

# Soft Starters for the Water Industry

## Driving water pumps

Motor ratings: 4160V, 400A  
 Monterrey, PBO pumping station  
 Mexico

The City of Monterrey is situated 2000 meters above sea level. Supplying water to the city requires many booster pumps operating periodically to keep the water pressure at a suitable level. It was very important to eliminate the high inrush current and start-up torque on every start and to have the ability to soft-stop these pumps to eliminate damaging water hammer that threatens the pipe joints, valves, and instruments with every stop.

Solcon soft starters not only soft start and soft stop, but also provide start and stop pump curves that increase the life of both the pumps and the piping infrastructure. The built in motor protection system and the additional motor protection relay provides comprehensive protection to both the motor and the soft starter.



4 x 4.16KV, 400A

