

Regent pumps



In-line
Motor Pumps

centrifugal

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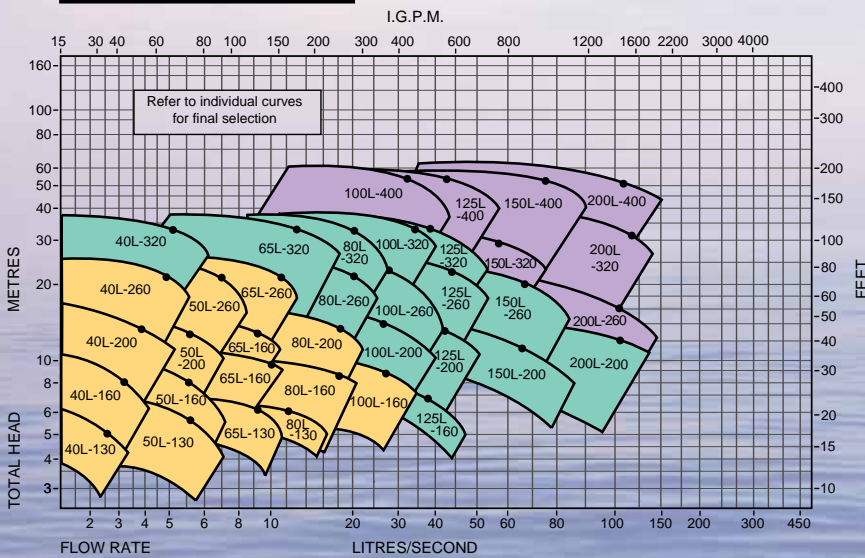
Motor Pumps Linebloc

The Regent Linebloc Pump is an in-line, close coupled, single stage, centrifugal motor pump. These compact pumps are ideal when space is at a premium and you require a high flow at an economical operating cost. It is most commonly used in water movement, however, it is suitable for a broad range of other applications.

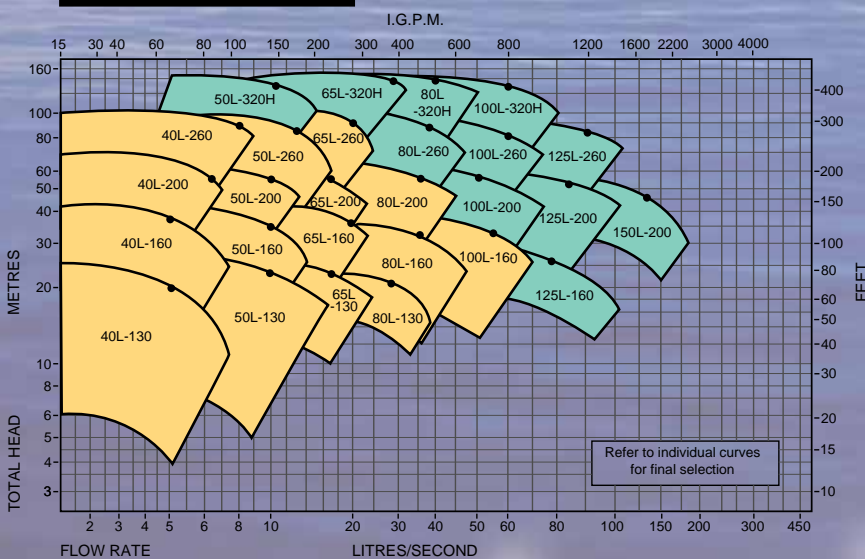
The Linebloc utilises a standard off-the-shelf TEFC foot and flanged motor, however, if necessary special types of motors can be fitted for specific applications. It features a durable cast bronze impeller and is available in a variety of materials.

The Linebloc also features back pull-out which allows for easy maintenance without disturbing the pipework.

1450 RPM



2900 RPM



Design Features:

Standardised Design

The Linebloc In-Line are close coupled versions of the widely recognised Regent Dinflow range which is designed and manufactured to the International Standard DIN 24255.

Operating Temperatures

With standard Mechanical Seal - minus 20°C to 100°C. Mechanical Seals are available for applications outside these limits.

Operating Pressures

Maximum operating pressure 1600kPa.
Maximum test pressure up to 2100kPa.
(Maximum pressure will vary depending on particular pump model - higher ratings available on application).

Maximum Speed

Maximum direct coupled speeds for Linebloc pumps vary between 3600 RPM and 1800 RPM, depending upon pump size.

Back Pull-Out Design

All Linebloc pumps incorporate the "Back Pull-Out" design allowing the removal of the complete rotating element without disturbing the pipework. This feature enables quick and simple maintenance to take place.

Material Options:

Most combinations of: Cast Iron, Bronze, Zinc-free Bronze and Stainless Steel are available for casings and impellers. Other materials and special coatings available upon request.

