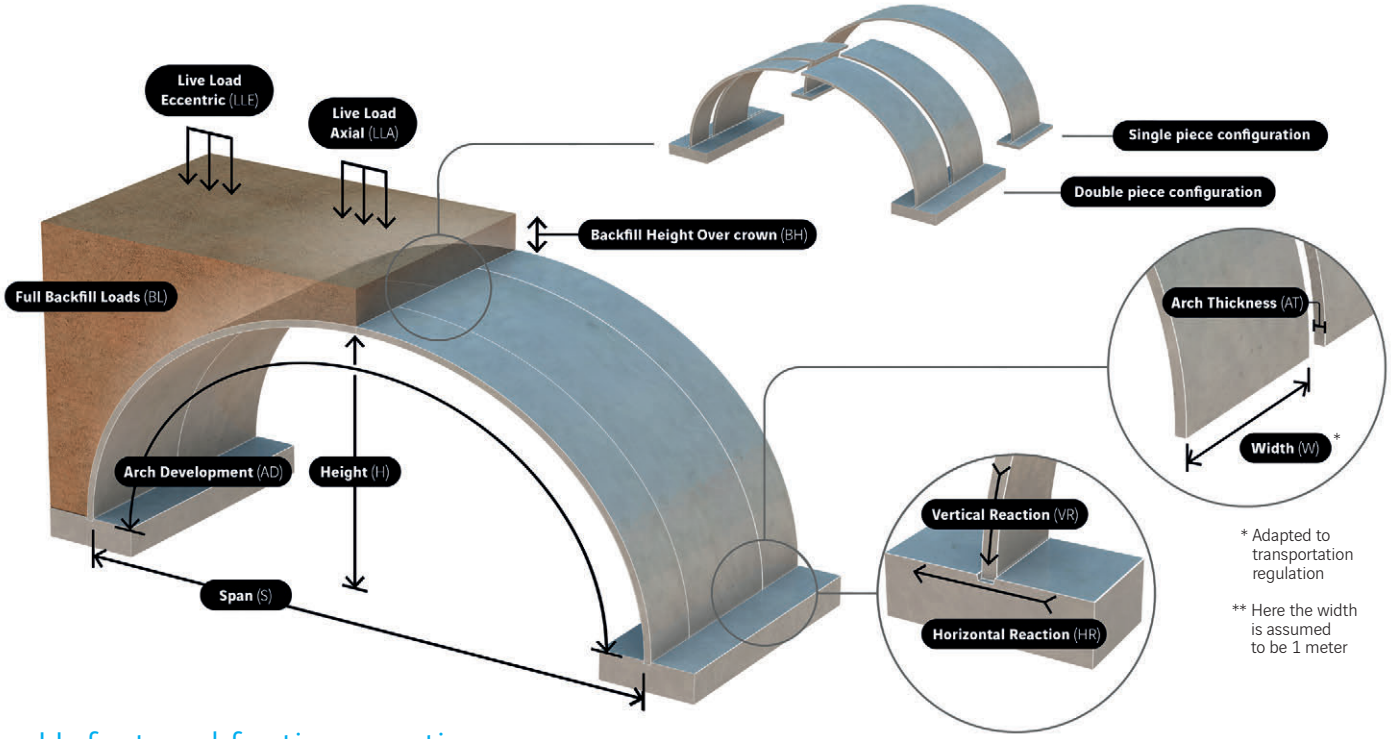
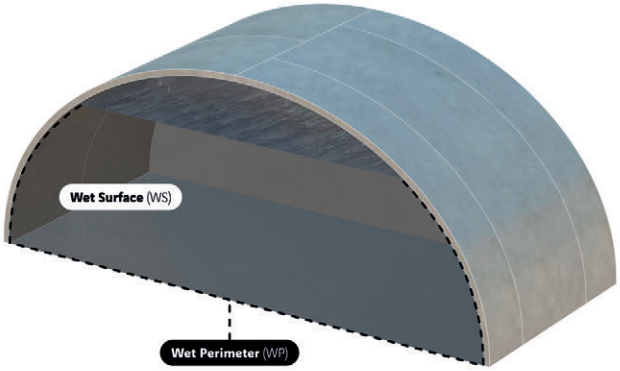
Main dimensions

Arch configuration (piece)	Double
Span - S (m)	18,00
Height - H (m)	8,25
Arch Thickness - AT (mm)	375
Arch Development - AD (m)	28,11
Element Weight per unit width (ton/m)	13,18





Hydraulic waterways

Wet surface - WS (m^2)	113,49
Wet perimeter* WP (m)	35,72

* dimensions given for 1 meter freeboard

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_1800/I reactions (kN/m)	Arch SW*	56	151	56	151	56	151	56	151	56	151
	BL	-24	610	1	813	27	1021	54	1232	81	1446
	LLA	3	738	29	952	55	1163	81	1370	106	1574
	LLE	25	876	47	1066	68	1257	91	1451	114	1647
	SH**	-113	767	-81	991	-56	1211	-40	1428	-32	1641
	SV**	-41	789	-9	1034	20	1279	47	1525	72	1772

* 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