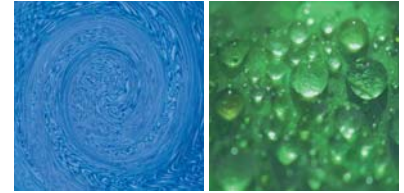


Unistream – Standardised Pumps



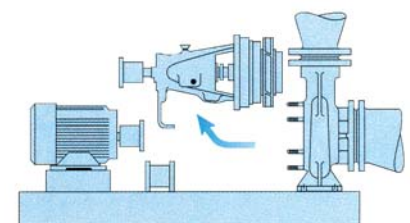
Unistream End Suction Pumps conform to **EN 733/DIN 24255 dimensional standards** for use in industrial, building services and many OEM applications.

This range is designed with a **back-pull out facility** allowing removal of the hydraulic rotating element without disturbance of the pipework or motor.

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

Typical Applications:

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

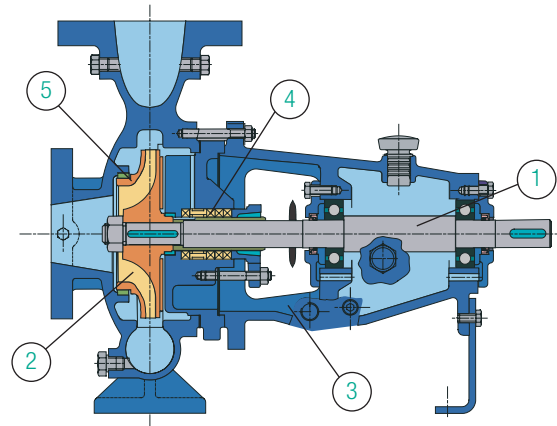


Specifications

Standard:	DIN24255
Pumps Models:	30
Discharge Range Sizes:	32mm to 150mm
Temperature:	105°C as standard 160°C maximum with cooled packed gland -10°C minimum
Maximum Capacity:	150l/s
Maximum Differential Head:	
Head:	100m
Sealing Options:	Soft-packed or mechanical seal
Motors:	TEFV, Flameproof Drip proof can be fitted
Variable Speed:	Controller can be used with all units
Electricity Supply:	50 and 60 Hz

Interchangeability

	Standard Pumps
Volute Casing	30
Impeller	30
Front Casing Wear Ring	9
Back Casing Wear Ring	5
Shaft	3
Shaft Sleeve (soft packed)	3
Shaft Sleeve (mechanical seal)	3
Bearing Housing	4
Casing Cover (soft packed)	10
Casing Cover (mechanical seal)	10
Casing Cover (water cooled)	10
Seal Option (soft packed)	3
Seal Option (mechanical seal)	3
Support Foot	9



Design Features

Back-pull-out facility permits removal of back cover, stuffing box and impeller without disturbance of suction and delivery pipework. Drive motor can also remain in place if a spacer coupling is fitted.

- 1 Shaft carried in oil lubricated rolling contact bearings
- 2 Double shrouded design of impeller with back balancing vanes or, on larger diameters, hydraulically balanced by incorporating replaceable wear rings
- 3 Cast iron bearing housing secured to cover plate and volute.
(Only three sizes cover the entire range)
- 4 Shaft sealing by soft packed gland or mechanical seal each with a stainless steel shaft sleeve. Component or cartridge seals are available as an option. **(Only three sizes cover the entire range)**
- 5 Replaceable wear rings fitted to all volutes

