

Main dimensions

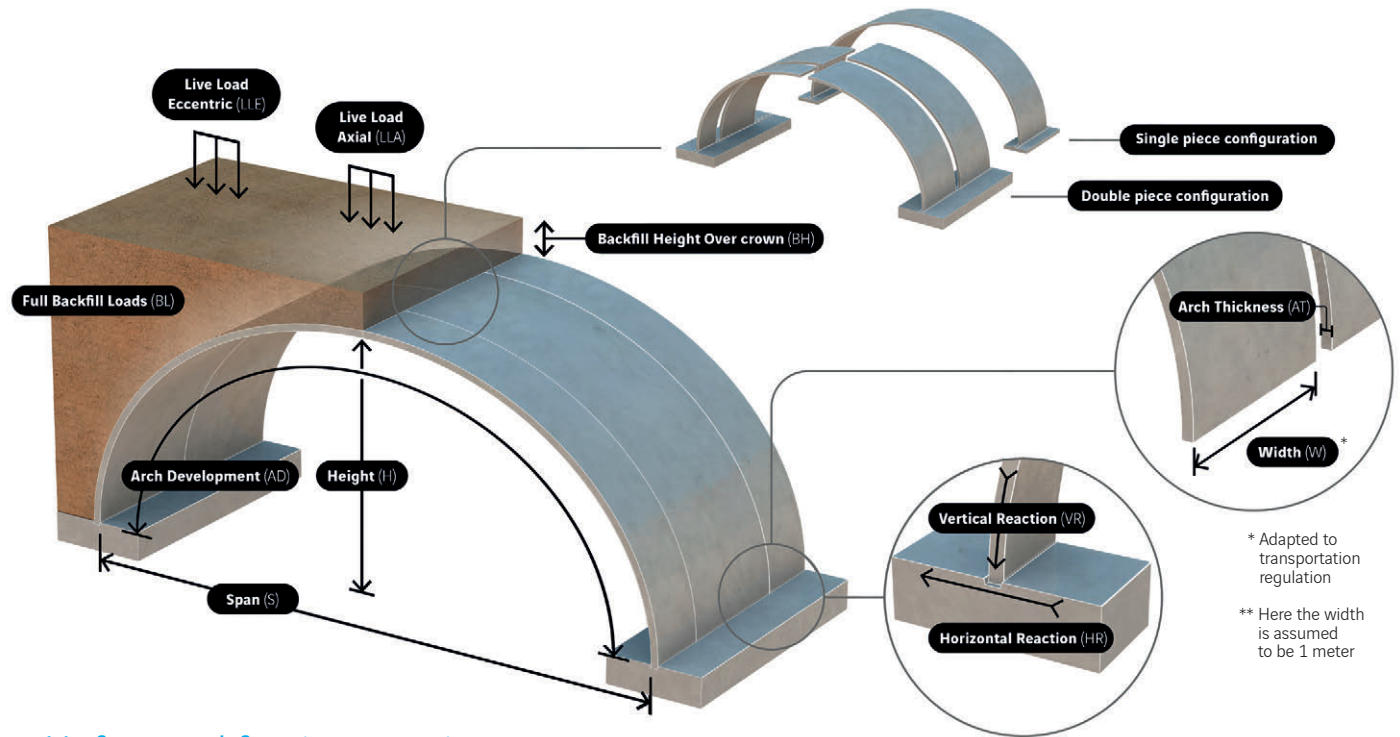
| | |
|---------------------------------------|--------|
| Arch configuration (piece) | Double |
| Span - S (m) | 10,00 |
| Height - H (m) | 6,00 |
| Arch Thickness - AT (mm) | 250 |
| Arch Development - AD (m) | 18,44 |
| Element Weight per unit width (ton/m) | 5,76 |



Hydraulic waterways

| | |
|------------------------------------|-------|
| Wet surface - WS (m ²) | 46,31 |
| Wet perimeter* WP (m) | 21,06 |

* 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_1000/I reactions (kN/m) | Arch SW* | 14 | 60 | 14 | 60 | 14 | 60 | 14 | 60 | 14 | 60 |
| | BL | -54 | 277 | -48 | 382 | -49 | 497 | -51 | 613 | -52 | 731 |
| | LLA | -54 | 379 | -47 | 485 | -48 | 593 | -49 | 701 | -50 | 810 |
| | LLE | -49 | 482 | -44 | 562 | -46 | 656 | -49 | 749 | -51 | 849 |
| | SH** | -109 | 378 | -84 | 482 | -86 | 606 | -90 | 724 | -95 | 846 |
| | SV** | -74 | 377 | -62 | 499 | -64 | 635 | -66 | 771 | -69 | 910 |

* 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