

ROTOR PUMP



• High flow rate capability from 1000 to 100000 l/min depending on the rotor design. Flow is constant over the operational range. The pump maintains flow up to 100% of the operational maximum pressure range.

• Low viscosity

An optional low viscosity version will tolerate low viscosity materials as low as 10 cP and will tolerate vapors.

Low viscosity materials (20 cP and lower) require a special rotor design.

Recovery stage made of steel. Available with an end-user option with the flow of the rotor design.

High flow rate of the rotor design. Some flow rates are available for the pump. The pump is available in a range of sizes and configurations.

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• Applications



• Biotechnology

• Laboratory

• Water treatment

• Chemical industry

• Food processing

• Pharmaceutical

• Chemical industry

• Laboratory

• Typical rotors and application features



• Standard rotor

Standard rotor design. The rotor is designed to operate at 100% of the operational maximum pressure range.



• High viscosity rotor

The rotor is designed to operate at 100% of the operational maximum pressure range. The rotor is designed to operate at 100% of the operational maximum pressure range.



• Low viscosity rotor

Low viscosity rotor design. The rotor is designed to operate at 100% of the operational maximum pressure range.



• High flow rate rotor

High flow rate rotor design. The rotor is designed to operate at 100% of the operational maximum pressure range. The rotor is designed to operate at 100% of the operational maximum pressure range.



• High flow rate rotor

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■ Driving system



- **Motorized gear drive**
The motor is connected to the gear drive via a belt drive. The motor is connected to the gear drive via a belt drive. The motor is connected to the gear drive via a belt drive.



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■ Main Features

Model	HP	Flow (L/min)	Pressure (psi/bar)	Maximum pressure (psi/bar)	Capacity (L/min)	Flow (L/min)	Weight (kg)	Dimensions (mm)
RP1	1/4	10.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP2	1/2	20.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP3	3/4	30.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP4	1.0	40.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP5	1.5	60.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP6	2.0	80.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP7	3.0	120.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP8	4.0	160.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP9	5.0	200.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP10	6.0	240.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP11	8.0	320.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100
RP12	10.0	400.0	10.0/0.7	15.0/1.0	1.0	1.0	1.0	100x100x100

1. High pressure and high flow rate.
2. Compact design and easy to install.
3. Low noise and vibration.
4. High efficiency and low power consumption.
5. Wide range of models to meet various requirements.
6. Long service life.

■ Performance Data



100
100