Standard Material Options

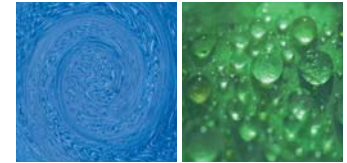
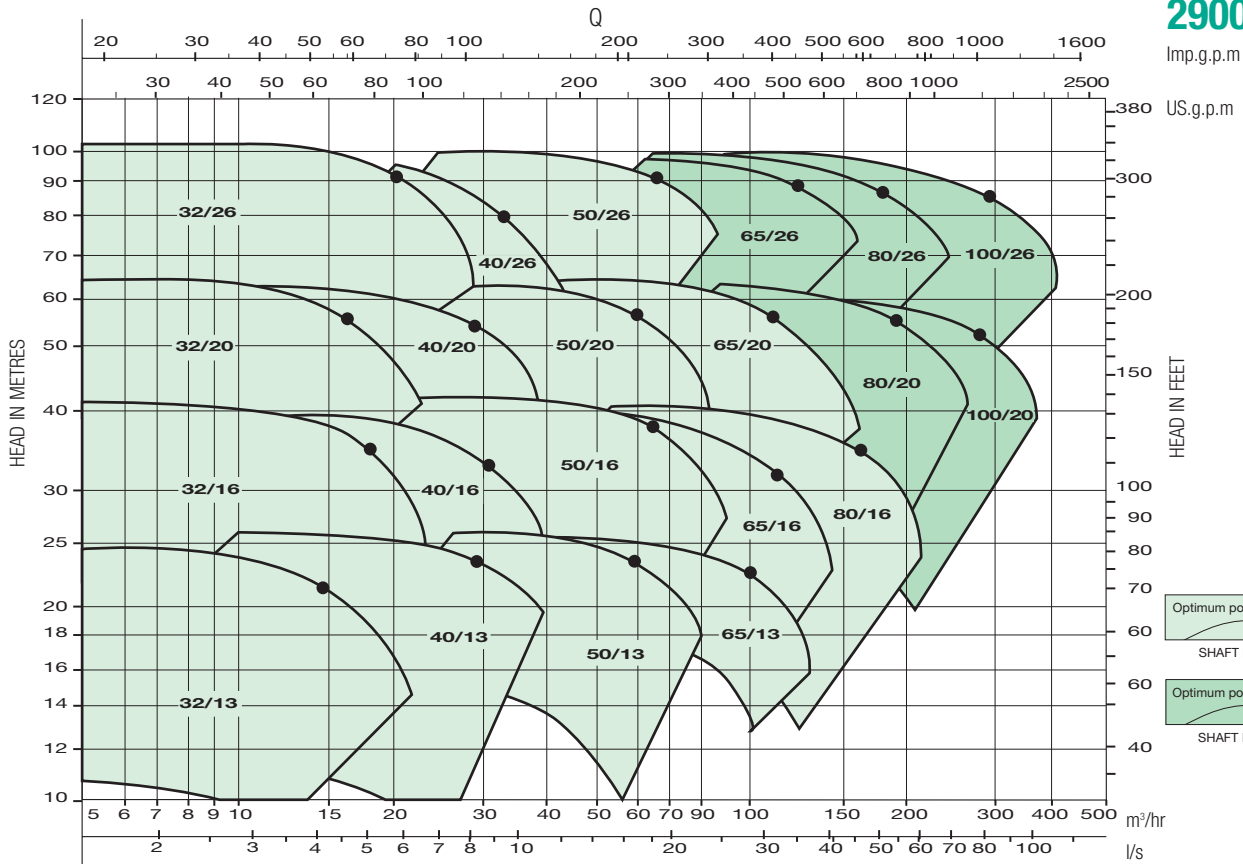
	Code D	Code E
Casing	Cast iron	Cast iron
Impeller	Cast iron	Bronze
Wear Ring	Cast iron	Bronze
Shaft	High tensile steel	High tensile steel
Shaft Sleeve	Stainless steel	Bronze
Lantern Ring	Cast iron	Bronze
Gland	Cast iron	Bronze

Other options include stainless steel shafts and impellers.
Complete stainless steel pumps available on request.

