

# Regent pumps



Majorflow & Minorflow

End Suction & In-line  
Pumps  
*centrifugal*

# End Suction Pumps

# Minorflow

Regent Minorflow pumps are close coupled end suction single stage centrifugal motor pumps. They provide reliable high performance from a compact unit and are suitable for a broad range of applications. A special viton seal is fitted as standard and can resist liquid temperatures up to 120°C.

The Regent Minorflow is available in a broad range of materials and sizes. It comes with a totally enclosed fan cooled non-overloading motor and features a back pullout design for easy maintenance.

## Design Features:

### TEFC Motor

Totally enclosed fan cooled non-overloading motors are fitted as standard to provide trouble free operation. Option Available: special motor enclosures.

### Hi-Temp Seal

A viton seal is fitted as standard to resist liquid temperatures to 120°C.

### Variable Discharge Position

The casing may be mounted in alternative discharge positions (standard supplied horizontally overshot).

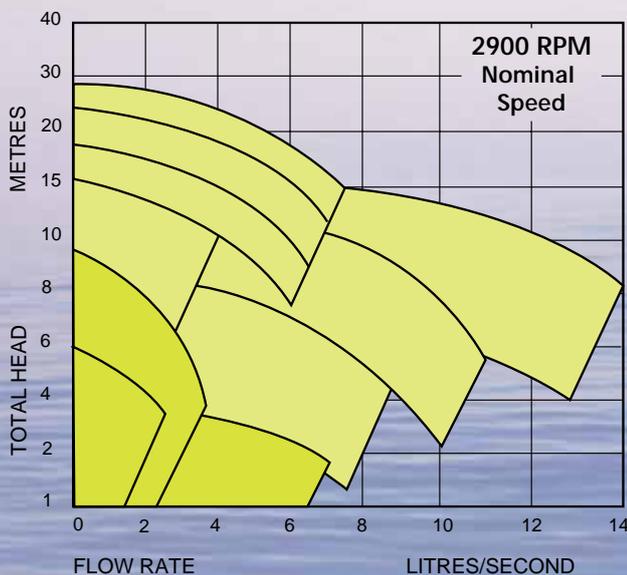
### Back Pullout Design

The complete rotating element including motor may be withdrawn from the rear without disturbing pipework.

### Compact Design

Being close-coupled to the electric motor Minorflow Pumps utilise minimum floor space.

## Performance



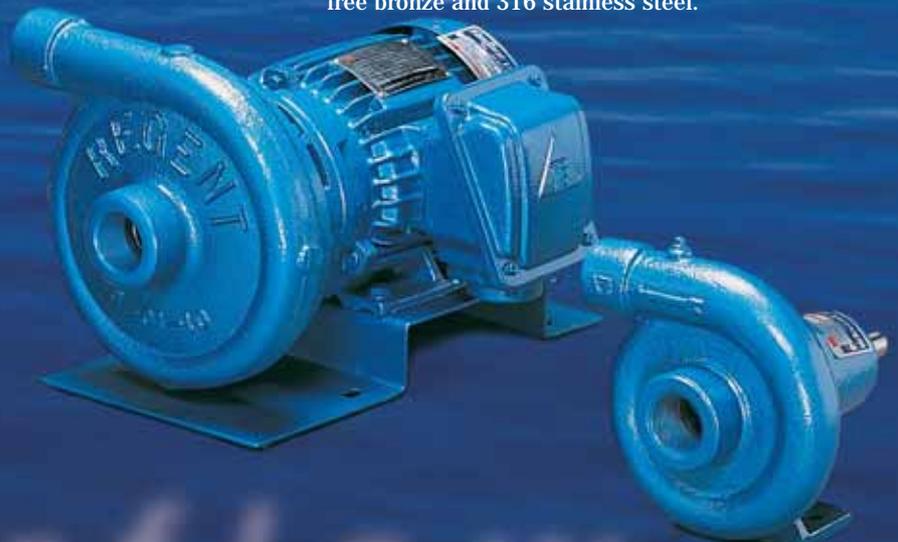
## Applications:

- \* Cooling Towers
- \* Fluid Transfer
- \* Effluent
- \* Machine Cooling
- \* Hot Water Circulation
- \* Industrial Applications
- \* Airconditioning

The compact close-coupled design and rugged construction of Minorflow end-suction pumps make them ideal for use in a multitude of applications where a reliable workhorse is required.

