

## Main dimensions

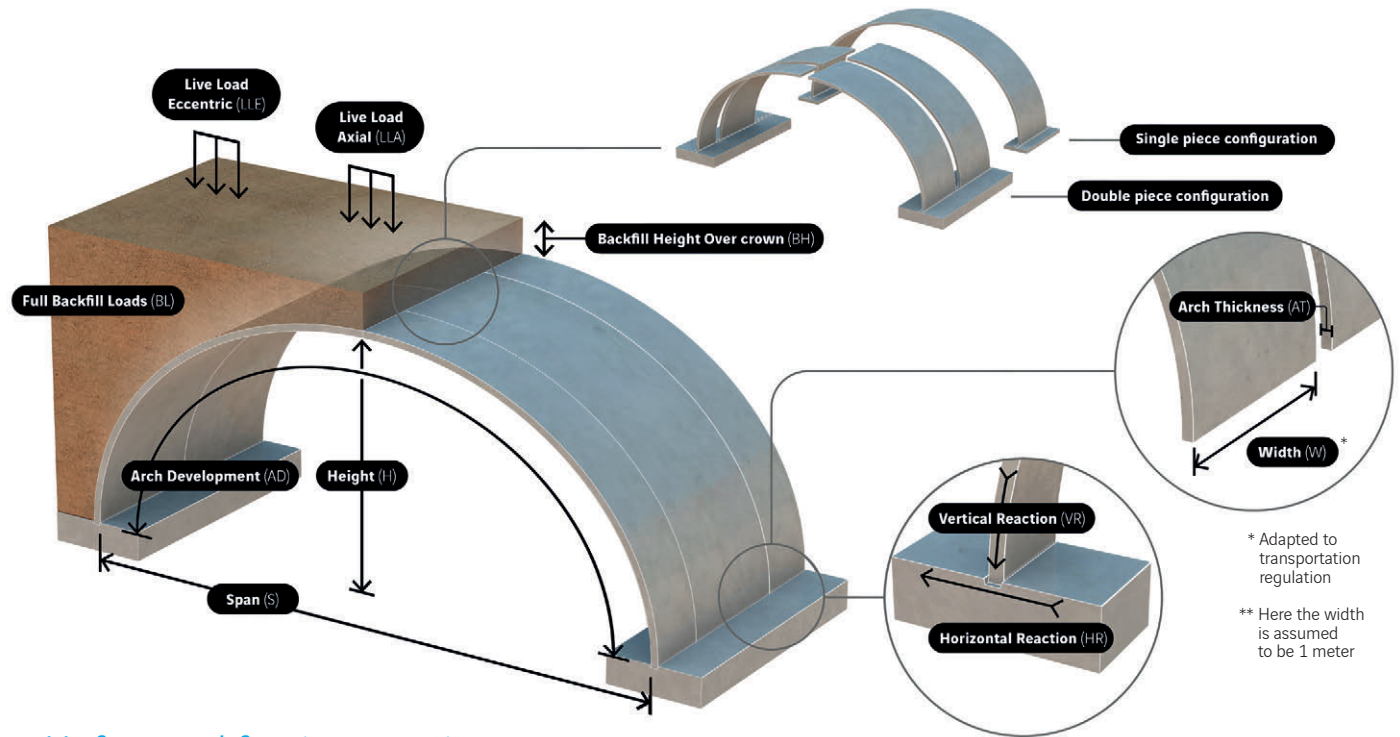
Arch configuration (piece)	Double
Span - S (m)	16,00
Height - H (m)	7,25
Arch Thickness - AT (mm)	350
Arch Development - AD (m)	24,95
Element Weight per unit width (ton/m)	10,92



## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	87,93
Wet perimeter* WP (m)	30,99

\* dimensions given for 1 meter freeboard



\* 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_1600/G reactions (kN/m)	Arch SW*	42	96	42	96	42	96	42	96	42	96
	BL	-15	488	8	665	31	844	54	1025	78	1208
	LLA	12	623	35	804	58	983	80	1159	102	1332
	LLE	36	727	53	887	72	1050	91	1215	111	1381
	SH**	-82	588	-59	779	-38	968	-19	1156	-1	1341
	SV**	-26	611	1	825	27	1038	53	1252	79	1466

\* 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**