

ProMinent® Spectra® Progressive Cavity Pumps Chemical Industry Applications

ProMinent®



Spectra helical rotor pump size S10B04 in RCH1000 construction with 1.4571 SS rotating parts and CSM stator for polymer metering



Spectra S201B03 metering Formaldehyde to a process stream near Sydney. Construction in 1.4571 SS for wetted parts.

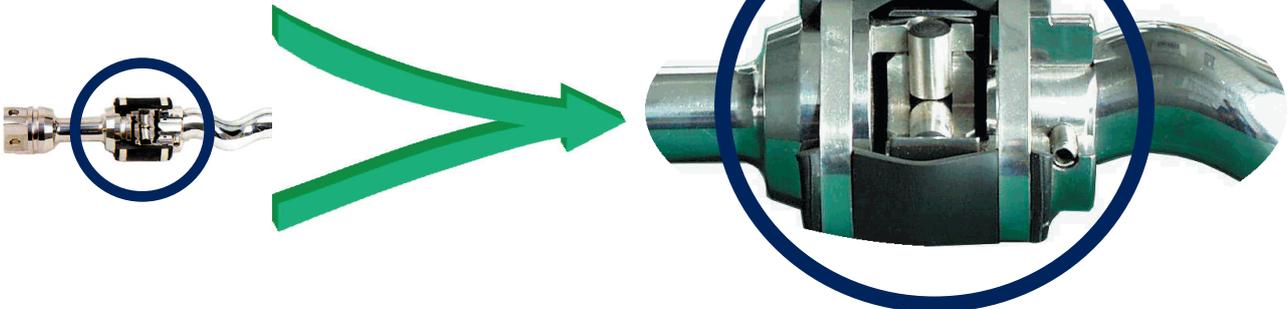
Spectra helical rotor pumps and their special features



- ✓ Capacities up to 450 m³/hr
- ✓ Pressures up to 48 bar
- ✓ Minimal pulsations
- ✓ Capacity proportional to speed
- ✓ Low operating noise
- ✓ Proven heavy duty cardan joints
- ✓ For metering and transfer applications
- ✓ Direction of flow reversible



The heart of the Spectra pump is the cardan joint



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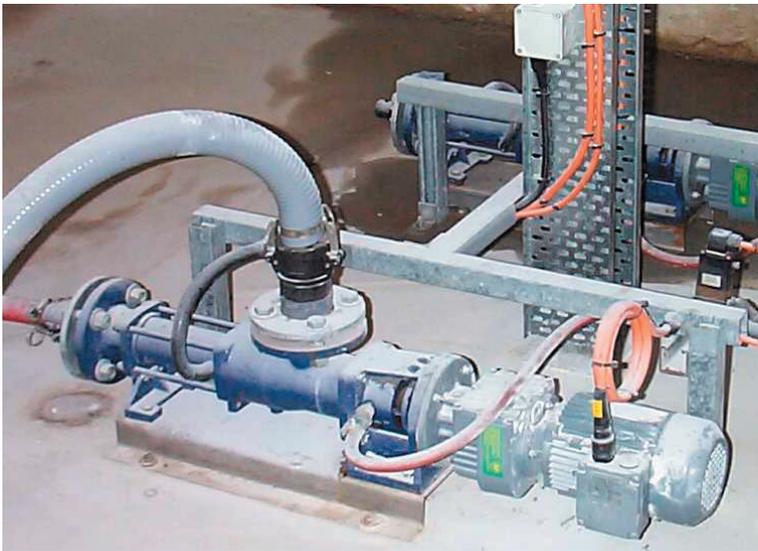
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Lime slurry metering pump at a Waste Water treatment plant



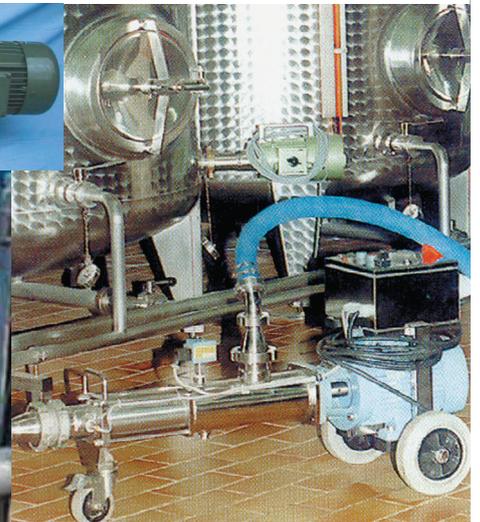
Two pumps prepared for fitting to a ProMinent polymer dosing packaged plant



Jacketed stainless steel pump for a Food industry application on glucose metering

Application areas:

- ✓ Flocculant metering - Polymer, Alum
- ✓ pH correction – Lime, caustic
- ✓ Water industry – PAC, Fluoride, polymer
- ✓ Sugar industry – molasses, cane juice etc
- ✓ Paper industry – adhesives, fillers, dyestuffs, pulps etc
- ✓ Mining – dewatering, slurry transfer, process metering, drilling mud
- ✓ General industrial – paint, wine, brewing,



Trolley mounted pump in a winery



Spectra helical rotor pumps transferring Sludge at a waste treatment facility