## Materials:

Standard construction is cast iron with a bronze impeller and stainless steel shaft. Options include all cast iron, bronze, zinc-free bronze and 316 stainless steel.



Minorflow

# Regent Majorflow Pumps

Regent Majorflow pumps are Australian Made close coupled end suction centrifugal motor pumps. They are designed for a wide range of applications. They are supplied with non-overloading, totally enclosed fan cooled motors and feature a back pullout design for easy maintenance.

Regent Majorflow pumps feature a radial discharge giving a variety of discharge positions and reducing the need for some pipe fittings. Their radial discharge enables them to be easily used as replacement pumps for other radial discharge models. A mechanical seal is fitted as standard and can resist liquid temperatures up to 120°C. Specific seals can also be fitted for special applications.

These pumps are available in a variety of materials and are engineered to achieve reliable long life performance.

## Design Features:

### TEFC Motor

Electric motors are supplied standard as totally enclosed fan cooled to reduce motor condensation and provide sufficient cooling. Other motor enclosures are available.

### Hi-Temp Seal

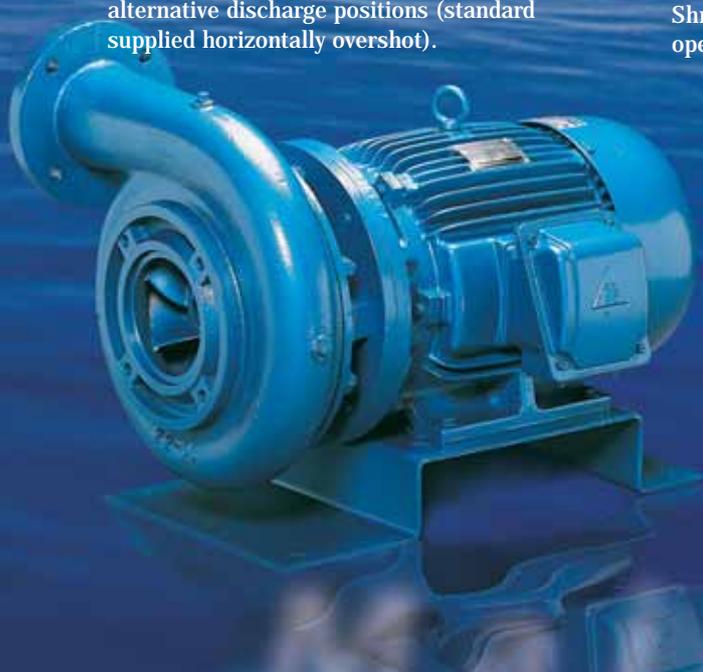
Shaft seal is a seal adjusting mechanical Crane type seal adequate for temperatures to 120°C - special seals may be supplied for special applications and temperatures.

