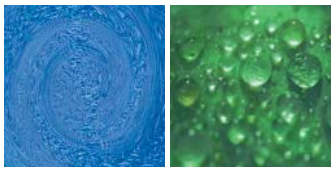
Eurostream – Close Coupled Pumps



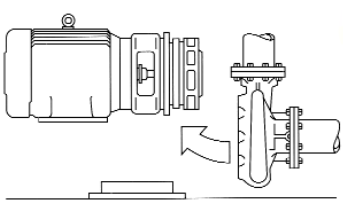
The Eurostream range of pumps provides close coupled versions of the SPP Pumps Unistream which is designed based on the DIN 24255 standard. The range covers 25 pump sizes from 32mm to 125mm discharge affording 190 pump/motor combinations.

The Eurostream's cost effective design promotes space saving and eliminates problems associated with baseplate and coupling alignment leading to lower installation and capital costs.

Other mainline features include **impellers cut to duty** thus saving energy consumption without extending the standard delivery. Eurostream **hydraulic components are interchangeable** with the close coupled Instream and Unistream range, therefore saving stock holding of spare parts within factories or buildings. Special pumps are available conforming to **ATEX standard**.

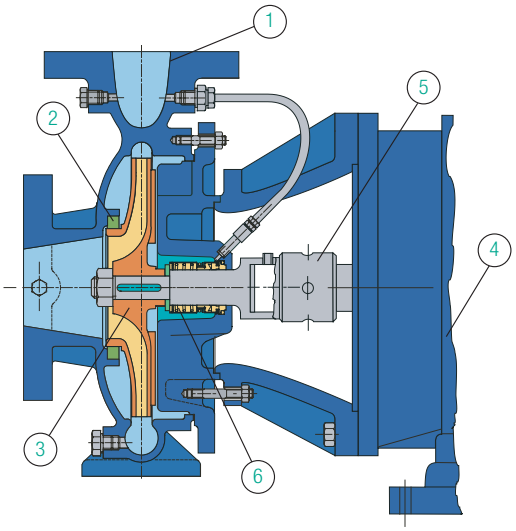
Typical Applications:

- Circulating duties
- Water boosting
- Greenhouse irrigation
- Heating and air conditioning
- Fuel transfer
- Process cooling



Specifications

Standard:	Based on DIN 24255
Pumps Models:	25
Discharge Range Sizes:	32mm to 125mm
Pump/Motor Combinations:	190
Temperature:	120ºC maximum -10ºC minimum
Maximum Capacity:	100l/s
Maximum Differential Head:	100m
Electricity Supply:	50 and 60 Hz
Sealing Options:	Mechanical



Interchangeability

Casing	26
Impellers	26
Mechanical Seal	2
Casing Cover	8
Stub Shaft	20
Support Frame	20

Materials of Construction

	Standard	**Bronze Fitted**
Code	W	Y
Casing	Cast Iron	Cast Iron
Impeller	Cast Iron	Bronze
Wear Ring	Cast Iron	Cast Iron
Stub Shaft*	Solid stainless steel or high tensile steel with stainless steel sleeve	Solid stainless steel or high tensile steel with stainless steel sleeve
Shaft Sleeves	Stainless Steel	Stainless Steel

* Pumps fitted with solid stainless steel shafts as standard are 65/20 – 2 pole, 50/26 – 2 pole, 80/20, 100/20, 65/26, 80/26, 100/26, 125/26, 65/32 and 100/32. Solid stainless steel shafts available for other models.

Stainless steel pump hydraulics available on request.

Design Features

1 Robust cast iron casing and support frames

2 Casing incorporates replaceable wear ring

3 All standard pumps are fitted with high efficiency shell moulded impellers

4 TEFV motors fitted as standard. Other motor options available

5 Unique SPP design taper locking system simplifies fitting stub shafts to standard motors

6 Incorporates mechanical seal to DIN 24960

Design Benefits

- Eurostream uses “off the shelf” standard metric TEFV Flameproof or Drip Proof motors
- Stub shafts fit directly onto standard motor shaft – no drilling or priming required

Cost Effectiveness

- Space saving
- Eliminates the problems of baseplates and coupling alignment
- Lower installation and capital costs

