

Main dimensions

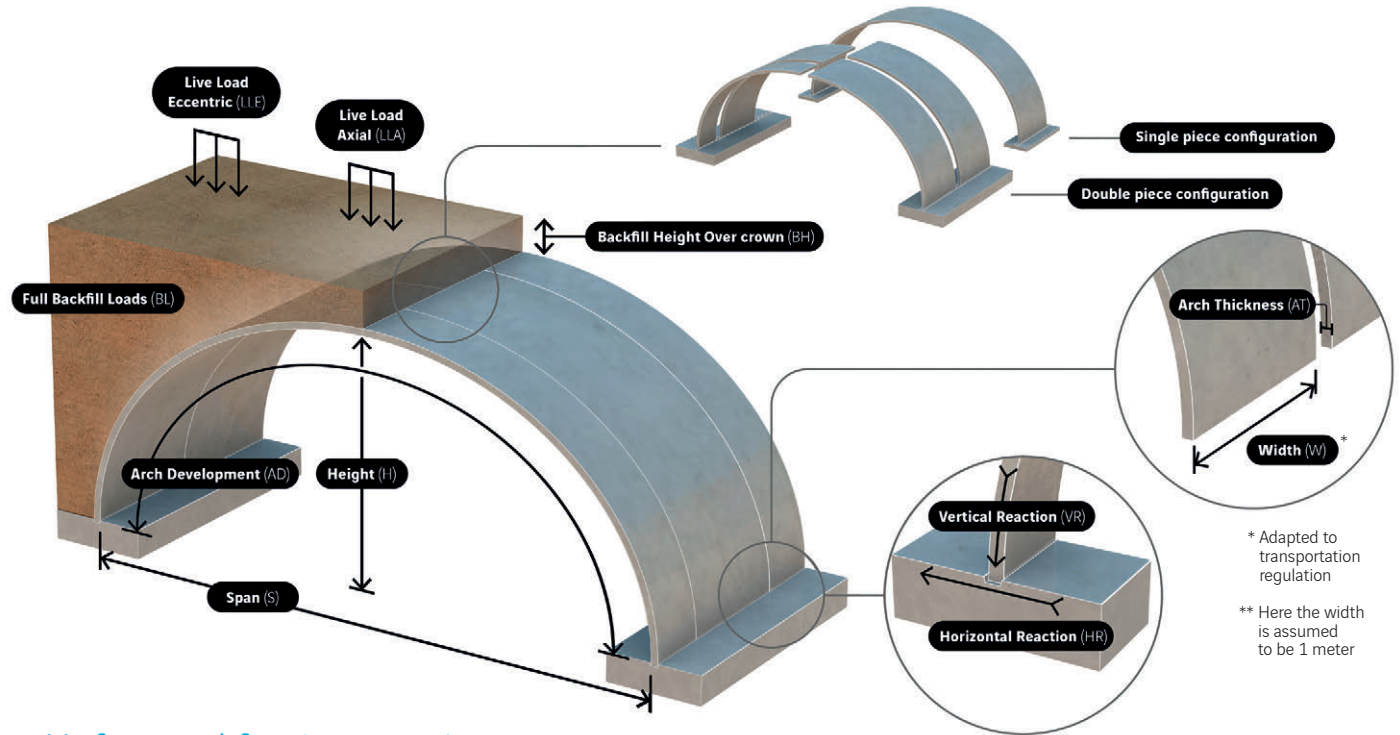
Arch configuration (piece)	Double
Span - S (m)	16,00
Height - H (m)	8,25
Arch Thickness - AT (mm)	350
Arch Development - AD (m)	26,95
Element Weight per unit width (ton/m)	11,79



Hydraulic waterways

Wet surface - WS (m ²)	103,93
Wet perimeter* WP (m)	32,99

* 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/I reactions (kN/m)	Arch SW*	37	114	37	114	37	114	37	114	37	114
	BL	-72	512	-65	685	-59	860	-55	1038	-52	1218
	LLA	-66	623	-59	806	-53	985	-48	1161	-45	1333
	LLE	-47	730	-45	892	-42	1055	-39	1218	-35	1381
	SH**	-136	661	-131	859	-130	1050	-132	1233	-138	1410
	SV**	-88	657	-82	870	-77	1082	-74	1292	-71	1501

* 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