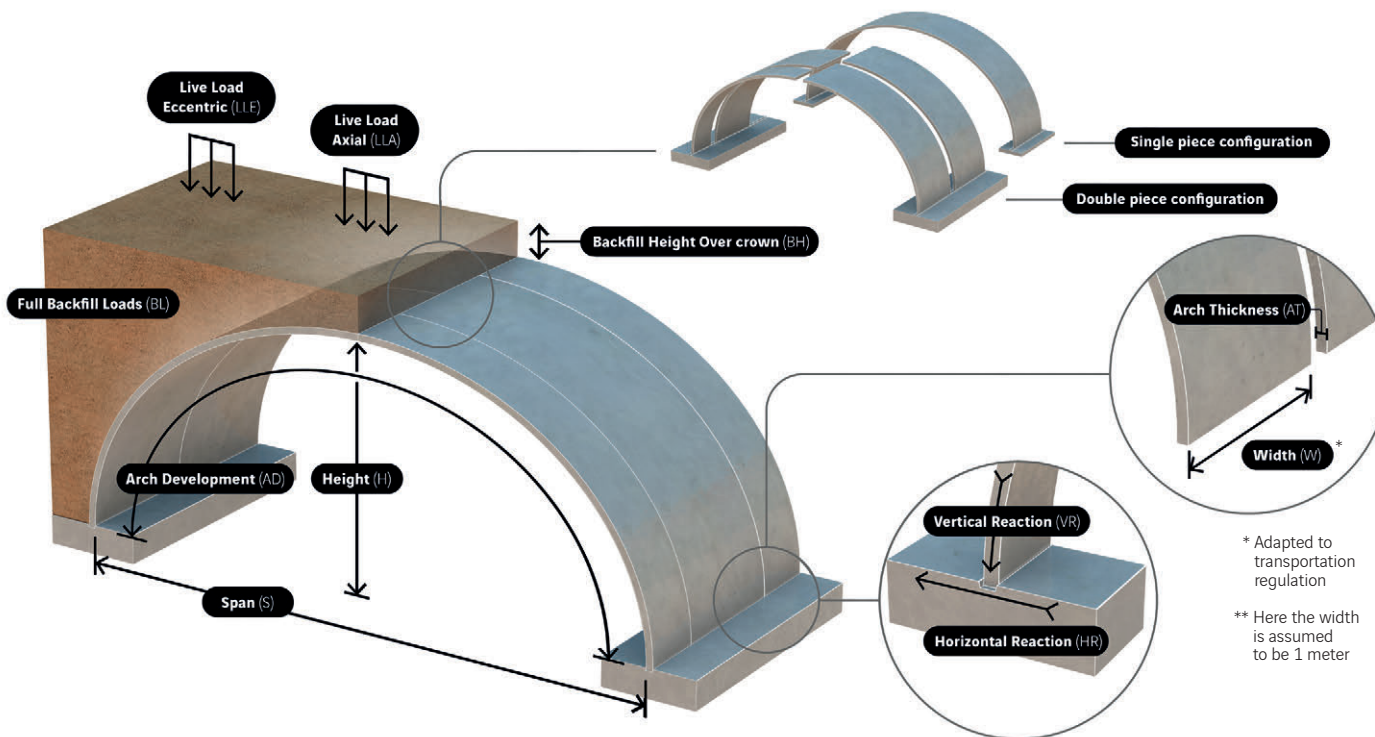
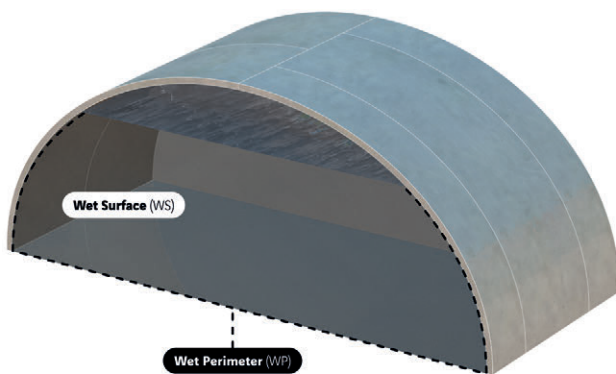


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	15,90
Height - H (m)	6,25
Arch Thickness - AT (mm)	350
Arch Development - AD (m)	22,95
Element Weight per unit width (ton/m)	10,04



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

Unfactored footing reactions

Hydraulic waterways

Wet surface - WS (m ²)	71,96
Wet perimeter* WP (m)	28,89

* 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_1600/E reactions (kN/m)	Arch SW*	54	116	54	116	54	116	54	116	54	116
	BL	52	469	102	652	152	835	202	1019	252	1204
	LLA	114	630	164	816	213	998	259	1174	304	1346
	LLE	141	743	182	904	223	1066	265	1229	307	1393
	SH**	-6	545	16	724	86	915	205	1116	372	1329
	SV**	53	593	102	805	166	1018	244	1232	337	1447

* 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