### Back Pull-out Design

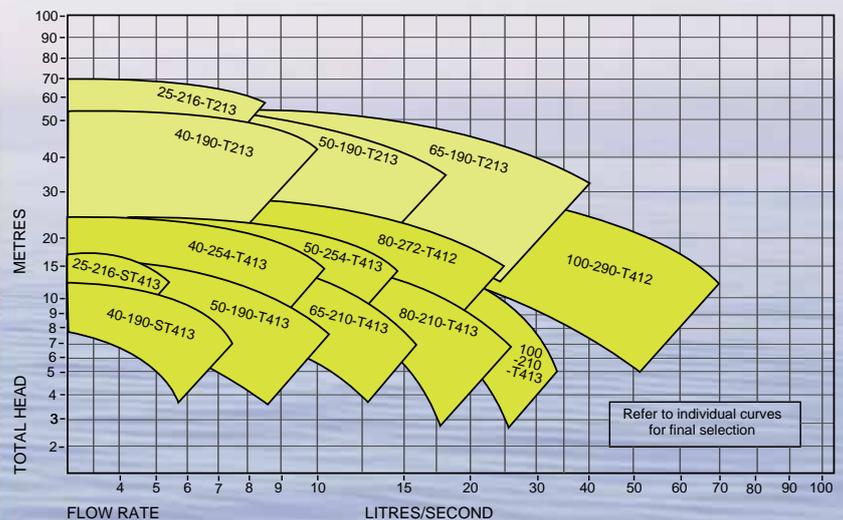
Allows the rotating element to be serviced without disturbing the pipework. Complete rotating element including motor may be withdrawn from rear without disturbing pipework.

### Eight Position Discharge

The casing may be mounted in eight alternative discharge positions (standard supplied horizontally overshot).



## Performance



## Design

Backplate is a cast iron casting of adequate dimensions with machined spigot on mating face to ensure perfect alignment. Shrouded type impeller machined and balanced for smooth operation.

## Materials:

Standard pump casing & backplate: close grained cast iron, Options Available: bronze, zinc free bronze or stainless steel. Impeller: bronze or zinc free bronze, Options Available: cast iron or stainless steel. Shaft: stainless steel. Seal: mechanical - carbon/ceramic mating faces, Options Available: special high temperature seals/seals for various liquids.

## Applications:

- \* Cooling Towers
- \* Effluent
- \* Hot Water Circulation
- \* Fluid Transfer
- \* Machine Cooling
- \* Industrial Applications

# In-line Pumps Minorflow

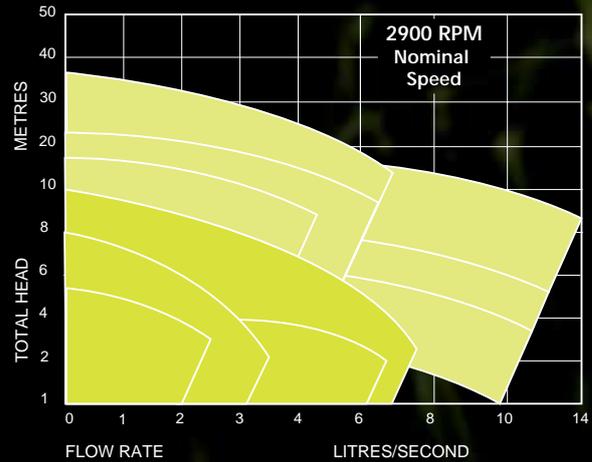
The Regent Minorflow range includes an in-line, close coupled, single stage, centrifugal motor pump. The in-line design makes them perfect for applications where space is limited.

These pumps are an economical solution for small to medium flow applications.

They come standard with a totally enclosed fan cooled, non-overloading motor and feature a back pullout design for easy maintenance.

Regent In-Line Minorflow uses viton seals to handle water temperatures up to 120°C and its stainless steel shaft reduces the chance of corrosion.

## Performance



## Materials:

Standard construction is cast iron with a bronze impeller and stainless steel shaft. Options include all iron, bronze, zinc free bronze and stainless steel.

## Design Features:

### TEFC Motor

Totally enclosed fan cooled non-overloading motors are fitted as standard to provide trouble free operation.

### Hi-Temp Seal

A viton seal is fitted as standard to resist liquid temperatures to 120°C.

### Back Pull-out Design

The complete rotating element including motor may be withdrawn from the rear without disturbing the pipework.

### Compact In-line Design

Allows the pump to be positioned in a straight run of pipe. Being close coupled to the motor Minorflow In-Line Pumps take up a minimum of space.

## Applications:

- \* Primary and Secondary Hot Water Circulation
- \* Machine Cooling
- \* Fluid Transfer
- \* Industrial Applications



## Available From:

## Regent Pumps:

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