

KVMRT - SBK LINE

[view](#)

Application range

Transport / Tunnel

Type

Reference, Showcase

Klang Valley Mass Rapid Transit (KVMRT) is a rail-based public transport network which will help ease traffic congestion and increase the public transport modal share from 18 % in 2009 to 40 % in 2020. The first MRT line stretches from Sungai Buloh to Kajang (SBK) and will serve a catchment of 1.2 million residents travelling between populated residential, commercial centres and key employment areas in the Klang Valley. The Sungai Buloh-Kajang line covers a distance of 51km and hosts 31 stations. The RM8.2billion tunnelling package for KVMRT SBK Line involves the design and construction of 9.5km of MRT underground tunnel with seven underground stations. Those stations are Muzium Negara, Pasar Seni, Merdeka, Bukit Bintang, Tun Razak Exchange, Cochrane and Maluri.

TROX have worked with Mott MacDonald and AECOM before the tender was released and awarded. After the award of the contract to MMC GAMUDA KVMRT (T) SDN BHD (MGKT) as main contractor, TROX ensured that MGKT understood the benefits of using TROX products. TROX supplied the ECS (Environment control system) and the TVS (Tunnel ventilation system) dampers to seven underground stations to the six awarded mechanical contractors. TROX also supplied all other commercial products, namely volume control dampers, pressure relief dampers, fusible link fire dampers and grilles & diffusers for the concourse, platform and other areas.

TROX supplied JFM dampers (ECS and TVS), commercial dampers, grilles and diffusers will ensure that KVMRT SBK line commuters are ensured a comfortable and safe journey under all circumstances including safe evacuation in the event of a fire within an underground station.

Approx. 1,600 industrial dampers JFM,

Approx. 2,200 commercial dampers BDD, VCD,

Approx. 7,000 grilles diffusers and weather louvers AR, AT, AH, AGS, ADT, AWG, AWT, VDL