



## CUSTOMER

**Dover Harbour Board, Dover, England.  
(Engineered by Butterley Engineering)**

### APPLICATION 1

Emergency/parking brakes for hoisting winch drives on a ro-ro catamaran ferry bridge. The purpose of the brakes is to hold the bridge between the dock and catamaran ferry during car and truck loading. Two Dellner Brakes type SKP 4x120-138 spring applied, hydraulically released disc brakes operating on a 1940 mm (76.4 in) diameter disc provide 236 kNm (2,089,000 lbf-in) of torque with 155 bar (2,250 psi) release pressure.

### APPLICATION 2

Emergency/parking brakes for hoisting winch drives on passenger walkway. The purpose of the brakes is to hold the walkway between the dock and catamaran ferry. Two Dellner Brakes type SKP 2x120-47 spring applied, hydraulically released disc brakes operating on a 1000 mm (39.4 in) diameter disc provide 56 kNm (495,600 lbf-in) of torque with 115 bar (1,670 psi) release pressure.

