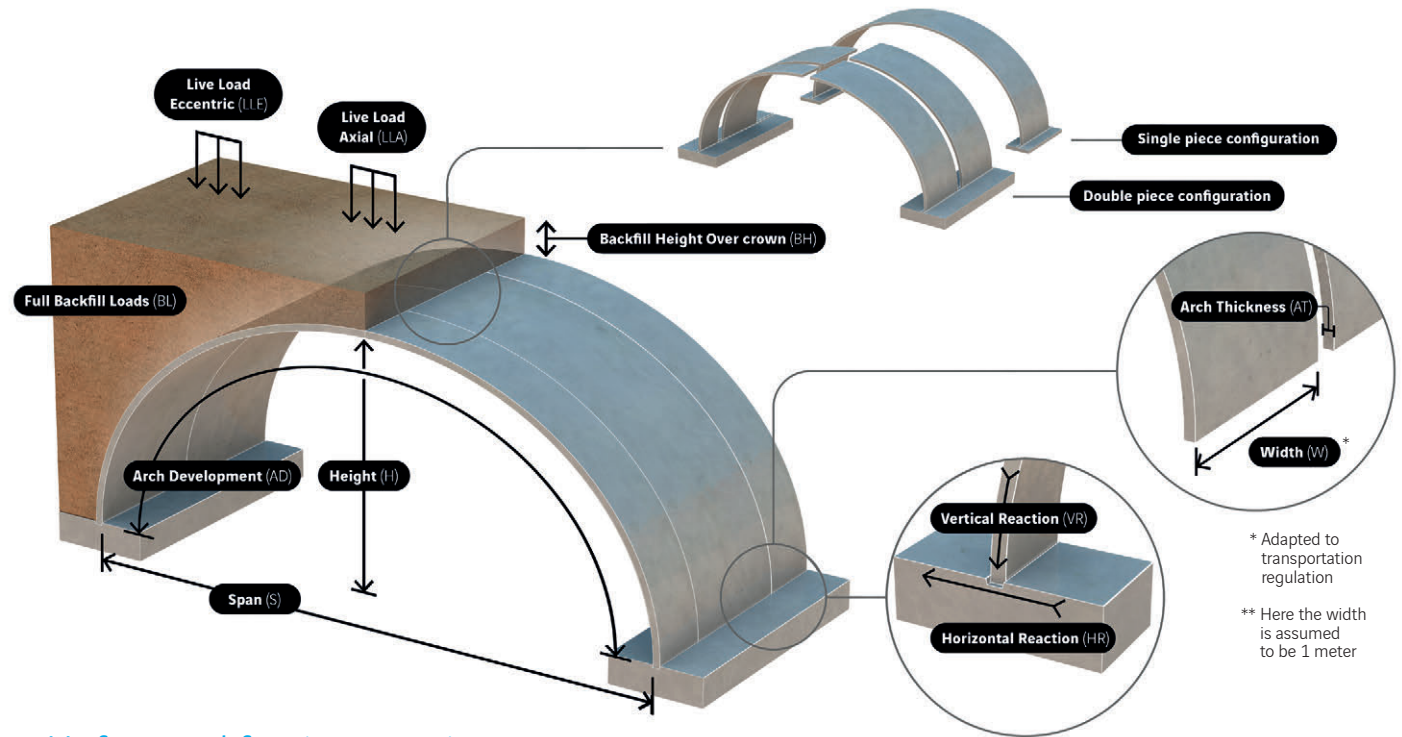


## Main dimensions

Arch configuration (piece)	Double
Span - S (m)	14,00
Height - H (m)	7,75
Arch Thickness - AT (mm)	300
Arch Development - AD (m)	24,56
Element Weight per unit width (ton/m)	9,21



\* 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_1400/J reactions (kN/m)	Arch SW*	26	96	26	96	26	96	26	96	26	96
	BL	-70	431	-71	581	-72	739	-73	897	-74	1059
	LLA	-69	532	-70	692	-71	849	-72	1002	-73	1157
	LLE	-63	669	-66	802	-68	942	-70	1081	-72	1224
	SH**	-127	590	-130	766	-129	932	-127	1101	-135	1264
	SV**	-91	585	-93	771	-93	957	-94	1143	-97	1330

## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	85,62
Wet perimeter* WP (m)	29,501

\* 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**