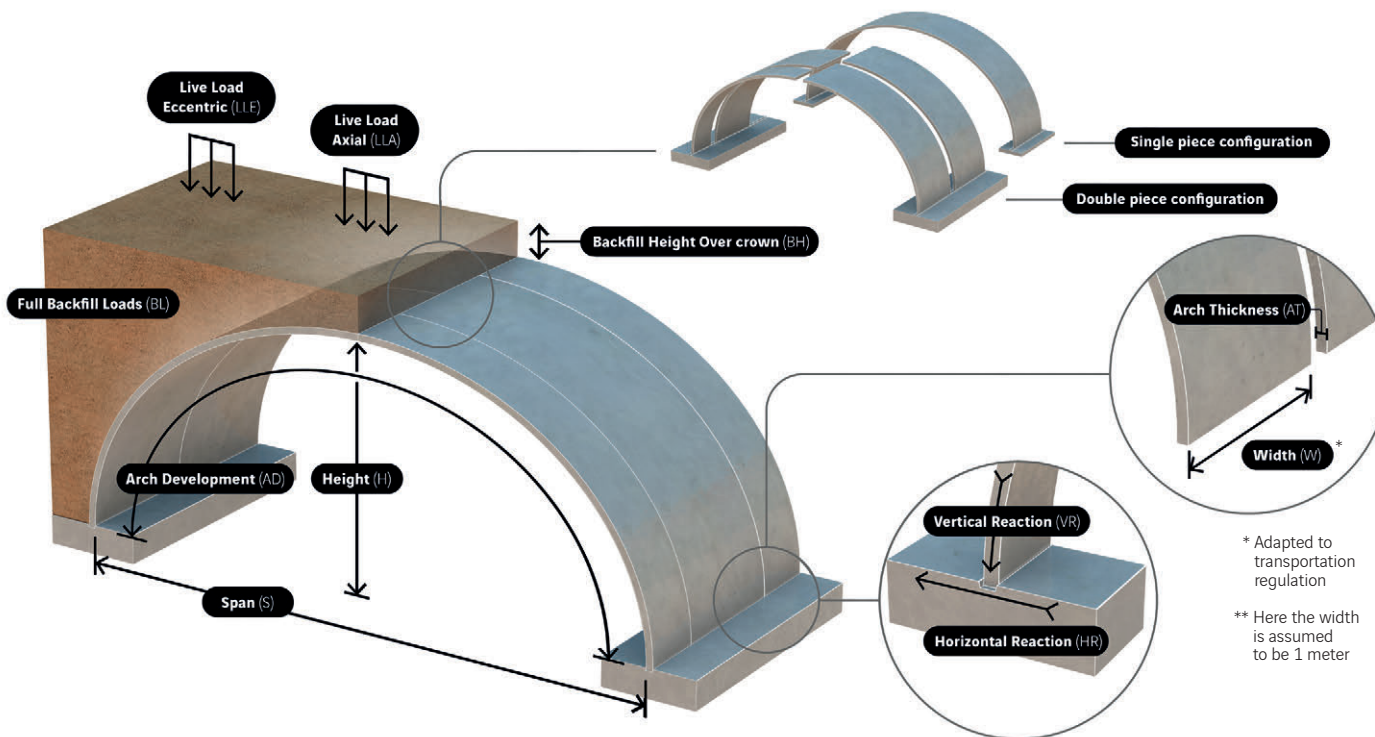
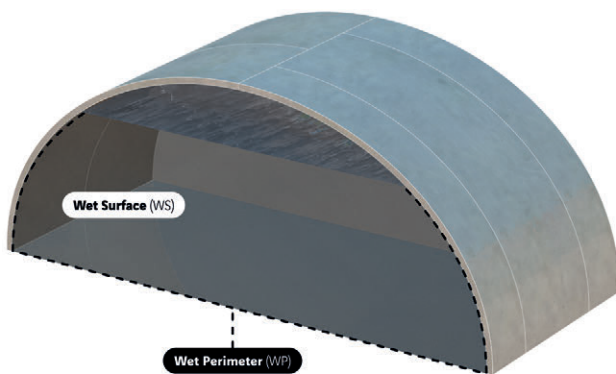


## Main dimensions

Arch configuration (piece)	Double
Span - S (m)	19,21
Height - H (m)	6,50
Arch Thickness - AT (mm)	400
Arch Development - AD (m)	25,68
Element Weight per unit width (ton/m)	12,84



\* Adapted to transportation regulation  
 \*\* Here the width is assumed to be 1 meter

## Unfactored footing reactions

## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	87,69
Wet perimeter* WP (m)	34,04

\* dimensions given for 1 meter freeboard

		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/D reactions (kN/m)	Arch SW*	79	138	79	138	79	138	79	138	79	138
	BL	159	633	256	859	354	1086	453	1314	552	1543
	LLA	265	808	360	1033	455	1255	549	1476	642	1695
	LLE	296	890	379	1091	464	1296	551	1504	640	1715
	SH**	49	676	254	885	435	1124	593	1393	726	1691
	SV**	198	744	321	1017	446	1293	573	1573	701	1855

\* 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**