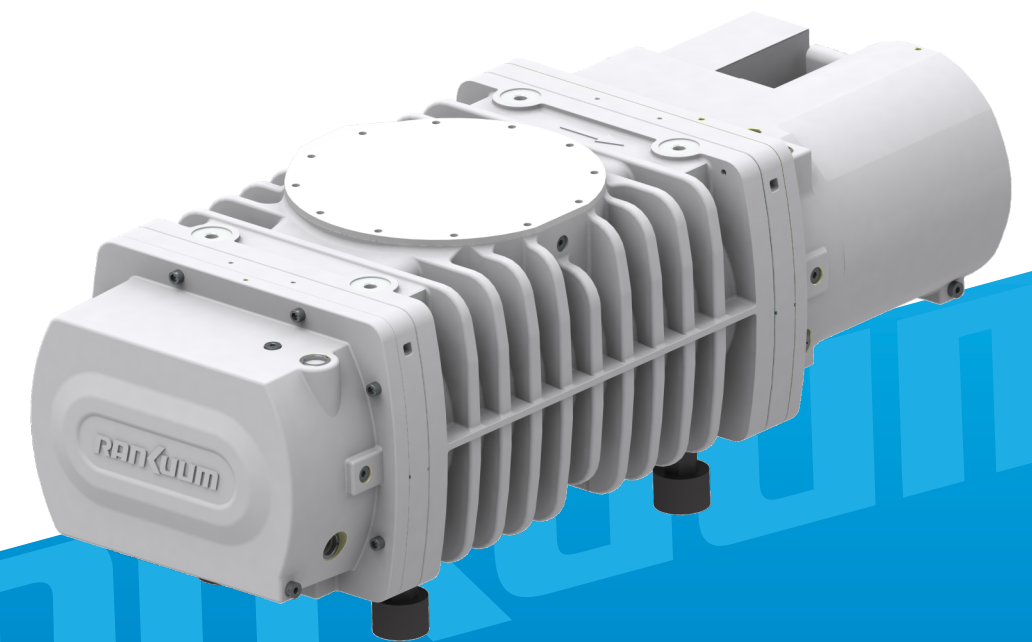


RANKUUM[®]



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成都南光机器有限公司

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Chengdu Rankuum Machinery Ltd.

RS- 7000i 罗茨真空泵

RS- 7000i Roots vacuum pump



产品简介 | Product Introduction

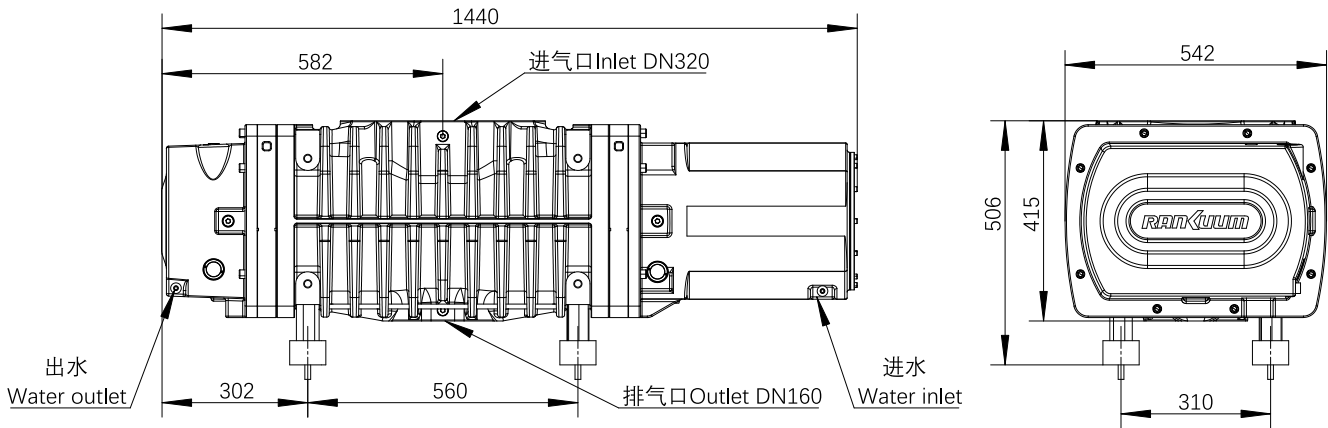
RS- 7000i罗茨真空泵具有极高的抽气速率，可搭配多种前级泵使用。整体采用全密封结构，适用于抽取各种有害气体。可搭配变频器使用，具有高效率 and 节能性。

RS- 7000i Roots vacuum pump has a very high pumping rate and can be used with a variety of backing vacuum pumps. The whole structure is fully sealed, suitable for pumping various of harmful gases. It can be used with inverter motor, with high efficiency and energy saving.

