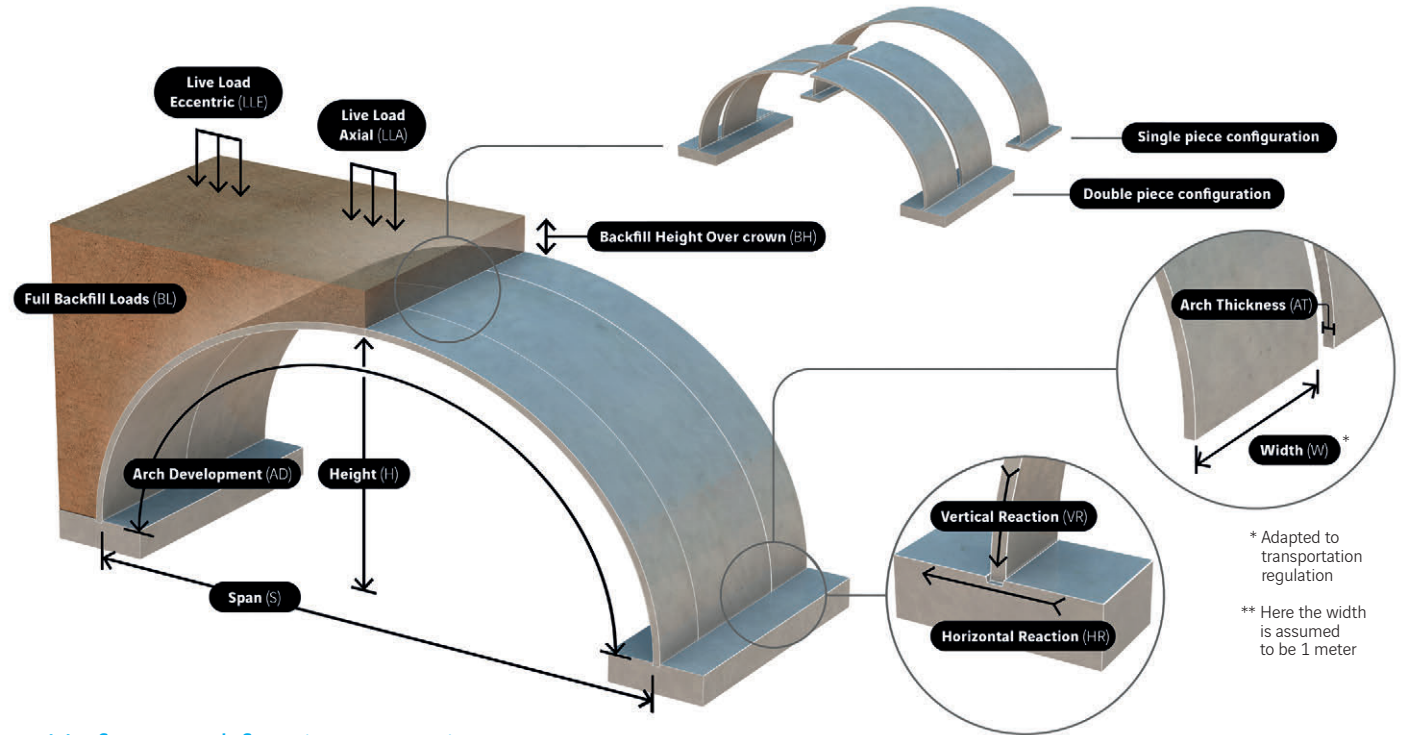
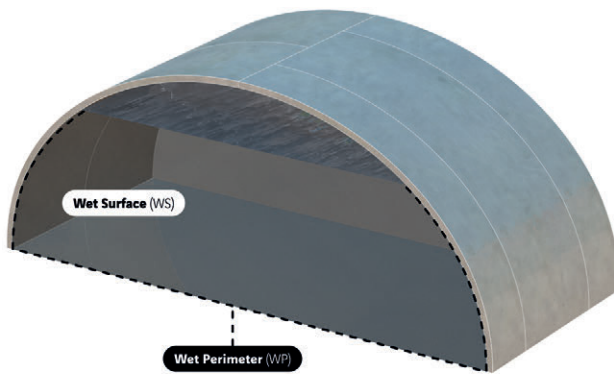


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	15,52
Height - H (m)	5,25
Arch Thickness - AT (mm)	350
Arch Development - AD (m)	20,91
Element Weight per unit width (ton/m)	9,15



* 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_1600/C reactions (kN/m)	Arch SW*	54	98	54	98	54	98	54	98	54	98
	BL	112	445	188	624	265	804	342	985	419	1167
	LLA	212	612	286	787	358	961	429	1133	498	1303
	LLE	241	690	301	840	363	995	427	1155	494	1321
	SH**	44	462	213	663	359	874	481	1095	579	1325
	SV**	143	527	241	745	339	965	437	1187	536	1411

Hydraulic waterways

Wet surface - WS (m ²)	56,25
Wet perimeter* WP (m)	26,47

* dimensions given for 1 meter freeboard

* 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