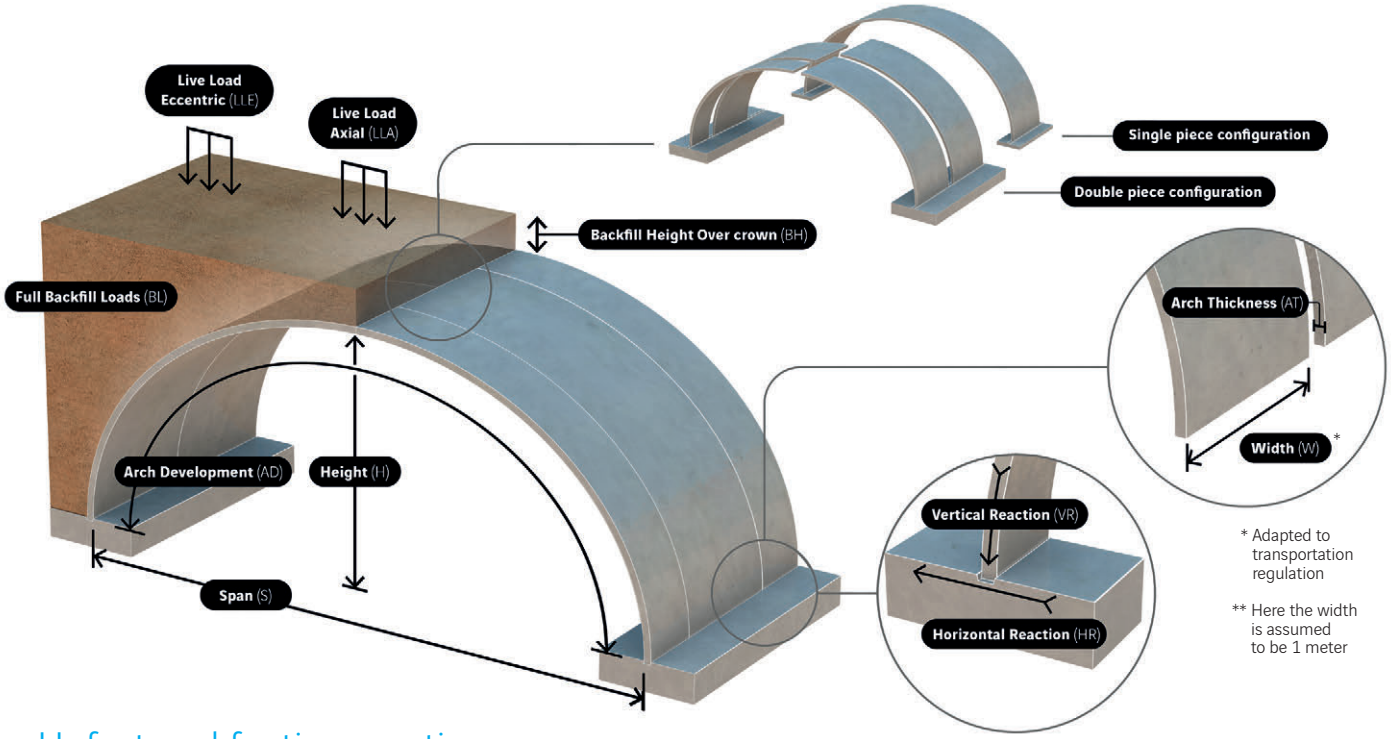
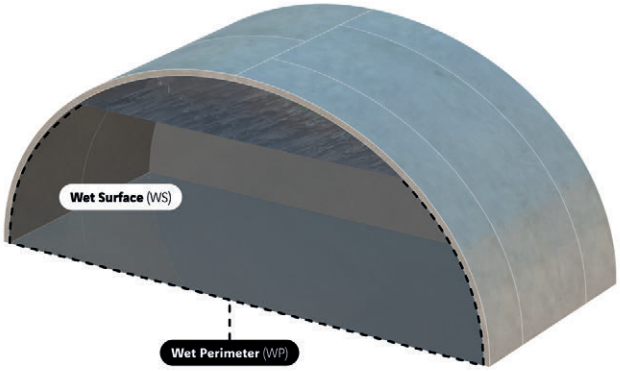
Main dimensions

Arch configuration (piece)	Single
Span - S (m)	8,38
Height - H (m)	2,50
Arch Thickness - AT (mm)	225
Arch Development - AD (m)	10,74
Element Weight per unit width (ton/m)	6,04





Hydraulic waterways

Wet surface - WS (m^2)	11,20
Wet perimeter* WP (m)	12,15

* 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_900/B reactions (kN/m)	Arch SW*	23	32	23	32	23	32	23	32	23	32
	BL	89	176	150	272	209	367	269	463	327	559
	LLA	232	343	276	419	318	494	358	569	395	644
	LLE	198	297	248	393	300	486	354	577	410	666
	SH**	122	196	210	317	296	437	380	554	462	670
	SV**	110	213	189	333	266	451	342	569	416	685

* 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