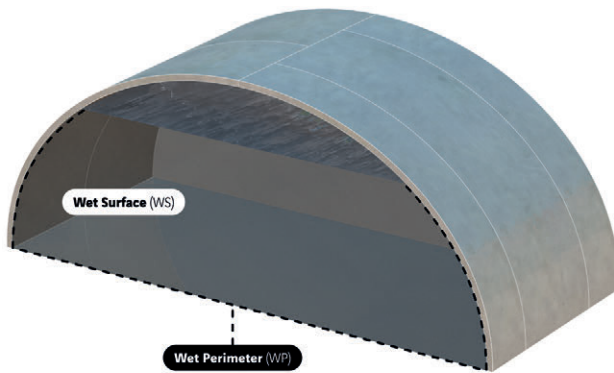


Main dimensions

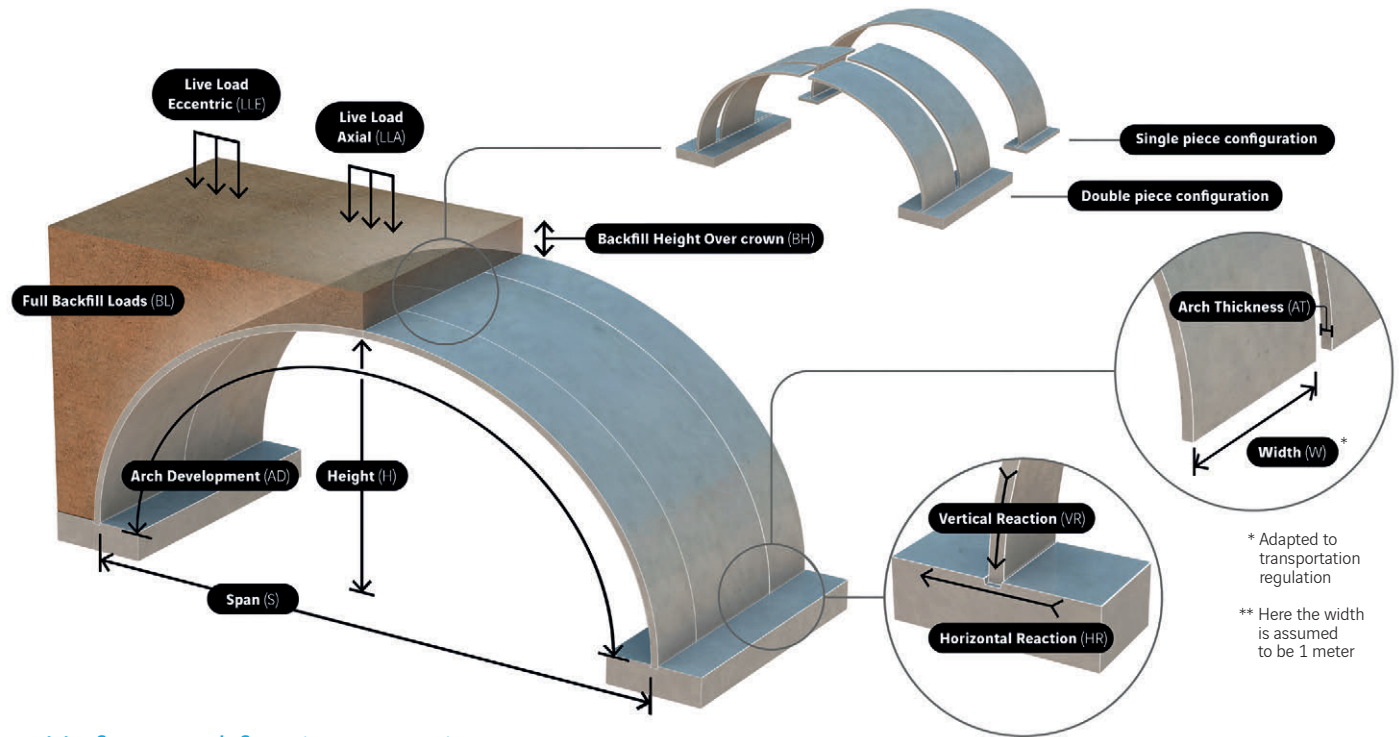
Arch configuration (piece)	Double
Span - S (m)	21,52
Height - H (m)	8,00
Arch Thickness - AT (mm)	450
Arch Development - AD (m)	29,93
Element Weight per unit width (ton/m)	16,84



Hydraulic waterways

Wet surface - WS (m ²)	124,66
Wet perimeter* WP (m)	40,11

* 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/F reactions (kN/m)	Arch SW*	97	181	97	181	97	181	97	181	97	181
	BL	136	807	223	1059	311	1313	400	1570	491	1830
	LLA	221	965	309	1220	396	1474	483	1727	569	1979
	LLE	260	1097	338	1330	417	1566	497	1803	579	2043
	SH**	15	925	71	1175	171	1426	314	1678	501	1932
	SV**	137	981	233	1271	331	1563	430	1858	531	2157

* Arch SW stands for arch self weight

** SH and SV stand for horizontal/vertical seismic inertial loads. Live loads excluded. Live loads excluded

Contact us to confirm compliance with local requirements