

## Soft starters for Main Propulsion in "BC Ferries" C-Class

Driving main propulsion

Motor ratings: 1200A/11MW/6600V



Passenger Ro-ro ferries spend a lot of time maneuvering at dock while simultaneously ensuring passenger comfort. The high inrush current associated with motor starting would require oversized generating capabilities. When designing BC Ferries latest C-class, the designers chose to use us for the most dependable propulsion Soft - Starters available, thus, ensuring continuous performance under intensive and adverse conditions of constant vibrations, temperature variations and corrosive conditions. Soft-starters for main-propulsion eliminate the initial torque surge on the shaft as the enormous propeller begins to turn, the voltage drop associated with starting the large motors and reduce wear and tear from the mechanical system. In addition, the enhanced motor protection package incorporated into the soft-starters provides exceptional value as protection on the component and system level are peerless.

Passenger Vessel – BC Ferries C-Class Design  
Project Contractor – Flensburger Schiffbau, Germany  
Integrator - SAM Germany  
Motor type - 6 x 11MW at 6.6KV, Main Propulsion, 2 per Fe

