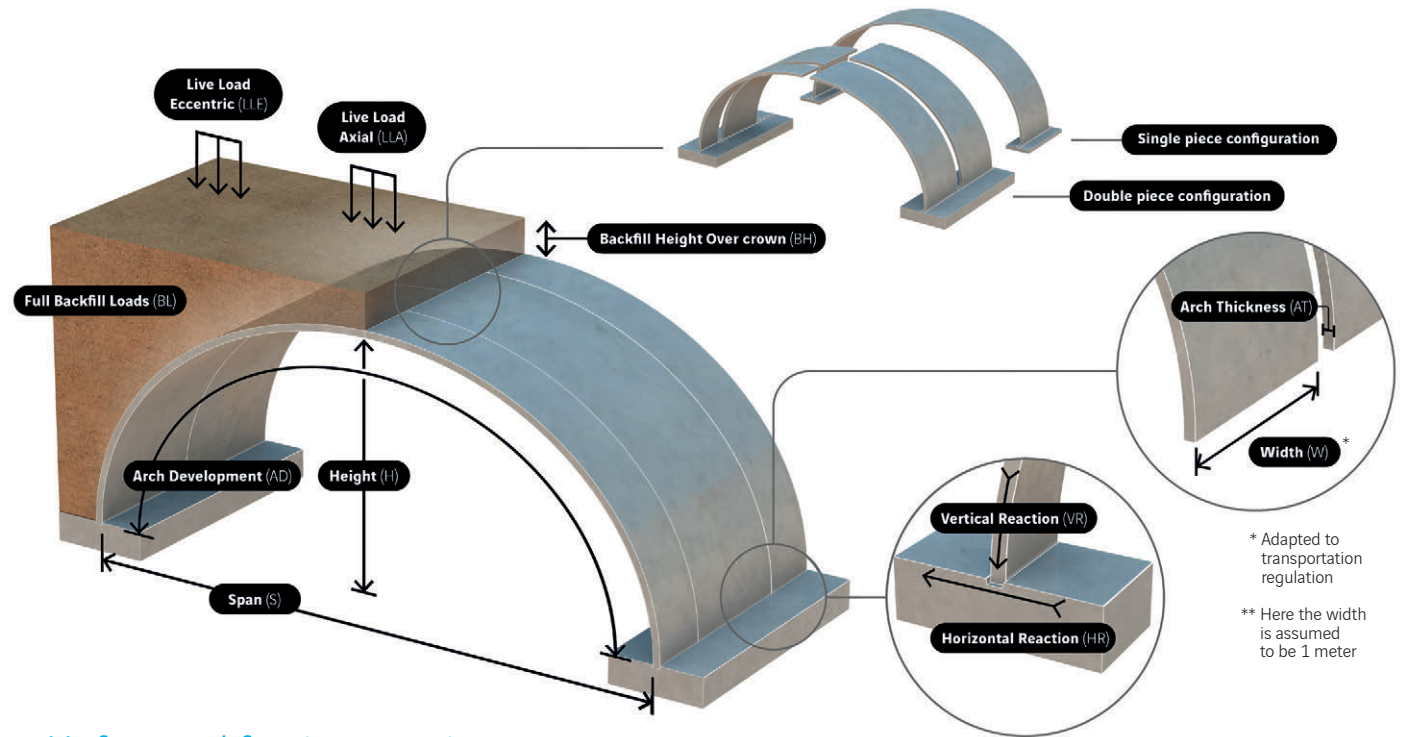
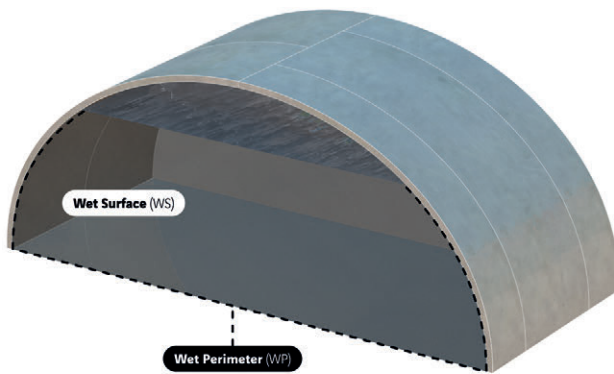


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	17,93
Height - H (m)	7,25
Arch Thickness - AT (mm)	375
Arch Development - AD (m)	26,11
Element Weight per unit width (ton/m)	12,24



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

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/G reactions (kN/m)	Arch SW*	64	138	64	138	64	138	64	138	64	138
	BL	43	578	94	784	146	992	198	1203	251	1416
	LLA	99	732	151	942	202	1149	252	1354	301	1555
	LLE	127	873	170	1059	215	1247	260	1437	305	1630
	SH**	-50	702	-3	910	54	1122	119	1337	193	1555
	SV**	33	748	92	989	153	1230	217	1473	283	1716

* Arch SW stands for arch self weight
 ** SH and SV stand for horizontal/vertical seismic inertial loads. Live loads excluded

Hydraulic waterways

Wet surface - WS (m ²)	95,50
Wet perimeter* WP (m)	33,64

* dimensions given for 1 meter freeboard

Contact us to confirm compliance with local requirements