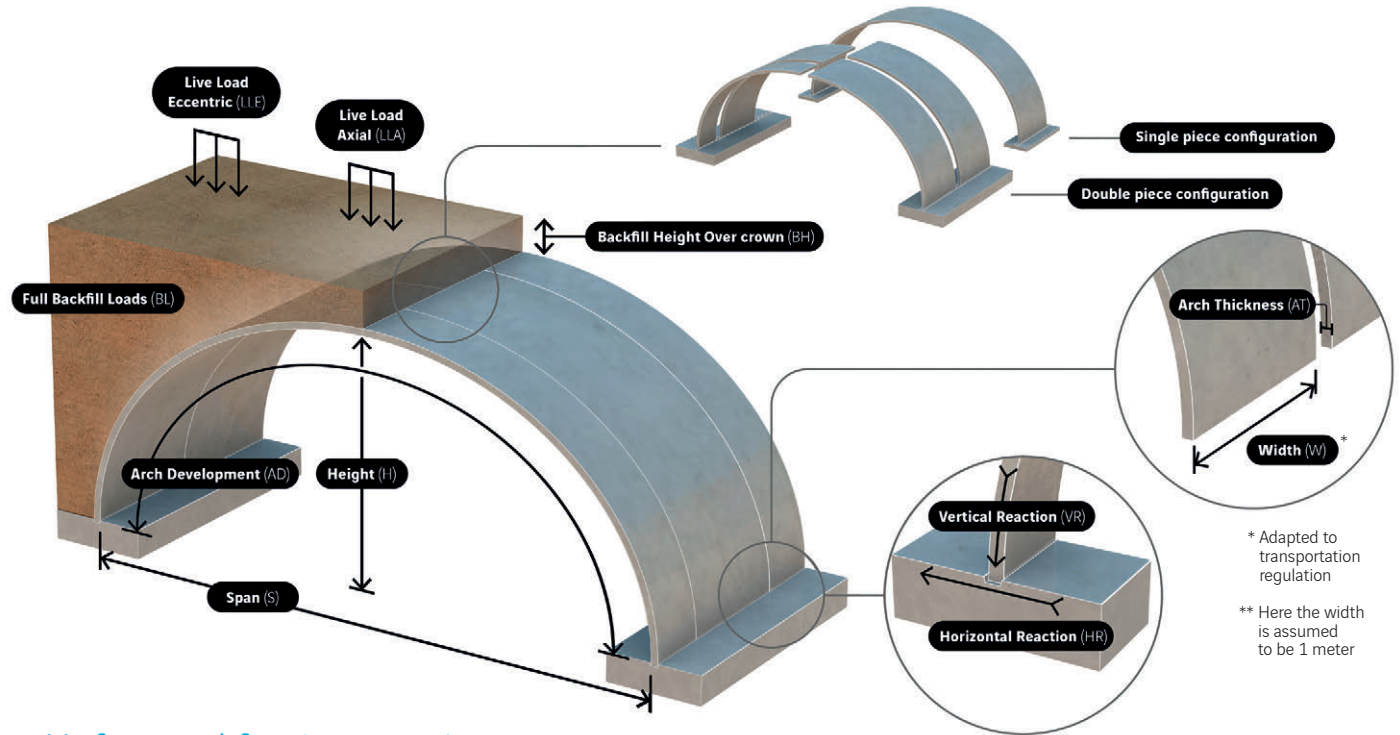
Arch configuration (piece)	Double
Span - S (m)	20,22
Height - H (m)	6,00
Arch Thickness - AT (mm)	450
Arch Development - AD (m)	25,73
Element Weight per unit width (ton/m)	14,47



Hydraulic waterways

Wet surface - WS (m ²)	82,79
Wet perimeter* WP (m)	34,6

* 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_2200/B reactions (kN/m)	Arch SW*	107	154	107	154	107	154	107	154	107	154
	BL	268	686	403	924	536	1161	669	1396	800	1629
	LLA	418	873	548	1105	677	1334	804	1559	930	1780
	LLE	449	969	563	1177	678	1388	795	1602	914	1819
	SH**	160	724	452	975	701	1241	906	1523	1067	1820
	SV**	281	808	484	1088	674	1372	849	1660	1010	1951

* 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