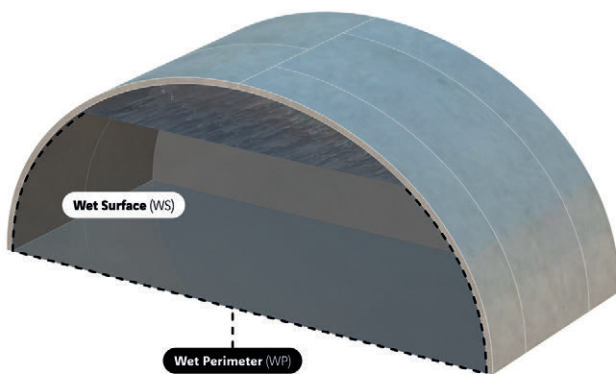


Main dimensions

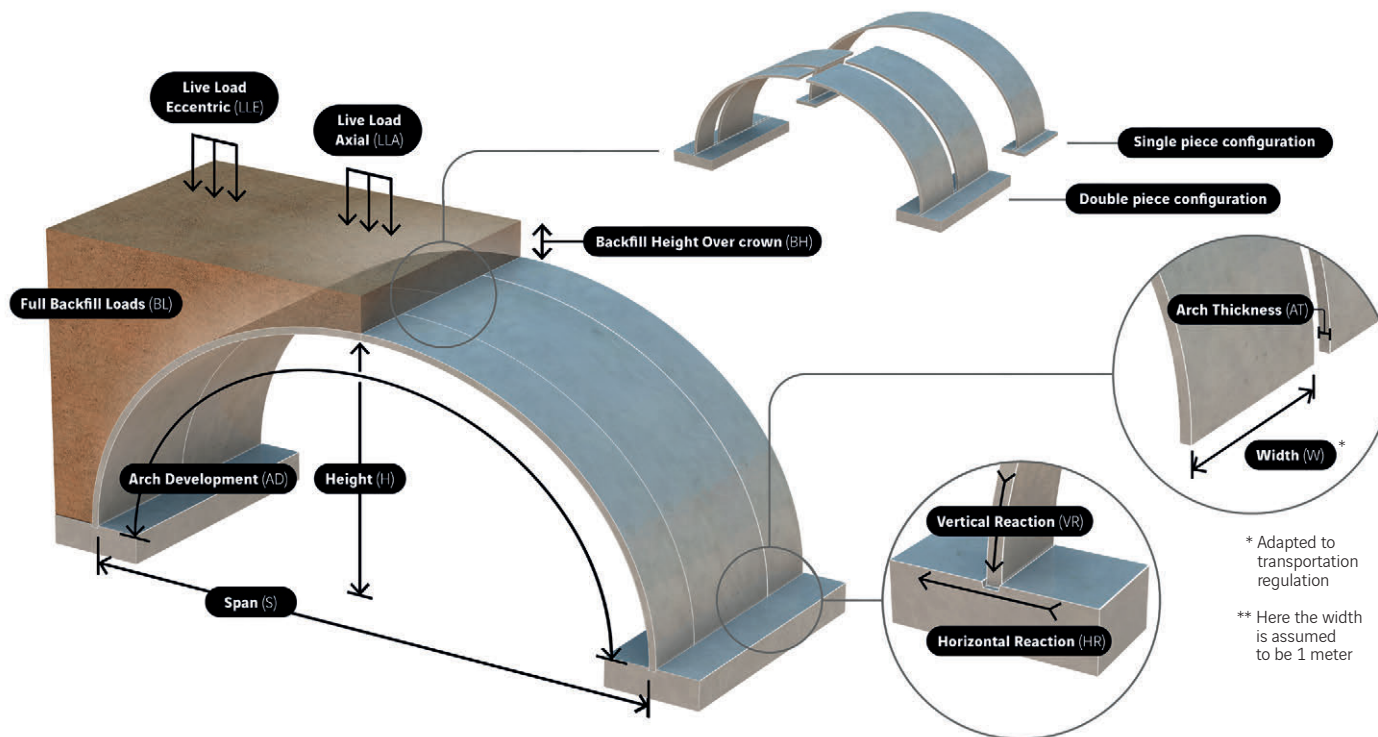
Arch configuration (piece)	Double
Span - S (m)	19,69
Height - H (m)	7,50
Arch Thickness - AT (mm)	400
Arch Development - AD (m)	27,74
Element Weight per unit width (ton/m)	13,87



Hydraulic waterways

Wet surface - WS (m ²)	107,16
Wet perimeter* WP (m)	36,58

* 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_2000/F reactions (kN/m)	Arch SW*	78	152	78	152	78	152	78	152	78	152
	BL	84	665	155	893	227	1123	299	1355	372	1590
	LLA	158	827	231	1063	302	1295	372	1523	439	1746
	LLE	191	963	253	1172	316	1383	380	1596	445	1812
	SH**	0	790	51	1017	128	1250	231	1488	360	1732
	SV**	87	839	179	1104	268	1373	355	1645	441	1921

* 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