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SPP PUMPS
www.spppumps.com

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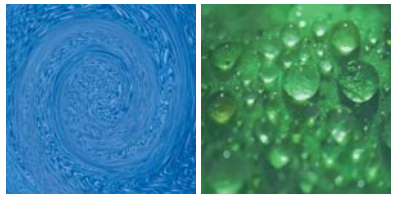
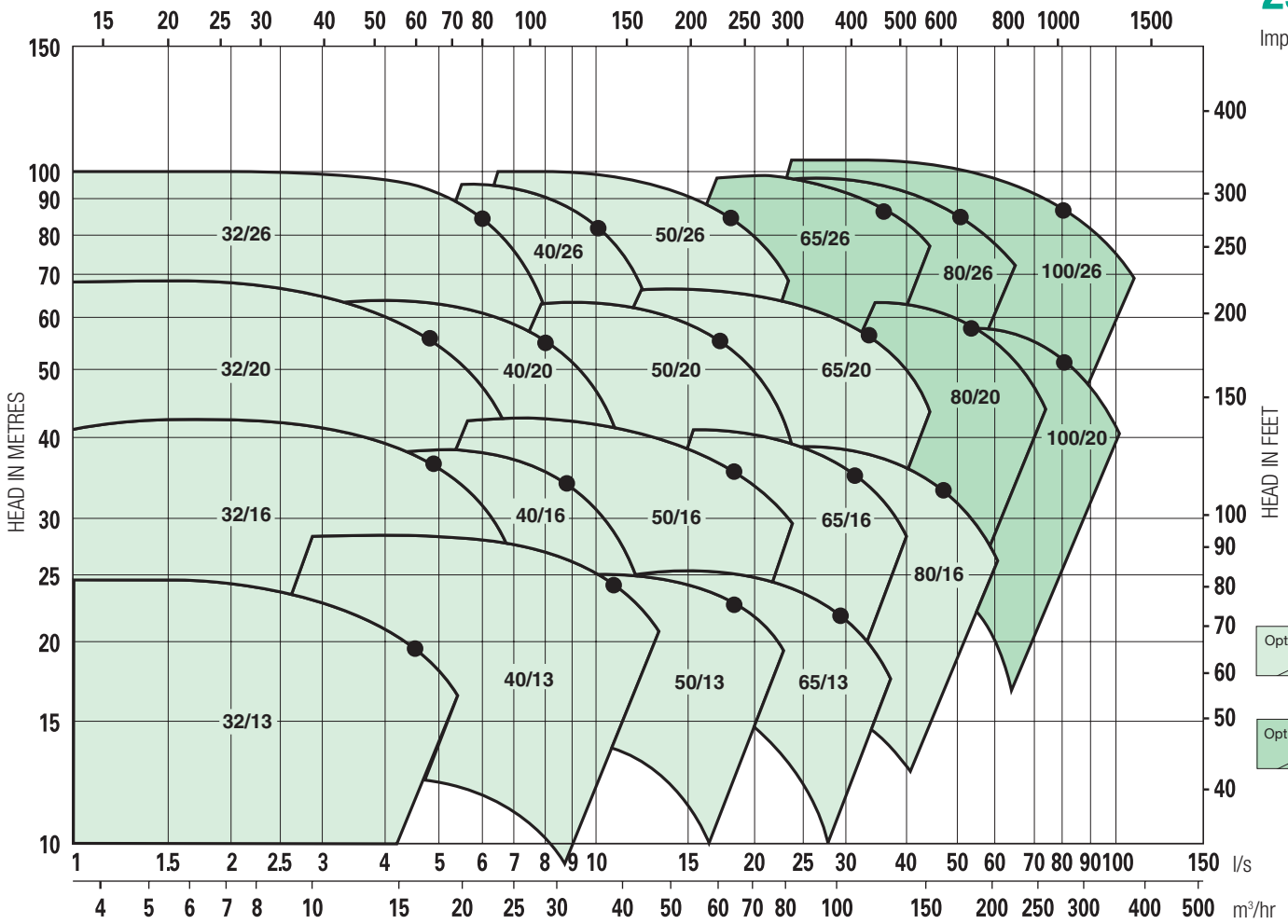
2900 R.P.M.





