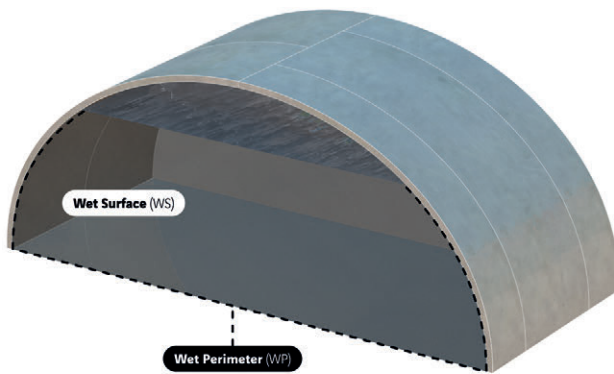


Main dimensions

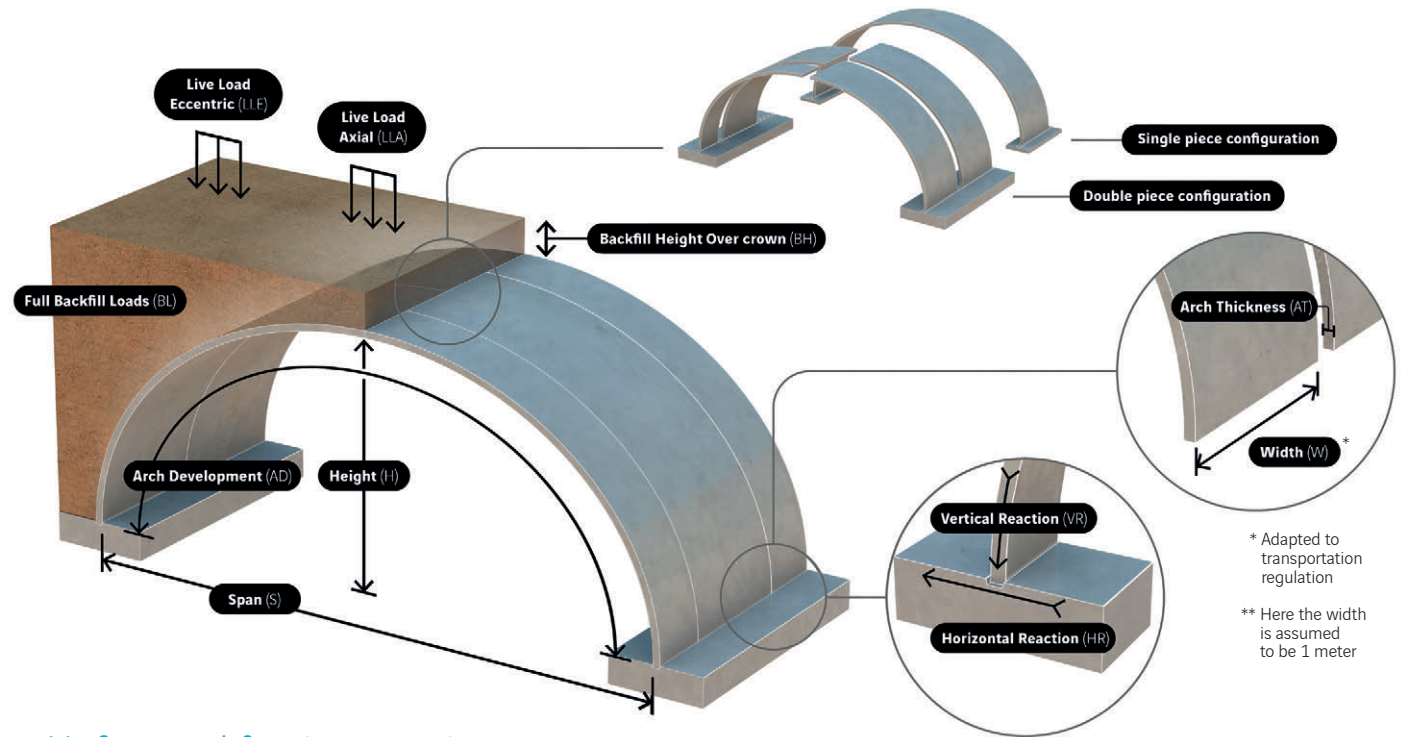
Arch configuration (piece)	Double
Span - S (m)	19,75
Height - H (m)	5,50
Arch Thickness - AT (mm)	450
Arch Development - AD (m)	24,63
Element Weight per unit width (ton/m)	13,85



Hydraulic waterways

Wet surface - WS (m ²)	72,79
Wet perimeter* WP (m)	33,03

* 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/A reactions (kN/m)	Arch SW*	113	149	113	149	113	149	113	149	113	149
	BL	301	653	448	885	595	1116	739	1344	882	1571
	LLA	470	843	611	1069	752	1291	891	1509	1030	1724
	LLE	498	939	621	1140	747	1343	874	1550	1003	1760
	SH**	192	689	518	951	794	1222	1019	1501	1195	1789
	SV**	316	772	542	1045	750	1322	942	1602	1116	1884

* 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