

Etaseco RVP – Cooling Circuit Pump with Canned Motor



Applications:

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

More information:

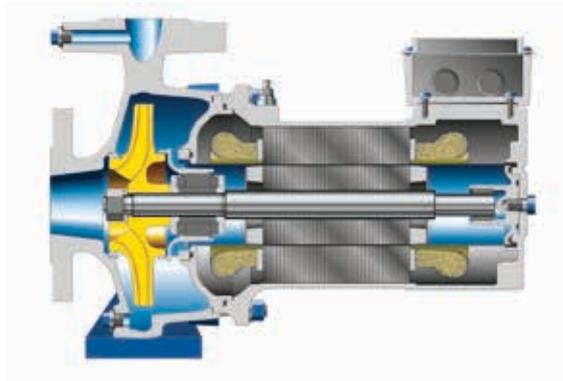
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Variants of Etaseco RVP canned motor pumps for different customer requirements

Etaseco RVP –

Cooling Circuit Pump with Canned Motor



Etaseco RVP canned motor pump for long service life and reliable operation

Optimised

- Tailored to the technical requirements of the railway industry, in wind energy applications and industrial applications
- Motor rating up to 3.4 kW (at a fluid temperature of 40 °C)
- Compact, light-weight design
- Long service life and reliable operation, reduced need for maintenance (maintenance-free in some cases)

Flexible

- Made of nodular cast iron or stainless steel as standard
- Electrical connection: version with cable, terminal box or bulkhead housing for external plugs
- Flange design to DIN EN or drilled to ISO (SAE) as standard

Versatile

- 7 hydraulic system sizes make for a wide performance range
- Nominal pressure: PN10 or PN16
- PTC thermistor in the winding for motor protection available
- Increased corrosion protection: cathodic electrocoating as standard
- Temperature range: -50 °C to +110 °C
- Ambient temperature range: -50 °C to +85 °C

Efficient

Designed to the latest standards and specifications, and based on extensive experience (more than 100,000 Etaseco pumps sold)

Meets the TS 50537-3 technical specification and the fire protection requirements as per EN 45545-2

Materials

Volute casing	EN-GJS-400-18-LT + CATAPHORESE, 1.4408 / A473GRCF8M
Discharge cover	GP240GH + N + CATAPHORESE / 1.4571
Impeller	EN-GJL-250 + CATAPHORESE, 1.4408 / A473GRCF8M
Bearing bracket	1.4408
O-ring	FPM, EPDM
Bearings	Carbon, SiC
Can	1.4571
Shaft	1.4021

Technical data of RVP (extended range covered by Etaseco)

Sizes	032-032-160, 040-025-160, 050-032-125, 050-032-125.1, 050-032-125.2, 050-032-160, 050-032-160.1, 065-040-125	
50 Hz (3.4 kW)	Flow rate	Up to 44 m ³ /h
	Head	Up to 40 m
60 Hz (4 kW)	Flow rate	Up to 56 m ³ /h
	Head	Up to 58 m
Nominal pressure	Up to PN16	
Fluid temperature	-50 °C to +110 °C	
DIN EN 1092-1 / 1092-2 flanges optionally drilled to SAE (ISO6162-1)		
Enclosure to IEC 34-5 (VDE 0530)	IP65, IP66	
Mode of operation to IEC 34-1 (VDE 0530)	S1	



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