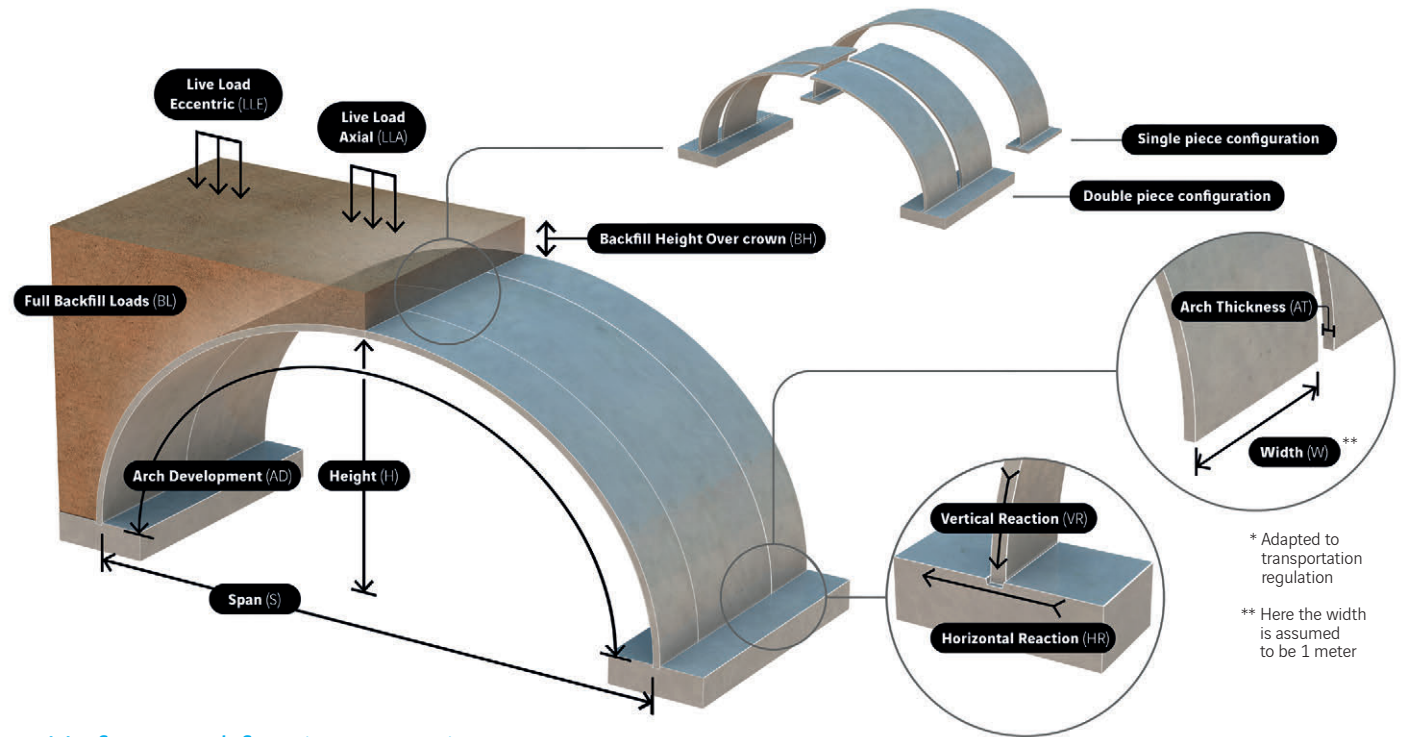


Main dimensions

Arch configuration (piece)	Single
Span - S (m)	7,35
Height - H (m)	2,15
Arch Thickness - AT (mm)	200
Arch Development - AD (m)	9,35
Element Weight per unit width (ton/m)	4,68



* 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/A reactions (kN/m)	Arch SW*	18	24	18	24	18	24	18	24	18	24
	BL	72	140	124	222	177	304	228	386	279	468
	LLA	210	297	245	359	274	415	303	474	336	537
	LLE	194	306	218	347	262	405	308	483	352	559
	SH**	97	161	178	265	252	367	326	469	398	573
	SV**	89	171	157	272	225	375	292	476	357	577

Hydraulic waterways

Wet surface - WS (m ²)	7,63
Wet perimeter* WP (m)	10,21

* 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