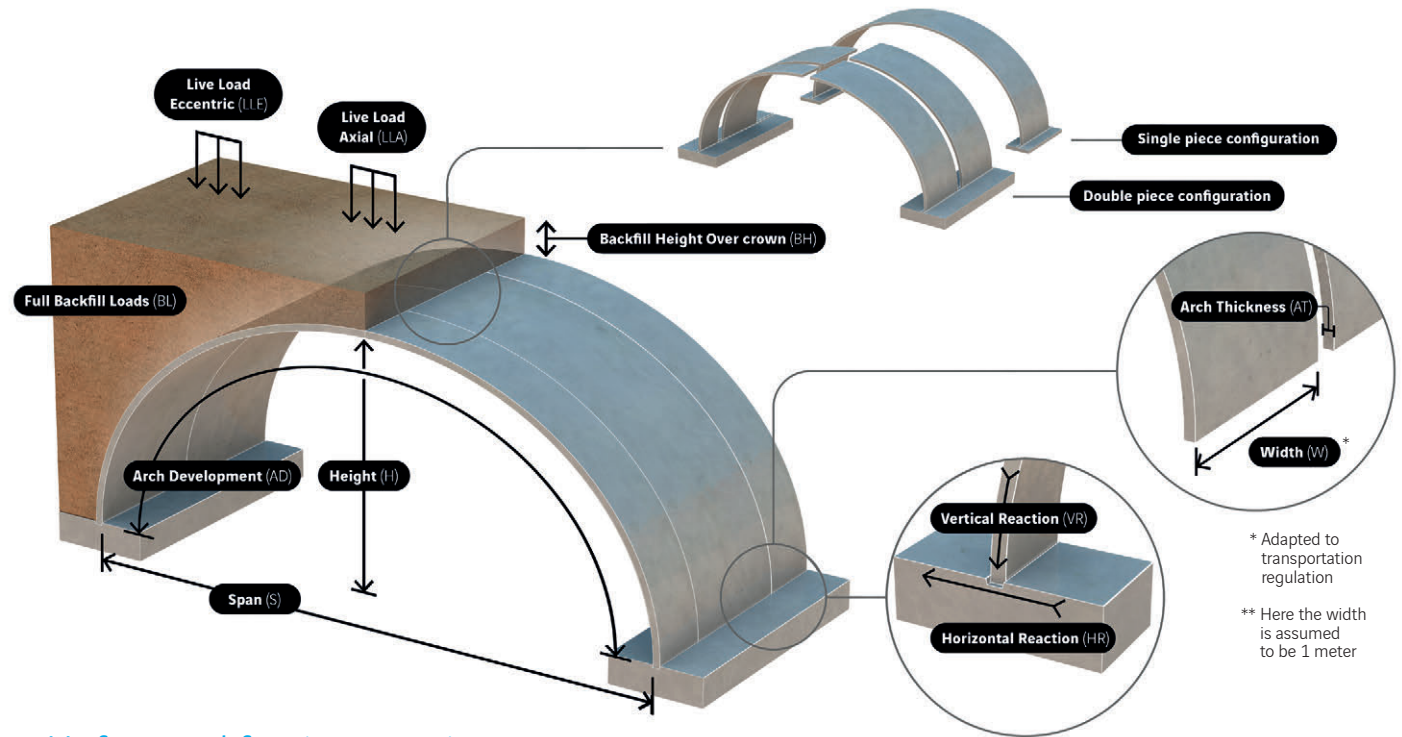


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	7,93
Height - H (m)	3,15
Arch Thickness - AT (mm)	200
Arch Development - AD (m)	11,43
Element Weight per unit width (ton/m)	2,86



* 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/C reactions (kN/m)	Arch SW*	15	31	15	31	15	31	15	31	15	31
	BL	24	170	54	264	84	360	114	456	144	551
	LLA	94	321	116	396	138	472	159	550	181	631
	LLE	107	363	121	422	137	486	155	556	184	635
	SH**	38	179	82	287	126	398	173	516	215	628
	SV**	36	207	75	321	114	436	154	554	192	669

Hydraulic waterways

Wet surface - WS (m ²)	15,33
Wet perimeter* WP (m)	12,88

* 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