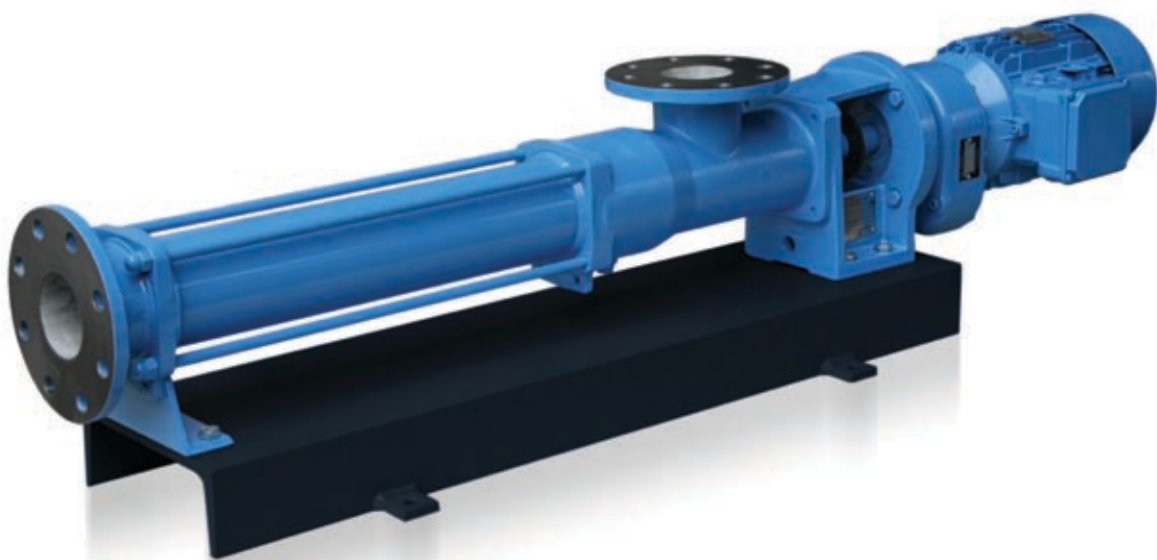


# SPECTRA PROGRESSIVE CAVITY PUMPS



**Pro**Minent®



## Primary Applications



Water & Wastewater Treatment



Pulp & Paper



Mining



Agriculture



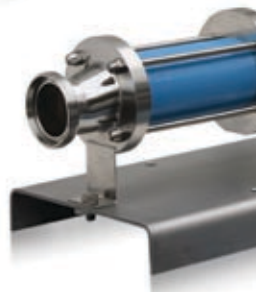
Chemical Industry



Dispensing & Metering



Food & Beverage

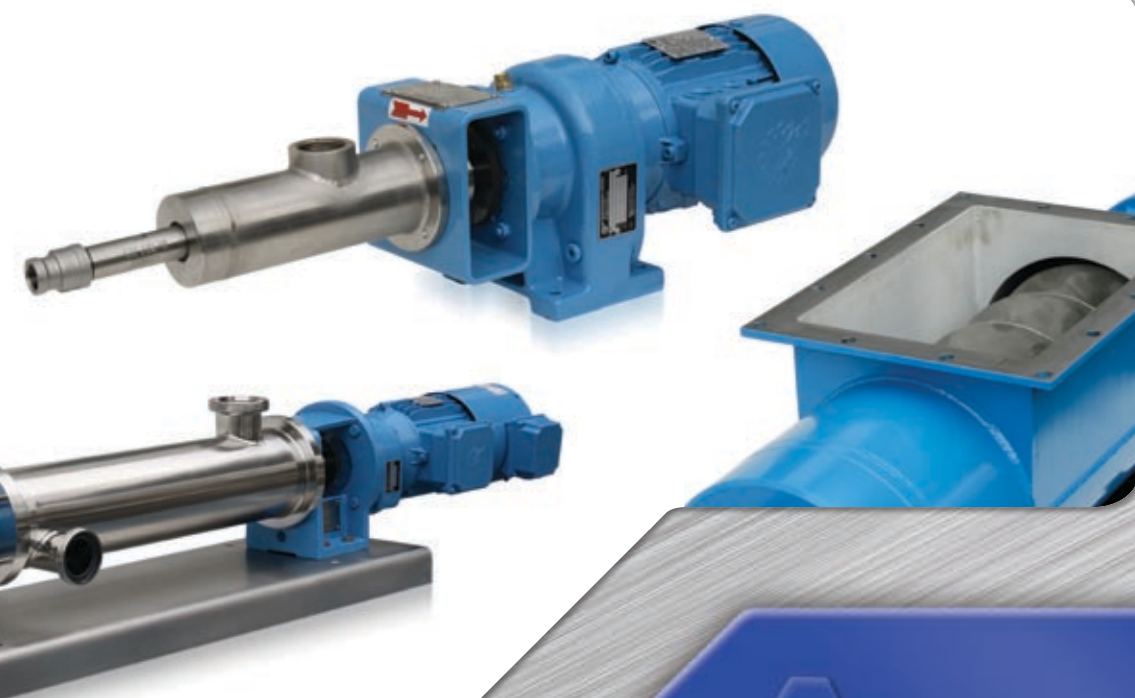




## Features of ProMinent Spectra

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- Flow rates from 1 l/hour to 350 m<sup>3</sup>/hour
- Up to 24 bar discharge pressure
- Accurate metering & pumping
- Ability to pass solids & undissolved particles
- Gentle, low-shear pumping action
- Pump high viscous & high S.G. media
- Suction lifting up to 8 metres column of water (mcw)
- Reversible
- 9 different stator elastomer options
- Wide range of casing & rotor materials
- Close-coupled & long-coupled construction
- Hopper feed, vertical mount & food grade options available
- Robust cardan joints as standard
- Flanges drilled to suit preferred standard
- Custom options such as rubber lined pump casings are available
- Fully manufactured in Germany



## Overview

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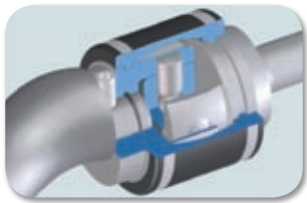
For over 30 years ProMinent Fluid Controls Pty Ltd have been a specialist in the design and supply of progressive cavity pumps and systems.

ProMinent Spectra progressive cavity pumps are used globally in a wide range of industries such as water & wastewater, mining, food & beverage and the chemical industry.

With both short and long geometry designs a ProMinent Spectra pump can be supplied to meet most flow, pressure and conveying media requirements.

