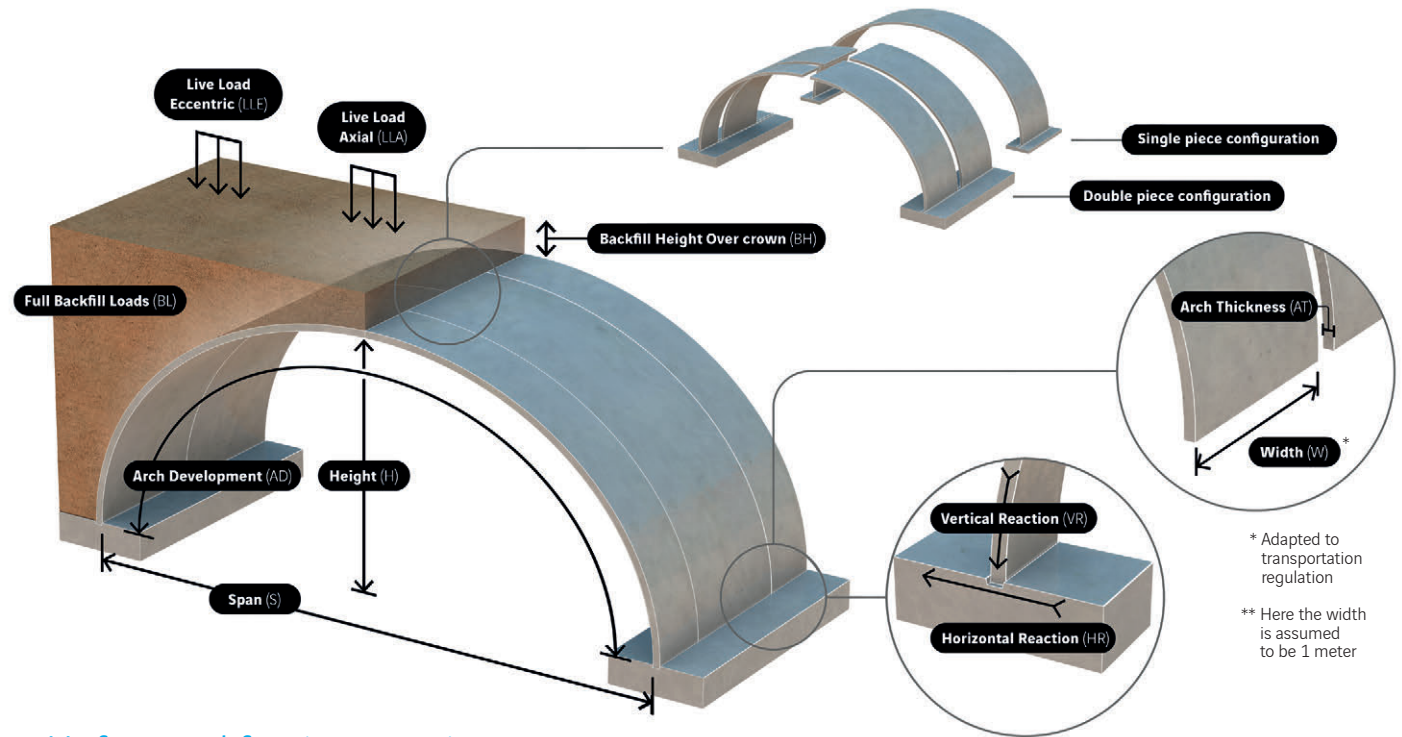


Main dimensions

| | |
|---------------------------------------|--------|
| Arch configuration (piece) | Double |
| Span - S (m) | 16,00 |
| Height - H (m) | 8,75 |
| Arch Thickness - AT (mm) | 350 |
| Arch Development - AD (m) | 27,95 |
| Element Weight per unit width (ton/m) | 12,23 |



* 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* | 36 | 129 | 36 | 129 | 36 | 129 | 36 | 129 | 36 | 129 |
| | BL | -98 | 532 | -96 | 704 | -96 | 880 | -98 | 1057 | -103 | 1237 |
| | LLA | -97 | 631 | -95 | 818 | -95 | 1000 | -97 | 1178 | -101 | 1351 |
| | LLE | -81 | 741 | -85 | 906 | -88 | 1070 | -90 | 1234 | -92 | 1397 |
| | SH** | -164 | 713 | -171 | 911 | -174 | 1106 | -174 | 1297 | -170 | 1483 |
| | SV** | -117 | 692 | -121 | 905 | -123 | 1118 | -123 | 1330 | -123 | 1541 |

* Arch SW stands for arch self weight
 ** SH and SV stand for horizontal/vertical seismic inertial loads. Live loads excluded

Hydraulic waterways

| | |
|------------------------------------|--------|
| Wet surface - WS (m ²) | 111,93 |
| Wet perimeter* WP (m) | 33,99 |

* dimensions given for 1 meter freeboard

Contact us to confirm compliance with local requirements