

# MRT Blue Line Extension (Thailand)



## Project description

The Metropolitan Rapid Transit (MRT) is Bangkok's public transport system, opened in 2004. Currently, only the Blue and Green Lines are in service. A Purple and a Red Line are under construction. In total ten new lines are planned to be constructed by 2029.

The existing MRT Blue Line is being extended by a total of 27 km of railway track. Of this total, 5.4 km is underground and 21.5 km is elevated.

The elevated structure consists of a twin-track viaduct of precast segmental box girders. The structure is continuous with spans of up to 35 m and supported by a row of single columns beneath the middle of the road.

## mageba scope

mageba supplied 979 RESTON®POT bearings for the 11 km-length of elevated tracks from Taopoon to Tha Pra, Bangkok. Four of the bearings, supporting the structure over the Chao Phraya River, each have a load-carrying capacity of 10,000 kN.

All RESTON®POT bearings are equipped with a special POM seal developed by mageba. This POM seal is considered by many to be one of the best in the world in terms of durability, service life and reliability.

The steel components of the RESTON®POT bearings are corrosion-protected with the mageba C4 protection according to ISO 12944.

## Highlights & facts

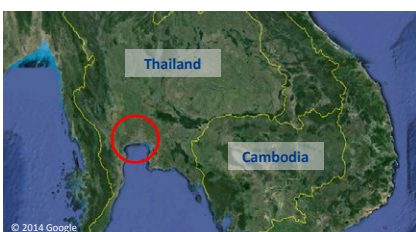
### mageba Products:

Type:	RESTON®POT bearings
Features:	Highest load carrying capacity 10,000 kN
Installation:	2012

### Structure:

City:	Bangkok
Country:	Thailand
Type:	Rapid transit system
Length:	27 km
Builder:	MRTA of Thailand
Contractor:	UNIQUE - CHUN WO JOINT VENTURE

Location of MRT Blue Line extension



In total, 979 RESTON®POT bearings were supplied for the MRT Blue Line extension



The 11 km-long elevated tracks from Taopoon to Tha Pra are equipped with mageba RESTON®POT bearings

