

**Pump**

RV pump are kind of non-self priming vertical multistage centrifugal pump, the pump are available with standard motor, the inlet and outlet are located at the pump bottom. All pumps are equipped with a maintenance-free mechanical seal set.

**Motor**

RV pump are fitted with a totally enclosed fancooled, 2-pole standard motor, from 0.3kw to 45kw. RV offer pumps fitted with 3phase motor 380-415v and single phase motor 220-240v. RV offer pumps fitted with 50HZ motor and 60HZ motor.

**Motor Protection**

Single Phase motor have a built-in thermal overload switch. Three phase motor must be connected to a motor starter in accordance with local regulation.

**Ambient Temperature**

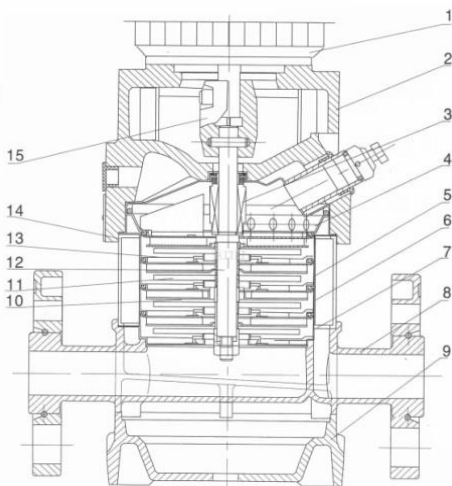
Maximum +40C, if the ambient temperature exceed the +40C or the motor located more than 1000 meters above the sea level, the motor output (P2) must be reduced due to the low cooling effect of the air.

**Model Explanation**

Example: RV 4-10-A-F-G-E-HQQE

- RV- Type range
- 4- Nominal flow m3/hr
- 10- Number of impellers
- A- Code for pump version
- F- Code for pipe connection
- G- Code for materials
- E- Code for rubber parts
- HQQE- Code for shaft seal

**Sectional Drawing**



**Material**

NO	DESCRIPTION	MATERIAL	EN/DIN
1	MOTOR		
2	PUMP HEAD	CAST IRON/S.S	EN-JL1030
3	MECHANICAL SEAL		
4	OUTLET	S.S	1.4301
5	SLEEVE	S.S	1.4301
6	SETTLED COVER	S.S	1.4301
7	OUTER SLEEVE	S.S	1.4301
8	PUMP BODY	CAST IRON/S.S	EN-JL1030/1.4301
9	BOTTOM BASE	CAST IRON	EN-JL1030
10	SHAFT SLEEVE	S.S	1.4301
11	IMEPELLER	S.S	1.4301
12	SHAFT	S.S	1.4507
13	HYDRAULIC STAK	S.S	1.4301
14	O-RING	EPDM/FKM	