



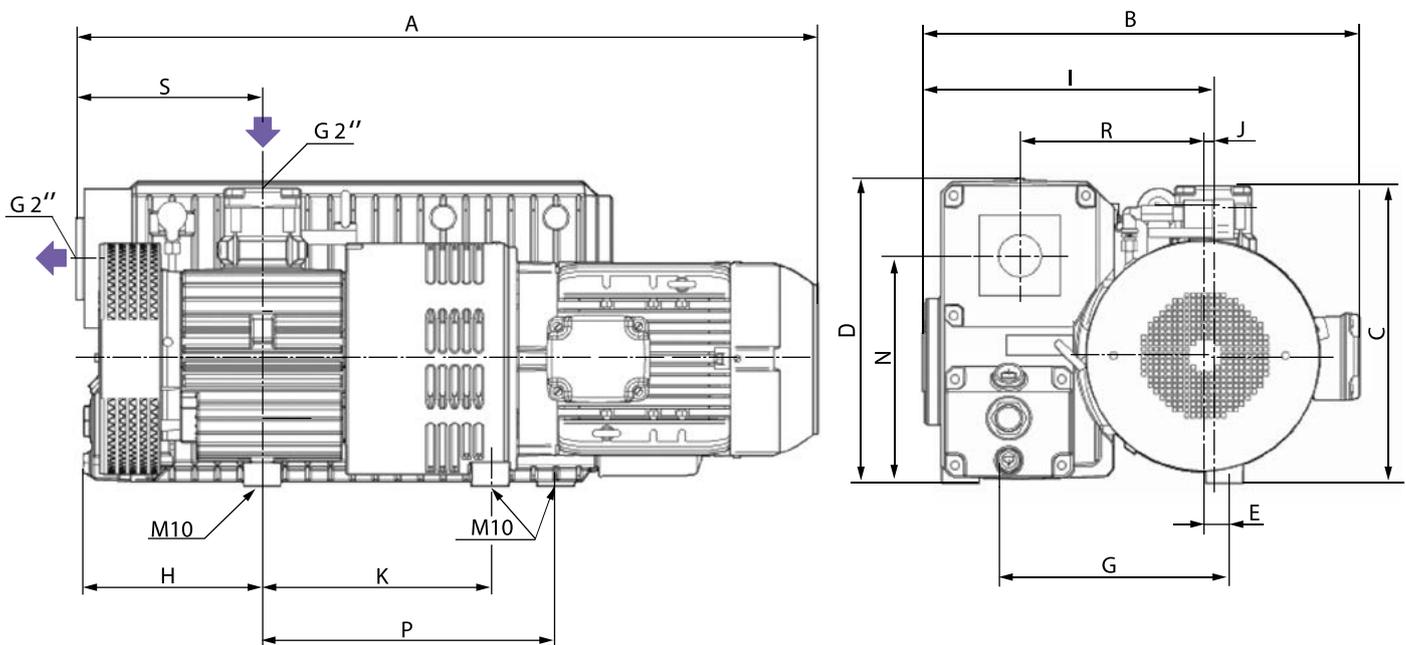
## TECHNICAL PARAMETERS

Nominal capacity, m <sup>3</sup> /h	300
Ultimate vacuum, mbar abs.	0,5
Water vapour pumping capacity, kg/h	5
Oil capacity, l	6,5
Rotation speed, rpm	1450
Electric motor characteristics	IM B5 230/400 B ±10%, 50 Hz
Motor power, kW	7,5
Sound pressure level, dB(A)	74
Total weight, kg	195

Single-stage rotary vane oil-lubricated vacuum pumps of the **RVL series** are designed for pumping air, vapors and steam-gas mixtures.

The pumps are highly reliable, easy to operate and provide stable vacuum during continuous operation. They are most often used in the food industry, woodworking, vacuum packaging and central vacuum units in medicine.

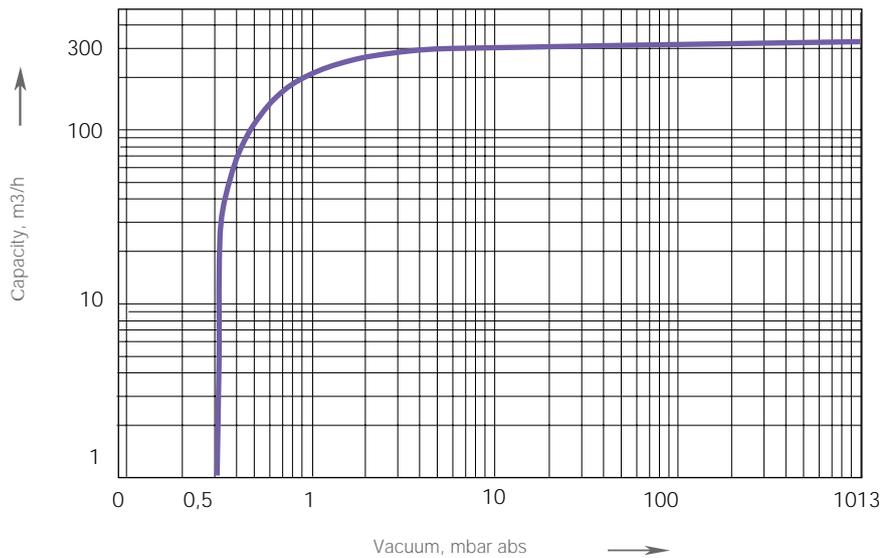
Pumps of this type are used in technological processes of the chemical industry, in the production of composite materials, cable products, as well as backing pumps in hybrid vacuum units with Roots pumps.



A	B	C	D	E	G	H
1075	565	421	418	31	350	323
I	J	K	N	P	R	S
382	16	303	315	390	240	300

All dimensions in the drawings are indicated in mm

**PUMPING CURVE**



The presented characteristics are valid for dry air at temperatures up to 40 °C and an atmospheric pressure of 1013 mbar abs. Tolerance of the characteristics is  $\pm 10\%$ .

**ADVANTAGES OF RVL PUMPS**



**Compact design**

allows easy integration of RVL vacuum pumps into machines



**Highly efficient oil separator**

ensures that the air coming out of the pump is clean from oil particles and droplets



**Working 24/7**

the pumps are designed for continuous operation 24 hours a day, 7 days a week



**Built-in check valve**

protects the pump when multiple pumps are running at the same time. Prevents oil from being carried away when the pump is switched off

**VACUUM FILTERS**

Air filters are used to protect the internal parts of pumps from dust and solid mechanical particles contained in the environment of the enterprise.

Model	FG 300
Inlet capacity, m³/h	300
Filtration degree, microns	5
Connection	G 2"

