

Main dimensions

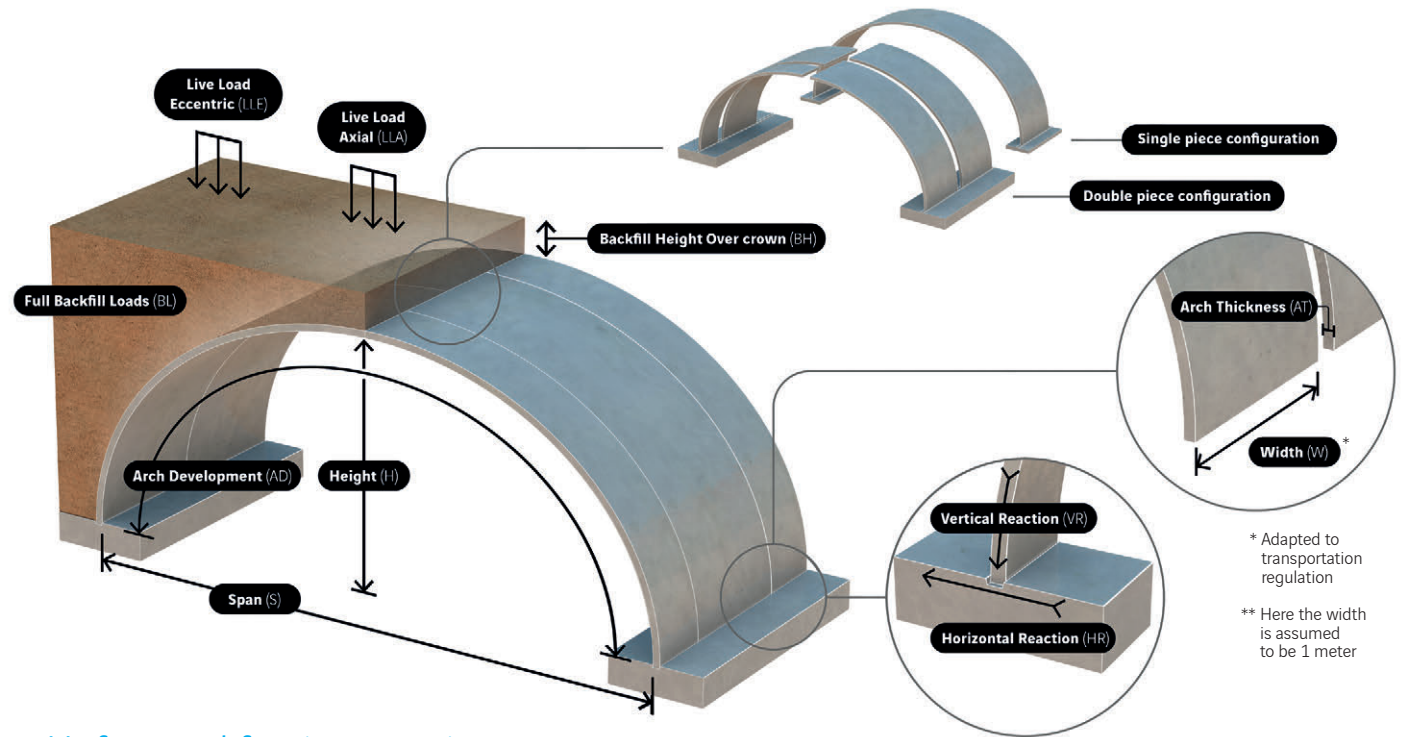
Arch configuration (piece)	Double
Span - S (m)	16,98
Height - H (m)	5,25
Arch Thickness - AT (mm)	375
Arch Development - AD (m)	21,99
Element Weight per unit width (ton/m)	10,31



Hydraulic waterways

Wet surface - WS (m ²)	60,42
Wet perimeter* WP (m)	28,57

* 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/C reactions (kN/m)	Arch SW*	71	110	71	110	71	110	71	110	71	110
	BL	176	510	280	708	383	906	486	1104	589	1302
	LLA	307	688	409	884	507	1076	602	1264	693	1447
	LLE	335	778	416	945	500	1116	588	1291	678	1472
	SH**	144	546	325	744	490	961	641	1196	777	1449
	SV**	186	611	310	842	443	1075	584	1309	734	1545

* 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