



Customer : Mourik Services BV  
Product group : Valves and Instrumentation  
Market : Other industries



## ERIKS DESIGNS SOPHISTICATED SHUT-OFF VALVE FITTED WITH FLUSHING PORT

Air flow prevents debris from blocking the valve



### CHALLENGE

Mourik has been active in industrial cleaning and catalyst handling for several decades. The diversity of handling methods and environments demands specialist equipment that sucks up everything dust-free and does not emit dust. There were valves inside this equipment that often malfunctioned. For example, one valve would work for particulate matter, but not for larger debris, or vice versa. The challenge was to find a solution that would work for both.

### SOLUTION

After extensive testing, Mourik in consultation with ERIKS selected the bi-directional pneumatic knife-gate valves made by Weco. Initially, the solution did not work optimally. The valve wouldn't close if there was debris inside. ERIKS set out to find a solution, in close cooperation with Mourik.

It didn't take long to find one. By blowing air into the opening as the valve shuts, any debris is removed. ERIKS worked out all the details together with Mourik, from the exact placement of the nozzles to the required volume of air. Weco then modified the valves and fitted them with a flushing port, to the exact specifications of ERIKS' technical design. After the port was installed, there were no more problems with valves not shutting properly.

The solution may seem simple, but it did the business. And it was realised in a fertile partnership between ERIKS, Mourik and Weco.

### SAVINGS

- Cost savings
- Time savings



### CUSTOMER PROFILE

Mourik Services B.V. is an international holding company providing a wide range of technical services. One of these is industrial cleaning for companies in the petrochemical sector. Overall, the Mourik companies jointly generate annual sales of approx. € 400 million with 2,000 employees.

know-how makes the difference

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