

# Kids Bridge (Australia)



## Project description

The Kids' Bridge, also named Koolangka Bridge meaning 'children' in Noongar (an aboriginal language in Australia), officially opened on 4 August 2021.

The bridge provides families and children using facilities at the Queen Elizabeth II Medical Centre with the opportunity to escape the rigours of their hospital stay by safely visiting Kings Park. Experts strongly agree that visiting green places has a positive impact on the overall wellbeing of the unwell children and their families.

The 3-metre wide, 217-metre long pedestrian bridge over Winthrop Avenue in the suburb of Nedlands connects the lawn area located between Perth Children's Hospital and the multi-story carpark on the Queen Elizabeth II Medical Centre with Kings Park. The Kids' Bridge has been made possible by a \$6.3 million funding commitment of the Perth Children's Hospital Foundation.

The project is located in Perth, Australia



## mageba scope

Due to their compact design and the higher characteristic strength of the elastomeric pads, mageba RESTON®POT HP bearings were selected for use.

The compact design reduces the weight of the high-performance bearing and makes it also easier to install them.

mageba supplied 14 RESTON®POT HP uplift bearings in total, with internal restraints, and with a maximum vertical load of 2,170 kN.

These bearings were locally manufactured in Australia and tested at mageba's NATA-certified laboratory (ILAC MRA) in Sydney and then delivered to site.

mageba was able to deliver the bearings in a record time of seven weeks in order to meet the client's tight deadline.

A RESTON®POT HP bearing during manufacturing



## Highlights & Facts

### mageba products:

Type: RESTON® POT HP bearings

Installation: 2021

### Structure:

City: Perth

Country: Australia

Type: Steel pedestrian bridge

Completion: 2021

Length: 217 m

Owner: Perth Children Hospital

Contractor: Civmec Construction & Engineering Pty Ltd

Engineer: AECOM

RESTON®POT HP bearings installed on the pylons of the bridge

