

# ProMinent Spectra Progressive Cavity Pumps Range S151 - S204

**ProMinent®**



**Spectra Pump Model: S201B03** used at a surfactants plant to dose 450 l/h of formalde.

## Advantages

- ✓ Standard pumps held in stock
- ✓ High quality, competitively priced pumps
- ✓ Competitively priced spares
- ✓ Base plate is optional
- ✓ Quick delivery
- ✓ Easily dismantled
- ✓ Sold as liquid end or complete pump
- ✓ B range of pumps flange directly to fixed and variable speed geared motors
- ✓ For more robust applications the S range suit standard flexible couplings.

## Specifications

- Size Range:** S151 - S204  
**Flow rates:** up to 1m<sup>3</sup>/h  
**Pressure:** up to 24 bar  
**Applications:** Sludges, polymer, caustic soda, PAC, milk, formaldehyde, alum, food products, etc.  
**Features:** Casing - 316SS, 304SS, Cast Iron  
 Rotating components - 316SS, 304SS, tool steel, special materials  
 Elastomers - NBR, CSM, EPDM, Viton, etc.  
**Shaft Sealing:** Gland packed or mechanical seal, with or without flushing



**Spectra Pump Model: S202B03** used at a water treatment facility to dose 350 l/h of fluoride solution into drinking water.

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**Distributors Throughout Australia & New Zealand**

Spectra S151-S204 Brochure 18-6-02

# Identity Code System for Spectra Progressive Cavity Pumps

## S - Identity Code- System for Spectra Progressive Cavity Pumps

S151 - S204

| Close Coupled |                             |
|---------------|-----------------------------|
| B01           | Standard - Cast iron casing |
| B02           | Standard - 1.4308 casing    |
| B03           | Standard - 1.4571 casing    |
| RB1           | Hopper - Cast iron casin    |
| RB2           | Hopper - 1.4308 casing      |
| RB3           | Hopper - 1.4571 casing      |
| LB1           | Food Grade - 1.4571 casing  |

| Bare Shaft |                             |
|------------|-----------------------------|
| S01        | Standard - Cast iron casing |
| S02        | Standard - 1.4308 casing    |
| S03        | Standard - 1.4751 casing    |
| R01        | Hopper - Cast iron casing   |
| R02        | Hopper - 1.4308 casing      |
| R03        | Hopper - 1.4571 casing      |
| L01        | Food Grade - 1.4571 casing  |

| Rotor |                                   |
|-------|-----------------------------------|
| 1     | Tool steel hardened (1.2436)      |
| 2     | Stainless steel (1.4057)          |
| 3     | Stainless steel (1.4571)          |
| 4     | Hastelloy                         |
| 5     | Stainless steel (1.4112 hardened) |
| 6     | Special material                  |

| Rotor Finish |                               |
|--------------|-------------------------------|
| 0            | Standard                      |
| 1            | Hard chrome plated            |
| 2            | Ductile coated                |
| 3            | Undercut - Standard           |
| 4            | Undercut - Hard chrome plated |
| 5            | Undercut - Ductile coated     |

| Rotating Parts |                          |
|----------------|--------------------------|
| 1              | Stainless steel (1.4057) |
| 2              | Stainless steel (1.4571) |
| 3              | Hastelloy                |
| 4              | Special material         |

| Stator |                  |
|--------|------------------|
| NB     | NBR              |
| EP     | EPDM             |
| CS     | CSM              |
| FP     | FPM              |
| SP     | Special Material |

| Joints |                             |
|--------|-----------------------------|
| 1      | Cardan joint with collar    |
| 2      | Cardan joint without collar |

| Type of Seal |   |
|--------------|---|
| GP           | Gland packing                                       |
| GQ           | Gland packing with quench                           |
| M1           | Close coupled Mechanical Seal ( Carbon - Cr - NBR ) |
| M2           | Close coupled Mechanical Seal ( SiC - SiC - NBR )   |
| M3           | Close coupled Mechanical Seal ( Carbon - Cr - FPM ) |
| M4           | Close coupled Mechanical Seal ( SiC - SiC - FPM )   |
| M5           | Close coupled mechanical seal ( SiC - SiC - EPDM )  |
| M6           | Bare shaft - Mechanical Seal ( Carbon Cr - NBR )    |
| M7           | Bare shaft - Mechanical Seal ( SiC - SiC - NBR )    |
| M8           | Bare shaft - Mechanical Seal ( Carbon - Cr - FPM )  |
| M9           | Bare shaft - Mechanical Seal ( SiC - SiC - FPM )    |
| SS           | Special sealing                                     |

### Accessories

|            |  |
|------------|--|
| Baseplates | Block pump baseplate<br>Bareshaft pump baseplate |
| Couplings  | Coupling 6 / 12 bar<br>Coupling 3 / 6 bar        |

S151 B01 1 3 2 CS 1 GP