	Cast Iron	Bronze	Z.F. Bronze	Stainless Steel
Casing	✓	✓	✓	✓
Impeller	✓	✓	✓	✓
Shaft	—	—	—	✓
Shaft Sleeve	—	✓	—	✓
Wear Ring	✓	✓	✓	✓

Interchangeability

Many of the Linebloc components are interchangeable resulting in a reduction in spares requirements, and an initial cost saving.

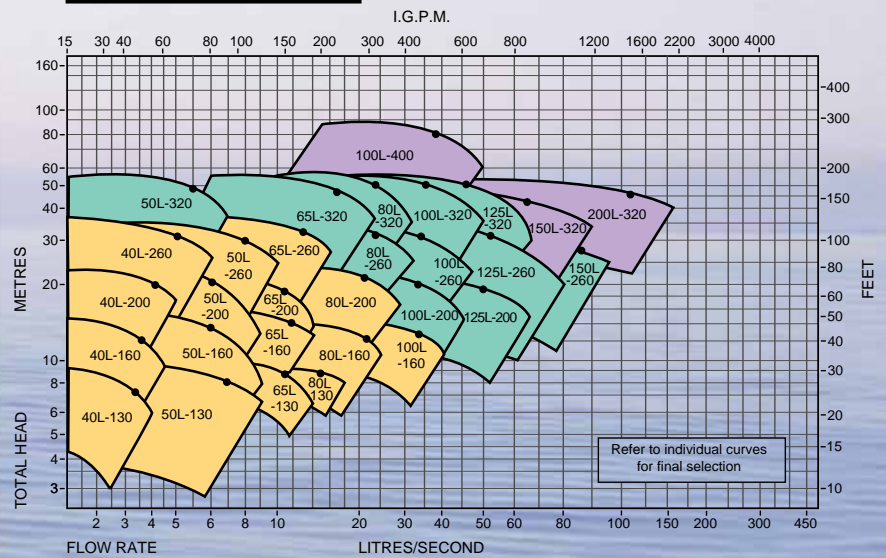
Motor Options

The design of the Linebloc range means that readily available standard electric motors are used. Alternatively, a motor to suit your particular specifications can be fitted where special protection classes and enclosures are required, or to suit a certain power supply (i.e. weatherproof, flameproof, 60Hz).

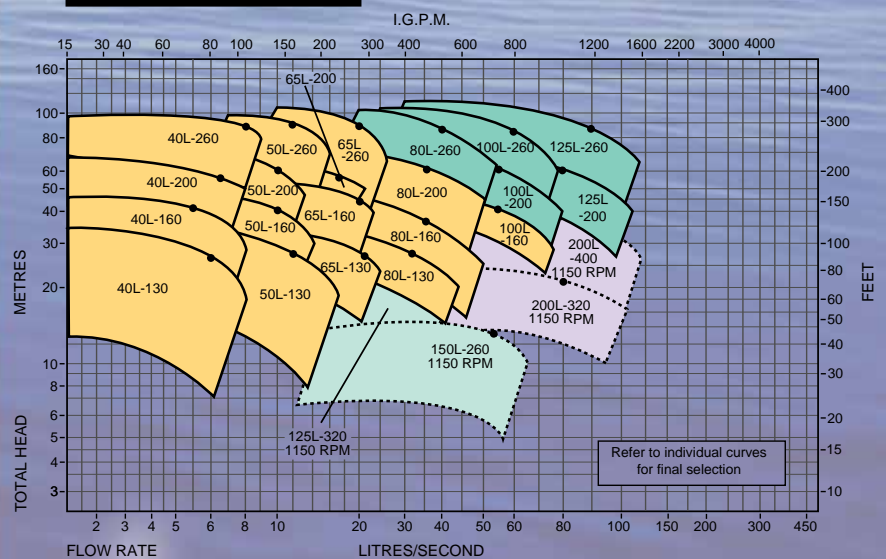
Applications:

- * In-Line Booster
- * Recirculation Systems
- * Heating Water
- * Cooling Water
- * Condensed Water
- * Applications where floor space is limited

1750 RPM



3500 RPM



Entire range is covered by only six stub shafts.

Stainless steel shaft sleeve is fitted under the mechanical seal.

Back pull out feature allows the removal of the motor, support frame and impeller, without disturbing the suction and delivery pipe work or the casing.

Flanged In-line casing.

Each unit has a base mounting capability.

Use of standard motor allows for easy replacement.

Mechanical seal is to the International VDMA Dimension Standard, and incorporates viton fittings for operation on higher temperatures and longer life.

Double shrouded hydraulically balanced impeller with rear balancing vanes on smaller sizes, and balance holes with rear wear ring on larger sizes

Every casing is fitted with a replaceable wear ring.



Available From:

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