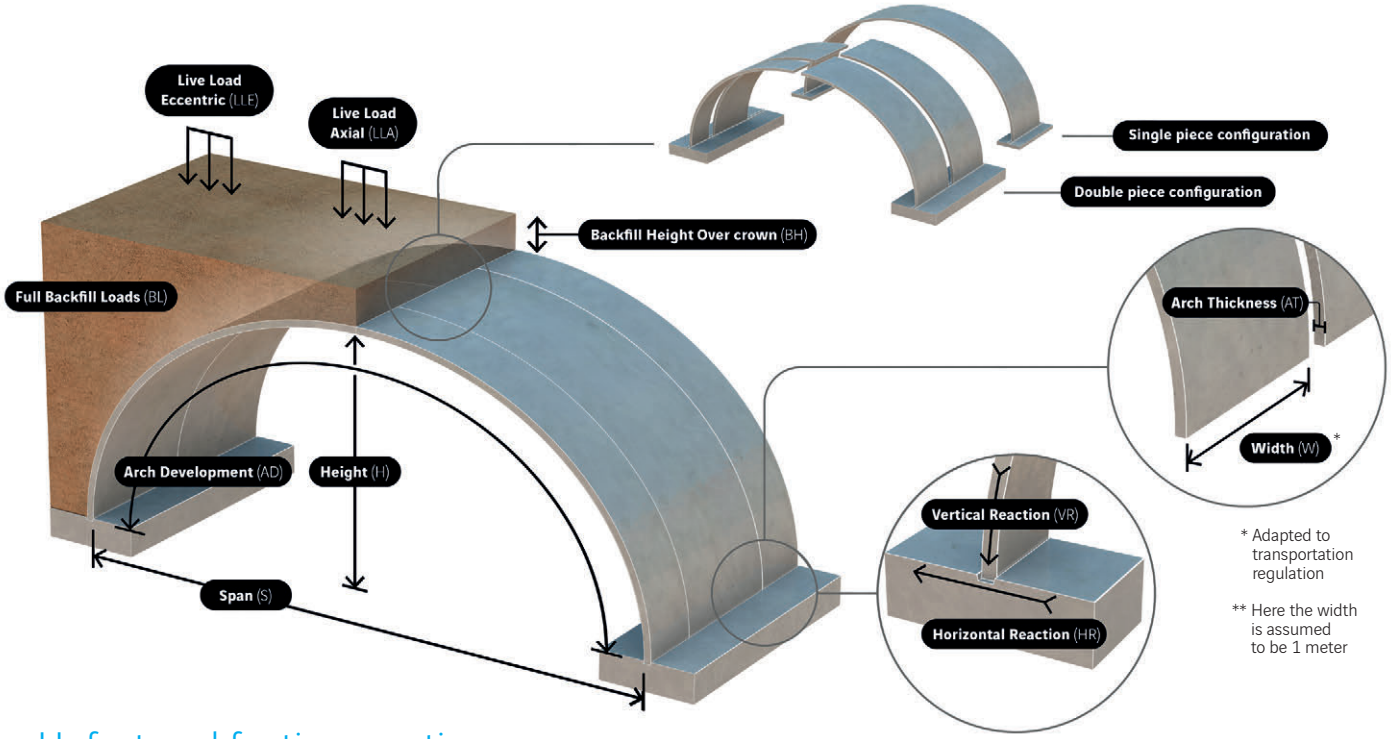
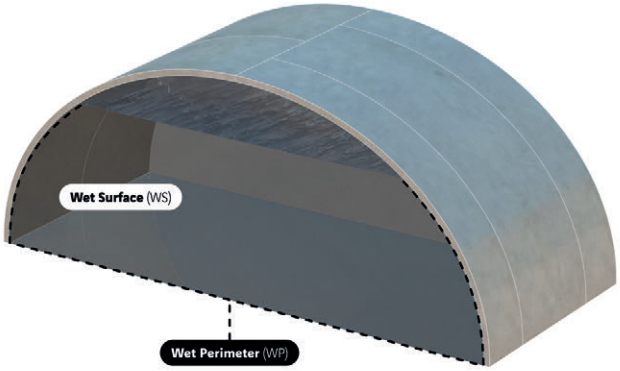
Main dimensions

Arch configuration (piece)	Double
Span - S (m)	13,95
Height - H (m)	5,75
Arch Thickness - AT (mm)	300
Arch Development - AD (m)	20,56
Element Weight per unit width (ton/m)	7,71



* Adapted to transportation regulation

** Here the width is assumed to be 1 meter



Hydraulic waterways

Wet surface - WS (m^2)	57,63
Wet perimeter* WP (m)	25,45

* 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_1400/F reactions (kN/m)	Arch SW*	36	74	36	74	36	74	36	74	36	74
	BL	30	386	67	545	105	706	144	869	182	1032
	LLA	80	540	117	699	153	853	188	1005	222	1154
	LLE	104	632	133	769	162	908	193	1048	224	1188
	SH**	-20	445	16	609	91	780	138	957	183	1133
	SV**	33	483	80	672	126	864	172	1055	218	1246

* 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