

Cooling circuit pump



Applications

Pump for handling toxic, volatile or valuable fluids in environmental and industrial engineering and for use as a coolant pump in power converter cooling systems.

- Means of transport
- Environmental engineering
- Industrial engineering
- Wherever low noise emission, smooth running or long service intervals are required

Design

- Volute casing pump
- Back pull-out design
- Horizontal/vertical installation

Meets the requirements of technical specification
TS 50537-3

Drive

- Three-phase asynchronous canned motor
- Fully enclosed canned motor

Designation

Example: Etaseco RVP-S 32 - 125.2/12RH

Code	Description
Etaseco RVP (short: ESO RVP)	Type series
S	Pump casing material
32	Nominal discharge nozzle diameter [mm]
125	Nominal impeller diameter [mm]
.2	Hydraulic system optimised for low flow
1	Rated motor power in kW (rounded off to full kW)
2	Number of motor poles
R	Design status
H or F	Thermal class

Operating data

Technical data

Size		32-125.2
50 Hz	Flow rate	Up to 19 m ³ /h
	Head	Up to 25 m
60 Hz	Flow rate	Up to 23 m ³ /h
	Head	Up to 35 m
Nominal pressure		10 bar
Fluid temperature		-40°C to +85°C
Drilled flanges (ISO 6162-1)		SAE 2"
Enclosure to IEC 34-5 (VDE 0530)		IP 66
Mode of operation to IEC 34-1 (VDE 0530)		S1

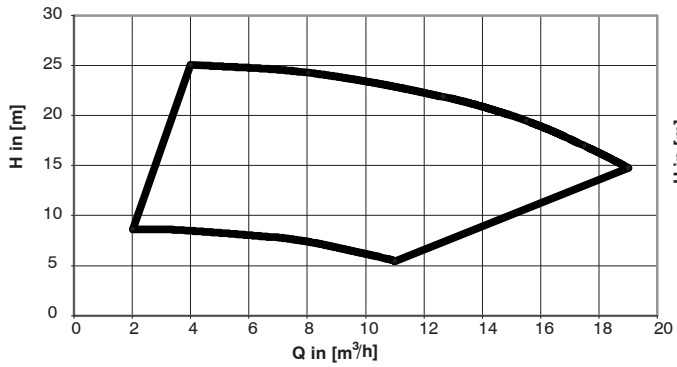
Certification

Certified quality management ISO 9001.

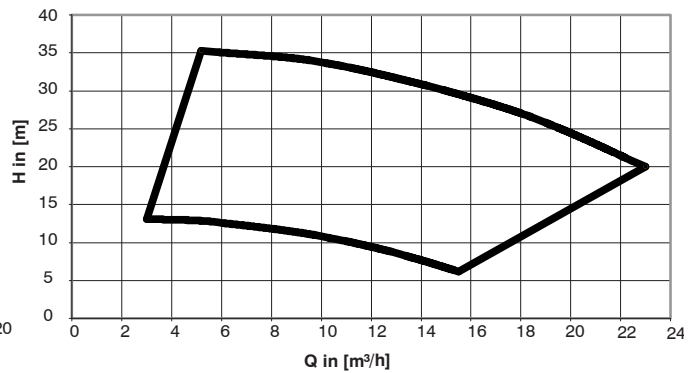
Selection charts

32-125.2

H/Q diagram 50 Hz



H/Q diagram 60 Hz



Modular pump/motor design system

Motor code	Size
	32-125.2
12RF	X
12RH	X

Materials

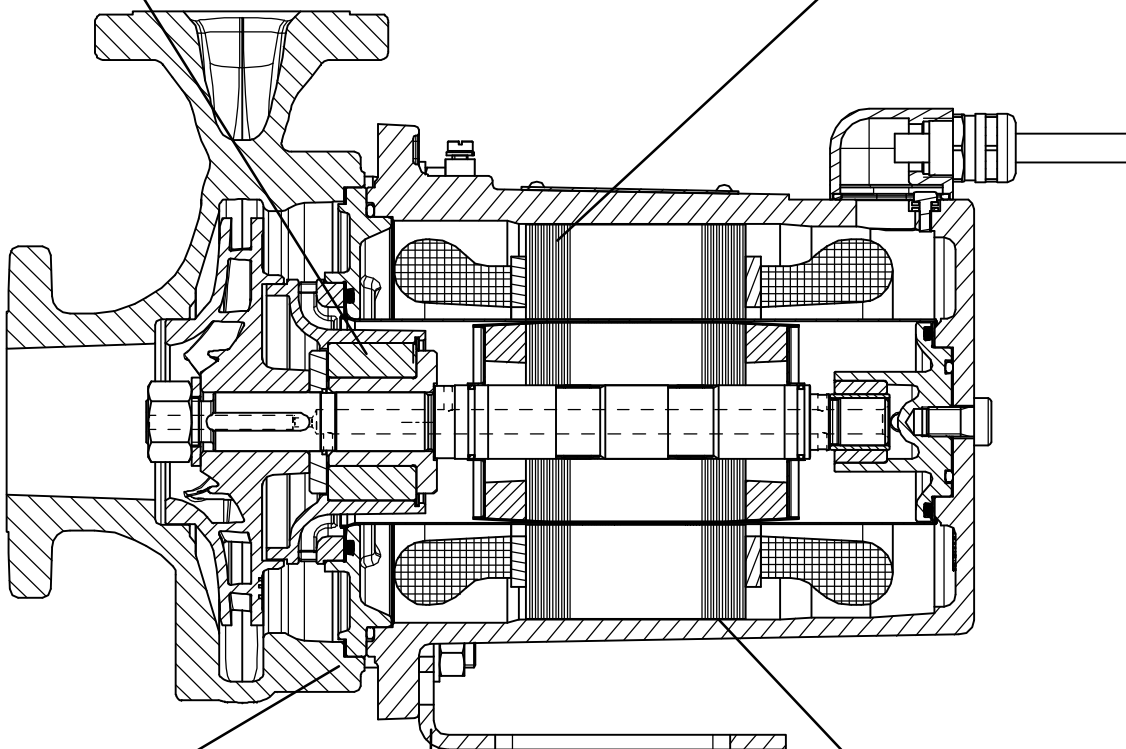
Component	Material
Volute casing	Nodular cast iron JS 1025
Discharge cover	Stainless cast steel
Impeller	Grey cast iron JL 1040
Bearing bracket	Stainless cast steel
O-ring	EPDM
Bearings	Carbon/stainless steel
Can	1.4571
Shaft	Stainless steel

For your notes

Benefits at a glance

Reliable
High-quality materials

Long service life
Designed to the latest standards and specifications



Lightweight
Optimal combination of components for each application

Flexible
Horizontal and vertical installation

Space saving
Compact design

Subject to technical modification without prior notice.

15.04.2010

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