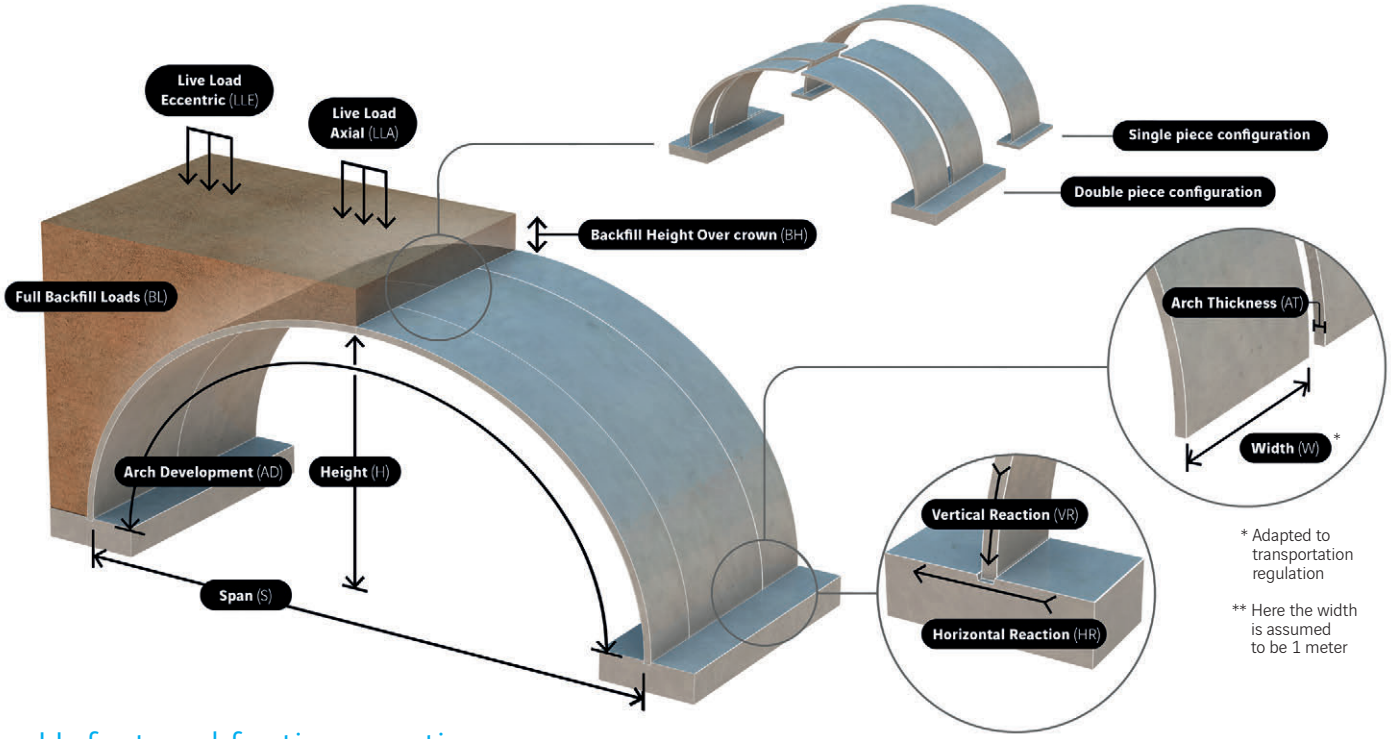
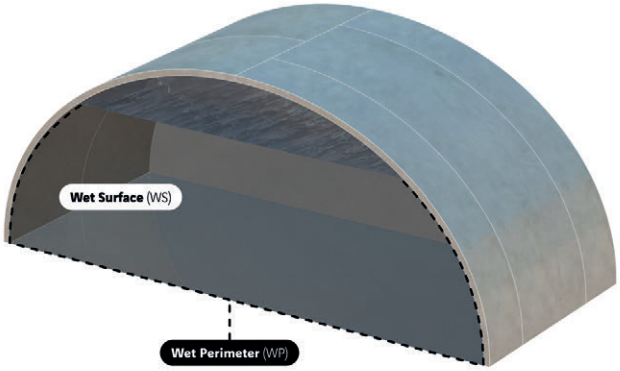
Main dimensions

Arch configuration (piece)	Double
Span - S (m)	18,49
Height - H (m)	5,50
Arch Thickness - AT (mm)	400
Arch Development - AD (m)	23,56
Element Weight per unit width (ton/m)	11,78





Hydraulic waterways

Wet surface - WS (m^2)	68,82
Wet perimeter* WP (m)	31,19

* 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_2000/B reactions (kN/m)	Arch SW*	85	124	85	124	85	124	85	124	85	124
	BL	218	573	340	786	460	999	580	1212	698	1424
	LLA	362	757	479	966	594	1173	708	1376	820	1577
	LLE	383	822	486	1011	591	1204	697	1398	805	1595
	SH**	220	603	407	832	586	1075	757	1333	921	1604
	SV**	273	679	426	937	578	1195	728	1453	876	1711

* 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