CUSTOMER
Dover Harbour Board, Dover, England
( engineered by Butterley Engineering)

APPLICATION
Dellner Brakes has supplied emergency / parking brakes for
the hoisting winch drives on a ro-ro catamaran ferry bridge,
to hold the bridge between the dock and the catamaran ferry
during car and truck loading.

The system consists of two Dellner SKP 4x120-138 spring
applied, hydraulically released disc brakes which operate on
a 1,940 mm (76.4 in) diameter disc and provide 236 kNm
(2,089,000 lbf-in) of torque with 155 bar (2,250 psi) release
pressure.

We also supplied emergency / parking brakes for the hoisting
winch drives which hold the walkway between the dock and
the catamaran ferry.

Here, two Dellner SKP 2x120-47 spring applied, hydraulically
released disc brakes operate on a 1,000 mm (39.4 in)
diameter disc and provide 56 kNm (495,600 lbf-in) of torque
with 115 bar (1,670 psi) release pressure.