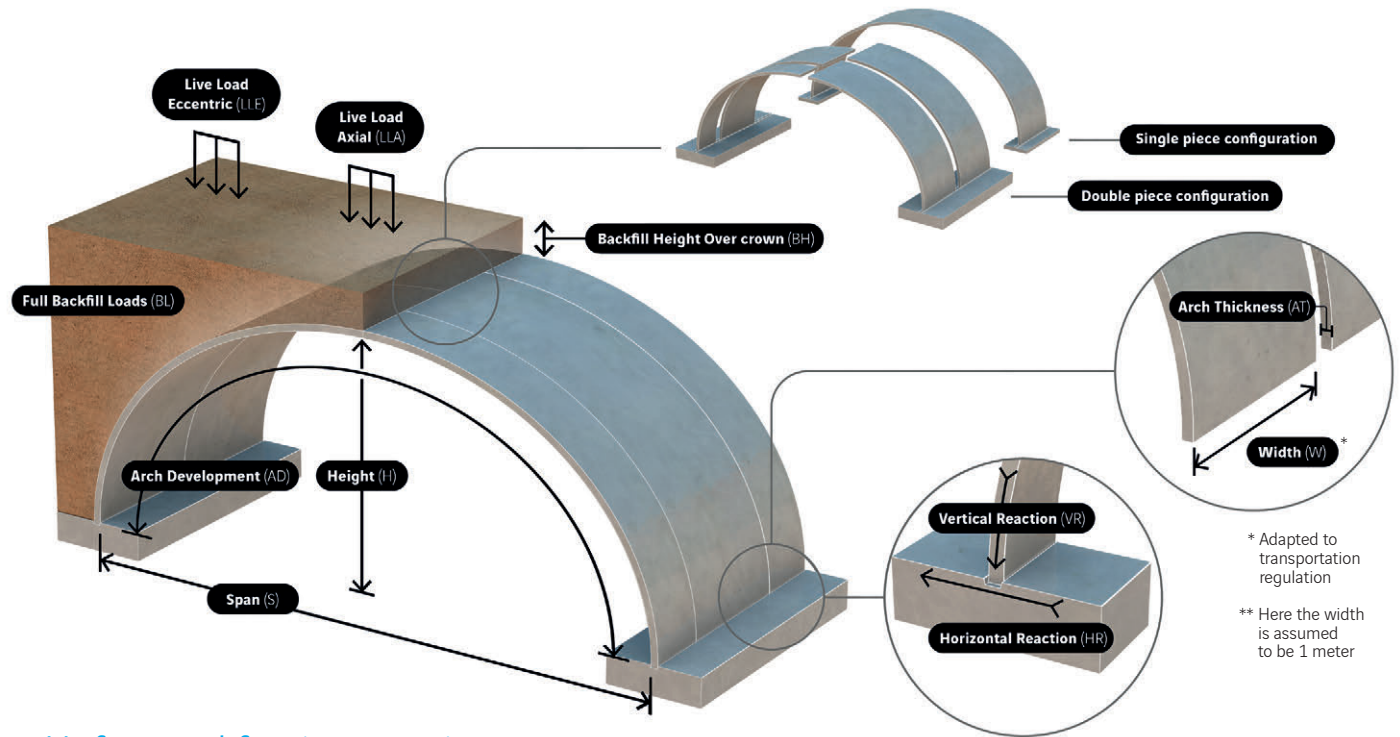


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	17,32
Height - H (m)	5,75
Arch Thickness - AT (mm)	375
Arch Development - AD (m)	23,04
Element Weight per unit width (ton/m)	10,80



* 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/D reactions (kN/m)	Arch SW*	66	114	66	114	66	114	66	114	66	114
	BL	146	535	237	740	328	943	417	1146	507	1349
	LLA	253	708	342	910	428	1108	512	1302	593	1492
	LLE	287	810	358	983	432	1161	509	1342	588	1527
	SH**	67	579	244	761	400	969	534	1204	647	1465
	SV**	153	646	243	878	351	1111	478	1347	624	1586

Hydraulic waterways

Wet surface - WS (m ²)	69,00
Wet perimeter* WP (m)	29,96

* dimensions given for 1 meter freeboard

* 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