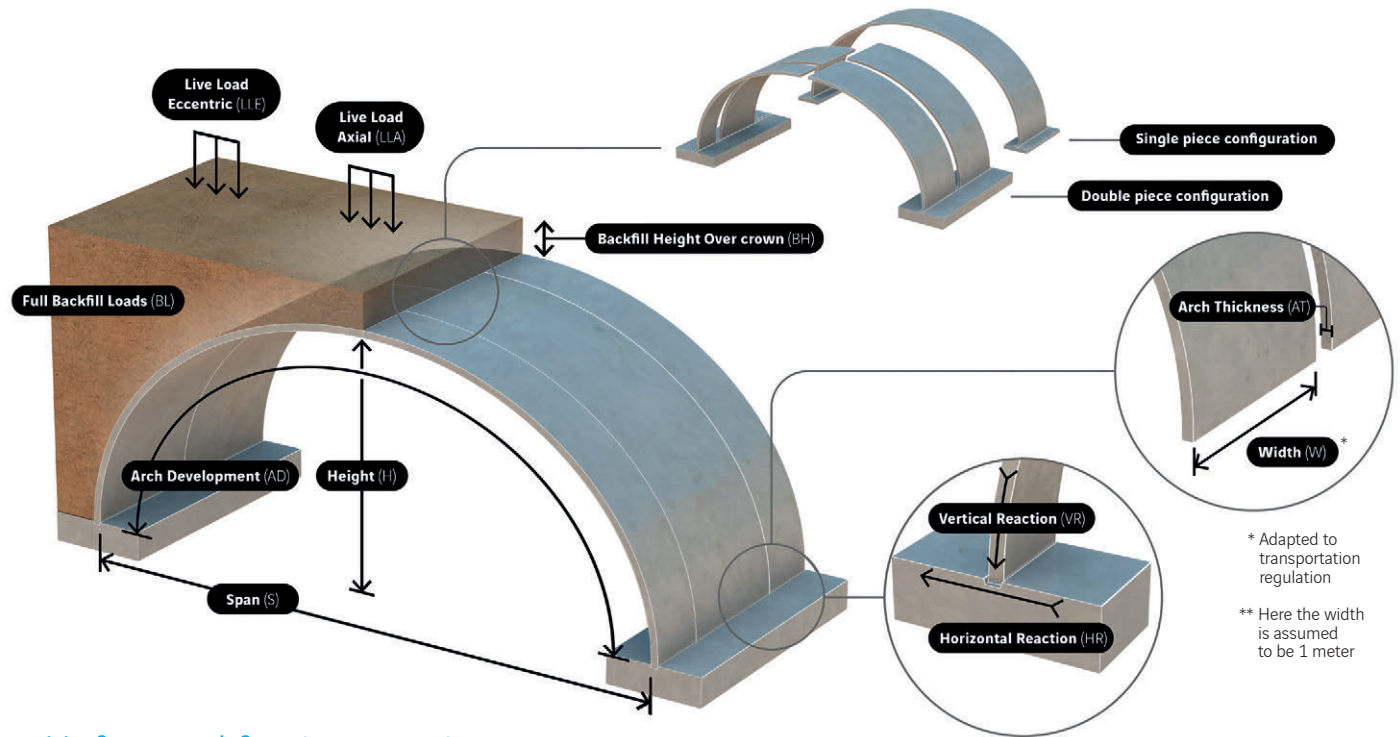


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	8,00
Height - H (m)	3,65
Arch Thickness - AT (mm)	200
Arch Development - AD (m)	12,44
Element Weight per unit width (ton/m)	3,11



* 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_800/D reactions (kN/m)	Arch SW*	13	35	13	35	13	35	13	35	13	35
	BL	2	181	15	277	32	374	49	473	66	571
	LLA	38	322	51	402	63	482	75	565	87	649
	LLE	50	382	56	444	64	512	74	585	85	661
	SH**	32	208	24	303	62	397	93	513	117	625
	SV**	7	228	10	340	29	452	77	568	98	685

Hydraulic waterways

Wet surface - WS (m ²)	19,32
Wet perimeter* WP (m)	13,95

* dimensions given for 1 meter freeboard

* 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