



# CombiSump

## Vertical long shaft sump pump, according to ISO 2858, EN 733 (DIN 24255), API 610

### Pump characteristics

The CombiSump is part of the Combi-System, a family of different pump types having a high interchangeability in parts.

The CombiSump designed to API 610, ISO 2858 (EN 22858 / DIN 24256) and EN 733 (DIN 24255) is based on the pump casings and impellers of the CombiPro, CombiChem or CombiNorm ranges.

### Applications

The CombiSump is suitable for handling thin, clean or slightly contaminated liquids, such as water, cooling water, effluent, cleaning products, chemicals and hydrocarbons.

### Pump specifics

- Standardized and modular design
- The discharge connection can be arranged vertically facing upwards or with 90°C bend on one side
- Standard shaft sealing by means of an oil seal, gas tightening option by mechanical seal or stuffing box packing
- Ceramic slide bearings liquid
- Discharge flange according to ISO 7005 PN 16, PN 20, PN 50 or ANSI B16.5 150lbs, 300lbs
- Baseplate can be adjusted to the sump dimensions
- API 610 execution on request

### Technical data

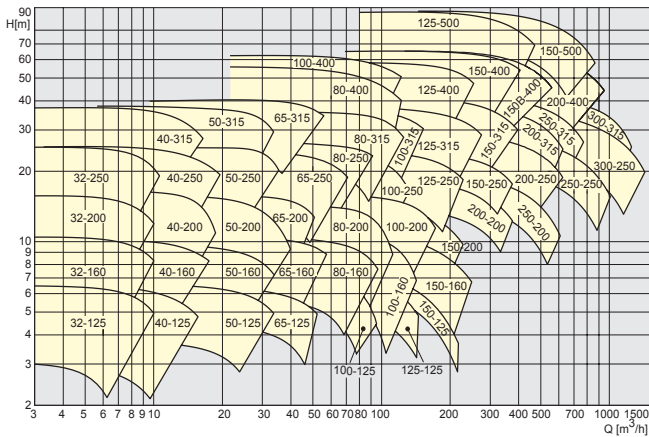
Maximum capacity:	1500 m <sup>3</sup> /h
Maximum delivery head:	160 m
Maximum liquid temperature:	160°C
Maximum speed:	3600 rpm
Maximum operating pressure:	up to 16(35) bar

Parts	Standard available materials		
	Pump casing	stainless steel	cast steel
Impeller	stainless steel	bronze	cast iron
Shaft	stainless steel	bearing group 4: steel	
Stand pipe	stainless steel	steel	
Delivery pipe	stainless steel	steel	
Slide bearings	SiC-SiC		

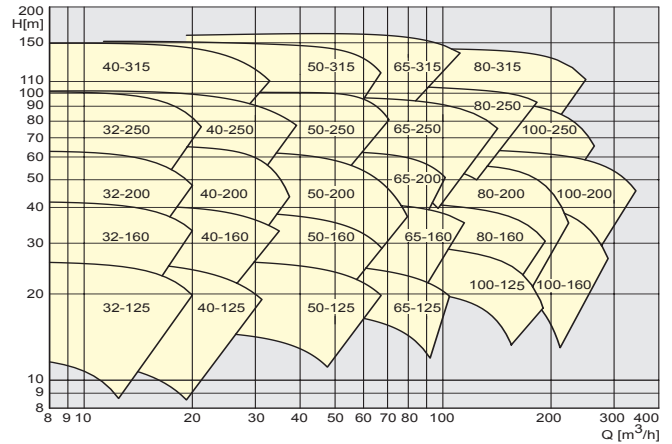
*Alternative materials according to customer specifications*

# Performance data

$n_{nom} = 1500 \text{ rpm}$



$n_{nom} = 3000 \text{ rpm}$



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