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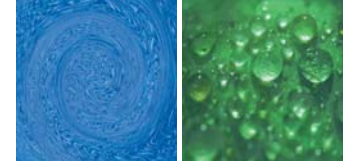


Unistream - Standardised Pumps



- Conform to EN 733/DIN 24255
- Back pull-out facility for ease of maintenance
- Various material options available
- Impellers cut to duty point
- Vast interchangeability of hydraulic components
- ATEX pumpsets can be supplied

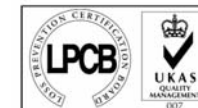
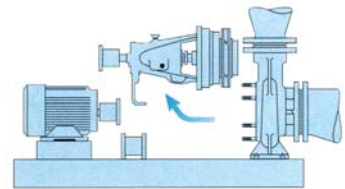
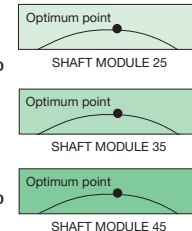
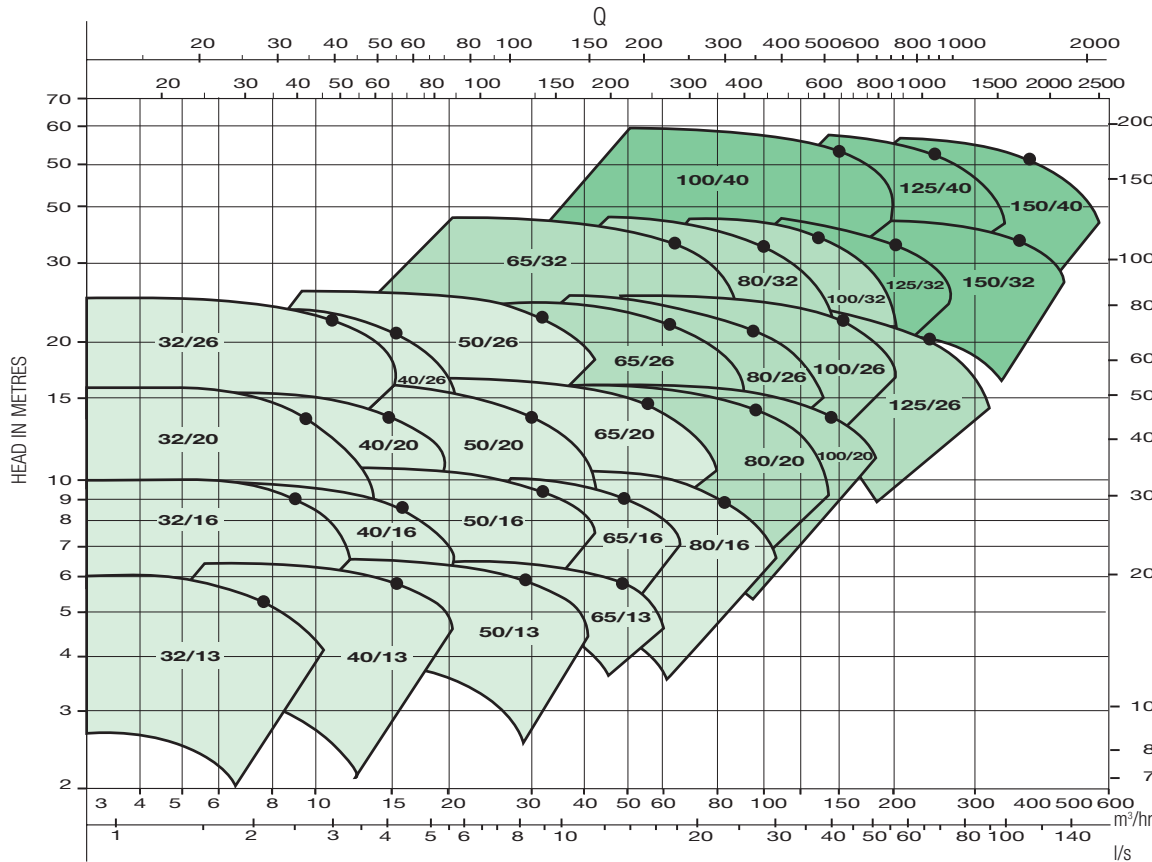
Unistream - Standardised Pumps



1450 R.P.M.

Imp.g.p.m

US.g.p.m



Assessed to ISO 9001:2000
Certificate No. 111



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SPP043-MAY05

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