Our experienced engineers are able to design and manufacture a specific solution to meet your individual requirements using the very latest in 3D design programs.

Every Spectra pump is fully manufactured in Germany to the highest of European standards.

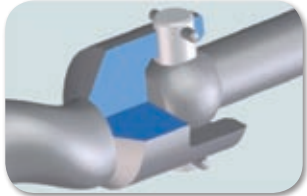


## Joint Types

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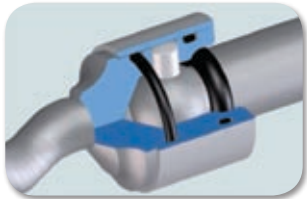
### Cardan joint

Is the standard heavy duty, wear-resistant joint for Spectra progressive cavity pumps. The design of this joint ensures an extended lifetime compared to a conventional pin joint. It is encapsulated and filled with lubricant.



### Bolt joint (open)

Is designed especially for hygienic applications, this joint has a minimal number of components to prevent the build up of product residue.



### Bolt joint (sealed)

Is specifically for the S06, S08 and S10 pump models. This joint is sealed with o-rings and filled with lubricant.



## Accessories

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### Overpressure protection

Switches off the pump when the set pressure is exceeded. It is suitable for all media and applications, including hygienic.



### Dry run protection (conductive)

Will recognise a reduction in the suction line fluid level and immediately switch the pump off to prevent running the pump dry.



### Dry run protection (thermal)

Will recognise an increase in stator temperature and immediately shut the pump down to prevent stator wear.

## ProMinent Fluid Controls Pty Ltd

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