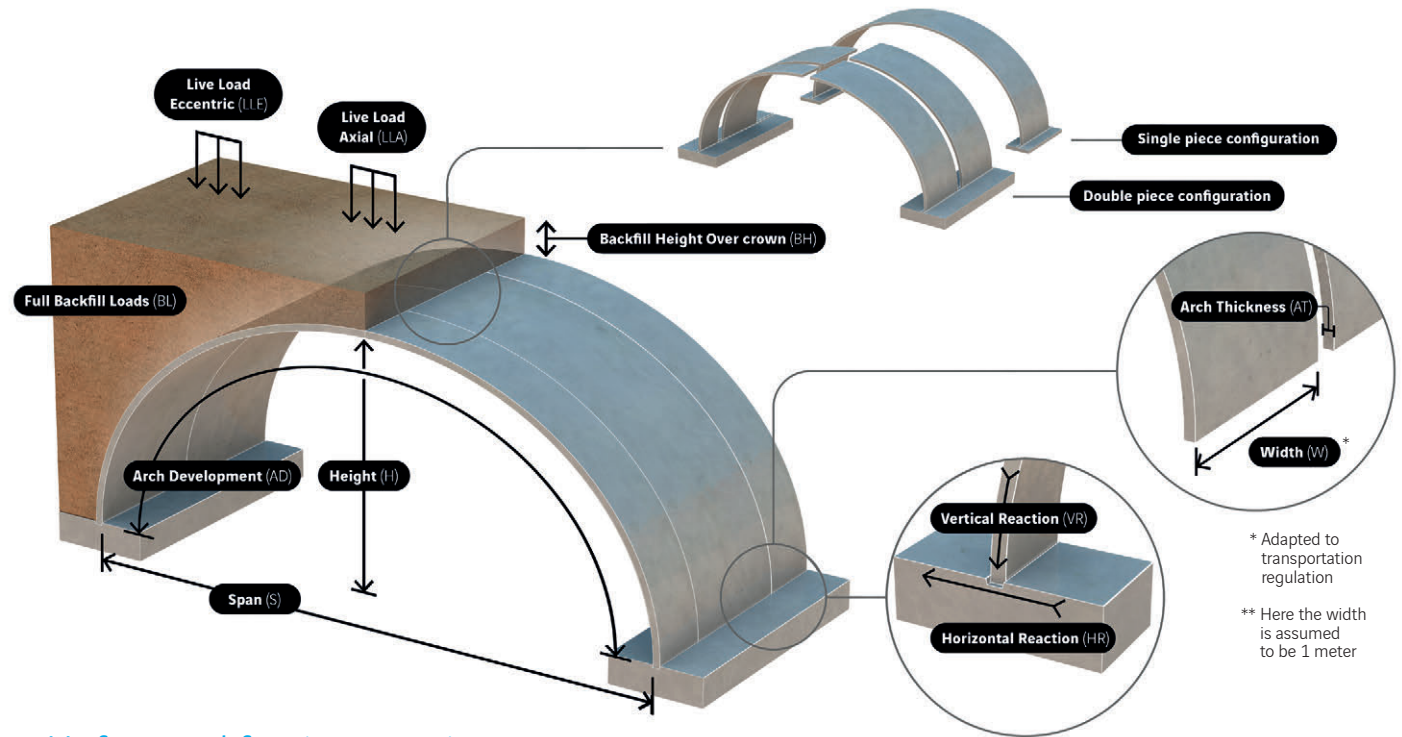


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	9,75
Height - H (m)	3,50
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	13,43
Element Weight per unit width (ton/m)	4,20



* 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_1000/D reactions (kN/m)	Arch SW*	27	50	27	50	27	50	27	50	27	50
	BL	54	239	104	362	154	486	203	610	252	734
	LLA	159	418	200	525	239	631	277	737	315	843
	LLE	164	465	195	552	228	644	263	742	301	845
	SH**	12	257	124	402	220	551	300	704	364	860
	SV**	54	291	132	439	203	589	269	740	330	894

Hydraulic waterways

Wet surface - WS (m ²)	21,40
Wet perimeter* WP (m)	15,79

* 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