

## Soft starters for Under water Pipe laying vessels

Driving Bow Thrusters  
On the pipe laying vessel "Lochnagar"  
Motor ratings: 690V, 1800A



RVS-DN 1800A, 690V

Adding 20 meters in length and 5 meters in breadth, the now 100 meter Lochnagar owned by Brasil Oil Petro Bros was converted from a supplier vessel to a pipe laying vessel at Viktor Lenac shipyard in Croatia.

The Solcon RVS-DN soft-starter was installed to start the vessel's bow thruster rated at 1800KW/690V. Soft starting the thruster eliminates high inrush current and damaging mechanical torque on the motor shaft; eliminating problems from voltage sags in the power system, to reduced life of the mechanical drive system.



The Pipe Laying Vessel Lochnagar

<b>Current limit</b>	200% In	150-170% In
Start time	14.3 sec	20sec
Pitch	0	0