- Back pull-out facility for ease of maintenance
- Various material options available
- Impellers cut to duty point
- Vast interchangeability of hydraulic components
- Hydraulics used in conjunction with standard shaft extended motors

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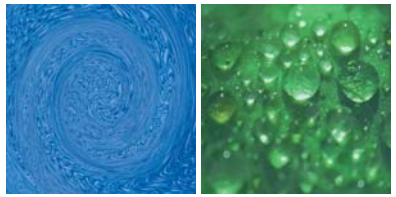

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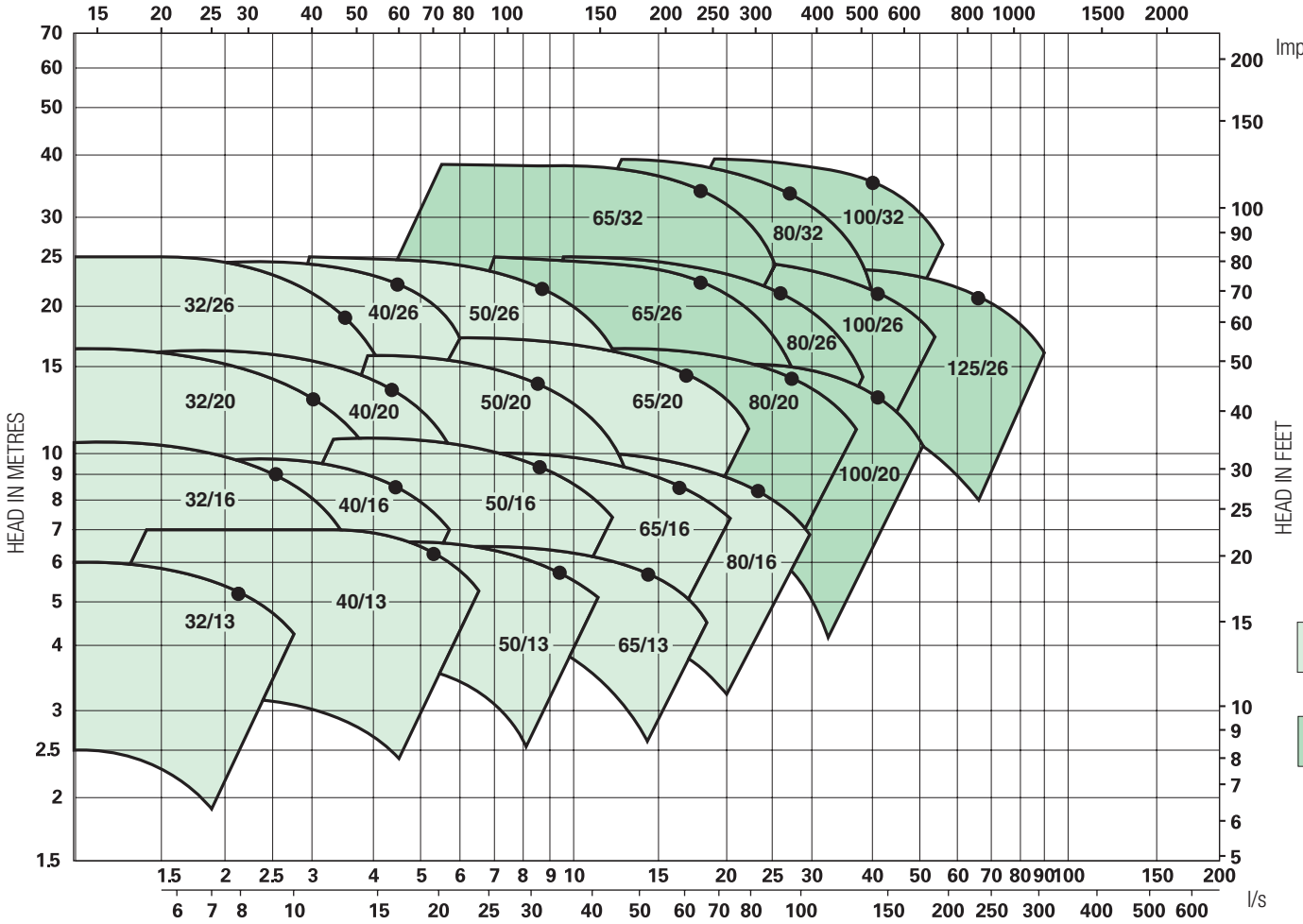

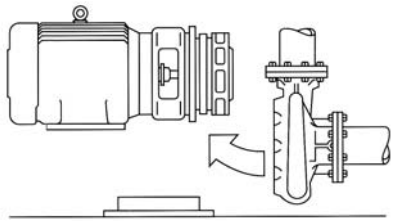

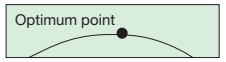

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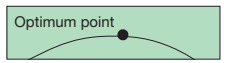

SHAFT MODULE 35

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Issue 1

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