

Main dimensions

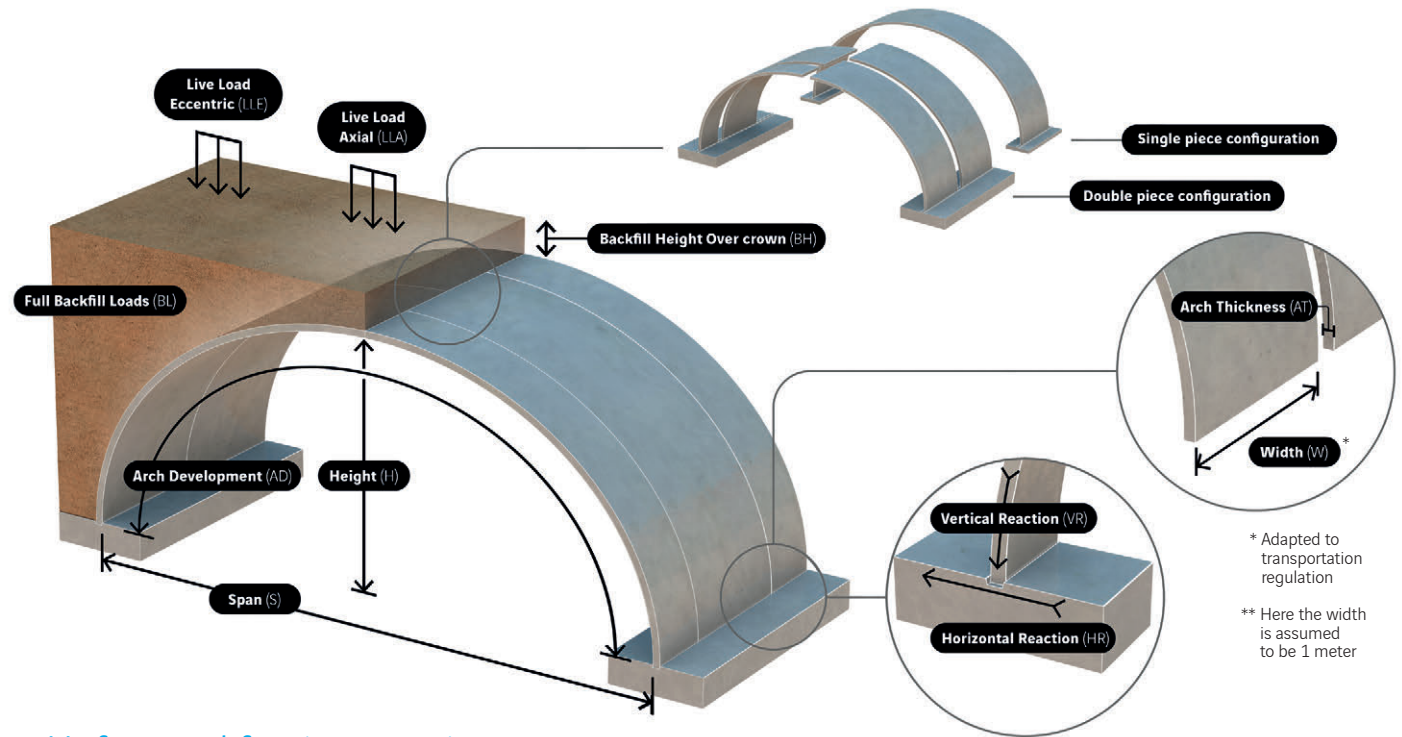
Arch configuration (piece)	Double
Span - S (m)	15,99
Height - H (m)	6,75
Arch Thickness - AT (mm)	350
Arch Development - AD (m)	23,95
Element Weight per unit width (ton/m)	10,48



Hydraulic waterways

Wet surface - WS (m ²)	79,93
Wet perimeter* WP (m)	29,97

* 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/F reactions (kN/m)	Arch SW*	47	101	47	101	47	101	47	101	47	101
	BL	18	478	53	657	88	838	124	1021	159	1205
	LLA	60	626	95	808	130	988	164	1164	197	1337
	LLE	86	732	114	893	143	1055	173	1219	203	1385
	SH**	-46	563	-22	749	20	938	80	1131	158	1327
	SV**	12	599	49	811	92	1025	141	1239	195	1454

* 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