# Tran Thi Ly Bridge (Vietnam)

## Project description

The Tran Thi Ly Bridge is a cable-stayed bridge in Danang City, Vietnam. With a length of 731 m, a width of 35.5 m and a pylon height of 145 m, the bridge is the latest signature bridge in Vietnam.

The Tran Thi Ly Bridge crosses the Han River and connects Hai Chau district with Son Tra and Ngu Hanh Son districts. It creates an east-west axis across Danang City, connecting Danang international port with other important traffic hubs.

## Delivered products

mageba supplied two KE250 and two KA43 RESTON®SPHERICAL bearings. The load capacity of the two main bearings supporting the center pylon is 250,000 kN. This is three times the weight of the Eiffel tower – a world record for highest load capacity of spherical bearings.

The bearings are equipped with ROBO®SLIDE, mageba's special sliding material of modified molecular weight with exceptional abrasion resistance and strength properties.

The LR6 and LR3 TENSA®MODULAR expansion joints supplied for this project have a movement capacity of up to 480 mm. Both TENSA®MODULAR expansion joints have a total length of 34.5 m.

## Highlights & Facts

**mageba Products**

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|---|---|
| Type: | 4 RESTON®SPHERICAL bearings and 2 TENSA®MODULAR expansion joints |
| Features: | Bearings equipped with ROBO®SLIDE |
| Installation: | 2011 |

**Bridge**

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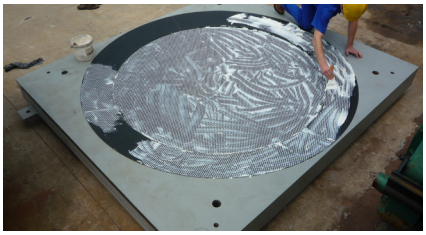
|---|---|
| Location: | Danang City |
| Country: | Vietnam |
| Construction: | 2010–2014 |
| Type: | Cable-stayed bridge |
| Length: | 731 m |
| Builder: | ALAI-DCCD Joint Venture |

Location of the Tran Thi Ly Bridge in Danang City, Vietnam


The sliding material ROBO®SLIDE is coated with special lubricating grease



The Tran Thi Ly Bridge under construction

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