



## CUSTOMER

Japan Fawick Co Ltd  
(Dellner Brakes' distributor in Japan)

## BACKGROUND

The Osaka Monorail, which runs between Osaka International Airport and Keihan Railway station in Japan, opened in August 1997.

At 22.2 km (13.9 mi), the Osaka Monorail held a place in the Guinness Book of World Records for being the longest monorail in the world, until it was surpassed by China's Chongqing Monorail in 2005.

## APPLICATION

A Dellner SKP 95-27 spring applied hydraulic released brake is installed on each of the monorail's eight maintenance cars to provide emergency stopping, and holding for parking.

Each brake is mounted on the drive wheel shaft and operates on a  $\varnothing 500$  mm (19.7 in) brake disc to provide a torque range of 5.3-6.3 kNm (3,909-4,647 lbf-ft), depending on adjustment.