



Product

Twiflex Laylink Coupling Type LB 6/340 & Cardan Shaft

Application

BR High Speed Trains (HST)

Highlights

- Laylink coupling type 6/340 & cardan shafts installed on revolutionary high speed trains
- Reduce traveling time by 25 percent
- Transmits large torques and supports heavy floating shafts
- Link configuration allows coupling to accommodate large levels of misalignment and movement

The first of 20 high-speed trains delivered to the Swedish State Railways for operation between Stockholm and Gothenburg are more than significant; they are revolutionary. The new trains reduce traveling time by 25 percent, and helping achieve this new efficiency is the Twiflex Laylink coupling.

The Laylink coupling employs pre-compressed rubber blocks in a link type configuration, and the links are arranged circumferentially between the driving and driven flanges.

The power and speed of the application is matched by selecting from a range of link designs, and this particular application required the type LB 6/340 & cardan shaft.

The Laylink coupling has a high torsional stiffness which allows it to transmit particularly large torques and support heavy floating shafts, while the link configuration allows the coupling to accommodate large levels of misalignment and movement between the driving and driven units.

To ensure accuracy and dependability, Twiflex uses computer simulation to test and calculate the operational characteristics of their designs, thus ultimately guaranteeing the success of the Laylink coupling on these high speed trains.

US (Customer Service)
+44 (0) 8894 1161
twiflex.com

Europe
+44 (0) 8894 1161

Asia Pacific
For a list of our AP sales offices:
altramotion.com/contactus