

## Main dimensions

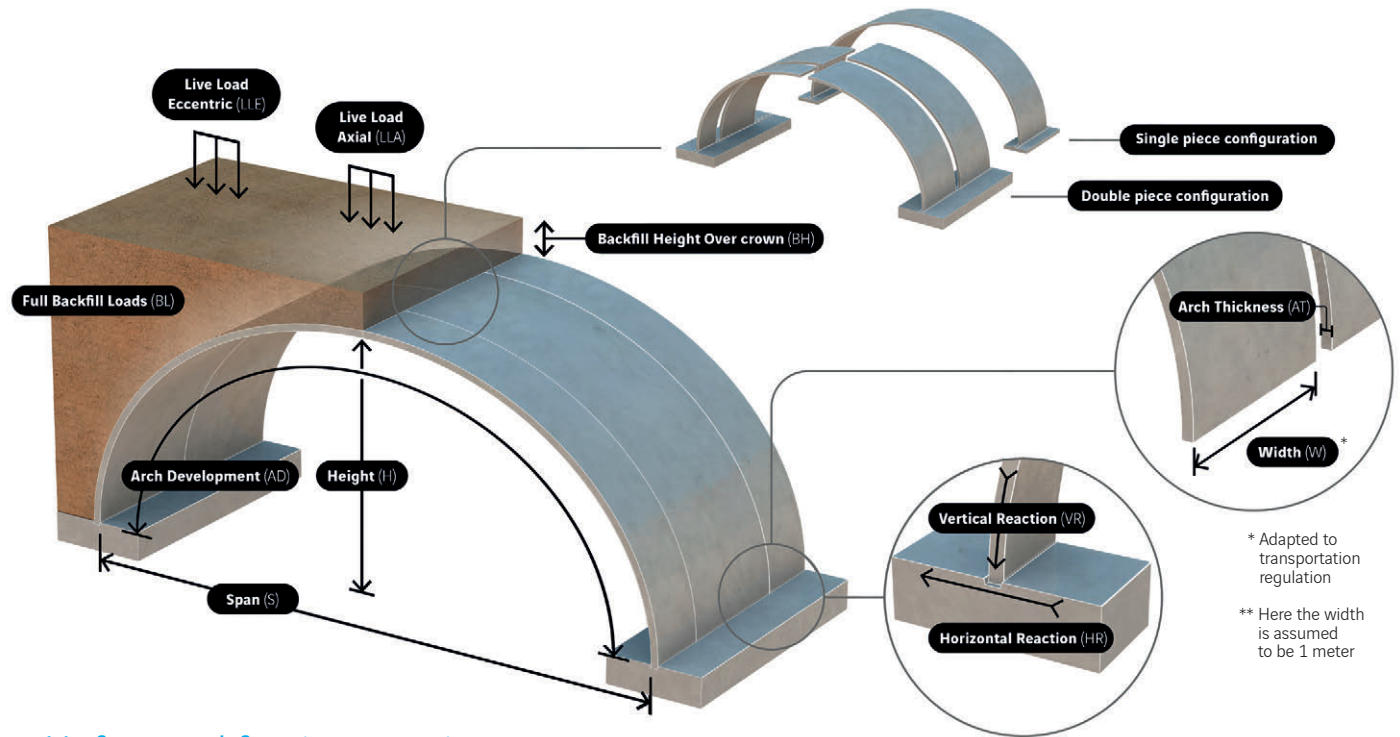
Arch configuration (piece)	Double
Span - S (m)	17,79
Height - H (m)	6,75
Arch Thickness - AT (mm)	375
Arch Development - AD (m)	25,10
Element Weight per unit width (ton/m)	11,77



## Hydraulic waterways

Wet surface - WS (m <sup>2</sup> )	86,57
Wet perimeter* WP (m)	32,49

\* 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_1800/F reactions (kN/m)	Arch SW*	67	130	67	130	67	130	67	130	67	130
	BL	75	560	140	765	205	972	270	1181	336	1391
	LLA	148	722	214	931	277	1136	339	1338	399	1536
	LLE	178	854	233	1039	289	1225	345	1412	402	1601
	SH**	-11	665	33	862	110	1070	219	1289	361	1518
	SV**	72	714	141	951	219	1190	308	1431	407	1675

\* 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**