

Main dimensions

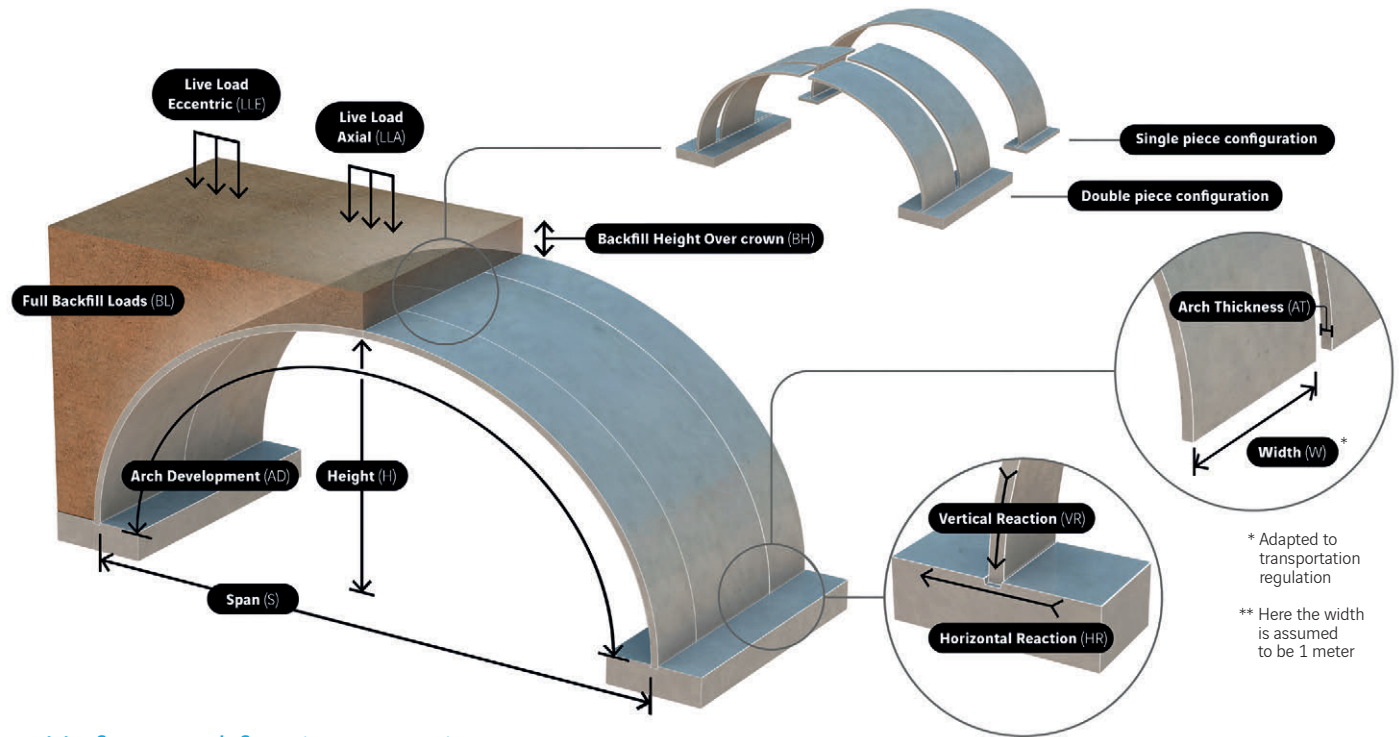
Arch configuration (piece)	Double
Span - S (m)	12,00
Height - H (m)	6,00
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	19,67
Element Weight per unit width (ton/m)	6,15



Hydraulic waterways

Wet surface - WS (m ²)	53,82
Wet perimeter* WP (m)	23,52

* dimensions given for 1 meter freeboard



* 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_1200/G reactions (kN/m)	Arch SW*	22	69	22	69	22	69	22	69	22	69
	BL	-30	325	-20	462	-9	601	1	742	11	883
	LLA	-17	450	-6	587	5	722	15	854	24	983
	LLE	0	560	5	675	12	791	19	909	26	1027
	SH**	-65	410	-70	560	-65	703	-65	840	-62	979
	SV**	-40	422	-29	588	-22	785	-10	915	0	1077

* 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