产品特点 | Product Features

- 采用环氧树脂灌封电机，取消传统轴封，杜绝漏油风险;
Using epoxy resin sealed motor, cancel the traditional shaft seal, eliminate the risk of oil leakage;
- 电机和齿轮箱均为水冷，能平衡泵体内部温度，降低油温，延长润滑油使用寿命，提升散热效率;
The motor and gearbox are water cooled, which can balance the internal temperature of the pump body, reduce oil temperature, prolong the service life of lubricating oil and improve heat dissipation efficiency;
- 水冷电机允许极高的电机负载，避免电机温度过高;
Water cooled motor allows very high motor load, avoid motor temperature from rising too high;
- 泵可以搭载变频器使用，使泵可以在大气压下启动，并在真空度下降时提高转速，减少抽气时间，同时拥有极低的能耗;
The pump can be equipped with a frequency converter, so that the pump can be started under atmospheric pressure, and increase the speed when the vacuum drops, reduce the pumping time, and at the same time, it has very low energy consumption;
- 产品安装方式可以同时兼顾水平安装或垂直安装，可满足客户现场不同的安装使用要求;
The installation mode of the product can be horizontal or vertical , which can meet the different installation and use requirements of customers ;
- 先进的轴封结构可延长泵维护周期 Advanced shaft seal structure can extend pump maintenance cycle
- 运转时的振动小、噪声低; Small vibration and low noise during operation;
- 可通过I/O接口和RS485接口(Moudbus协议) 实现远程控制和监控功能
Remote control and monitoring functions can be realized through I/O interface and RS485 interface (Moudbus protocol)

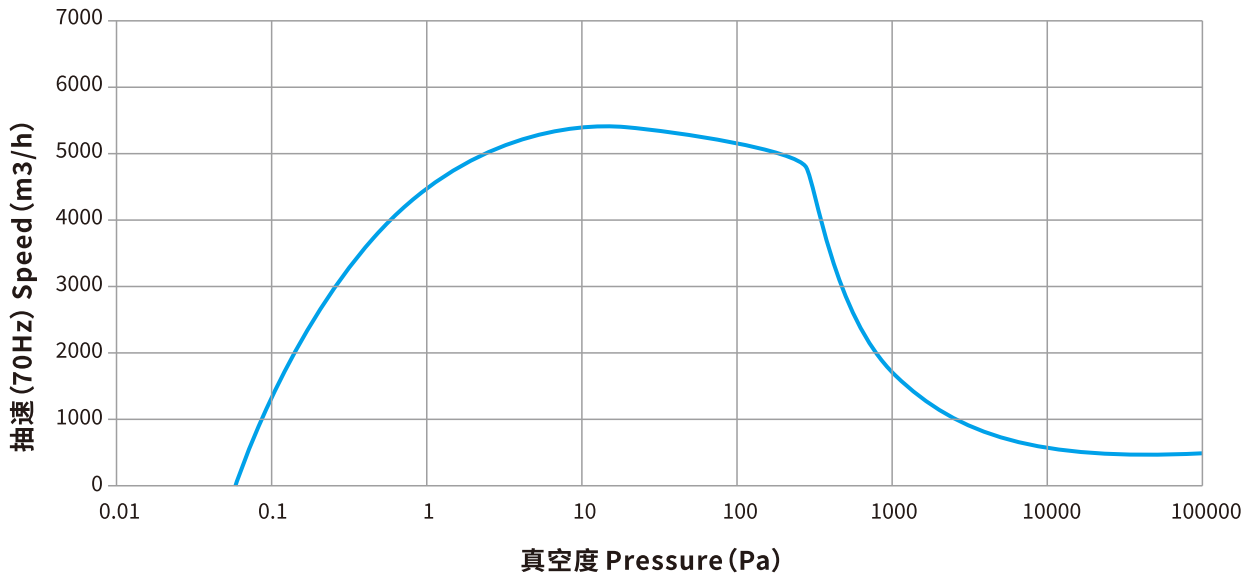
外形尺寸及接口 | Dimensions



技术参数 | Technical data

项目 Project		单位Unit	技术参数 Technical parameter		
电气 Electrical	电源电压 Voltage	-	380V 50Hz 3P+G		
	功率 Power	kW	11/18.5		
冷却水 Cooling water	压力 Pressure	bar	2-10		
	流量 Rate of flow	slm	3-5		
	温度 Temperature	°C	10-25		
	进水 Water inlet	-	G1/2		
	出水 Water outlet	-	G1/2		
入口法兰 Inlet flange		-	DN320		
出口法兰 Outlet flange		-	DN160		
运行频率 Running frequency		Hz	50	60	70
理论抽气速率 Theoretical pumping speed		m³/h	7000	8400	9800
最大允许压差 Maximum allowable pressure differential		Pa	3000	2100	1400
加油量 Fuel charge		L	5		
重量 Weidht		kg	650		
尺寸 Size(L×W×H)		mm	1440×540×415		
噪音 Noise		dB	<75		

抽速曲线 | Pumping speed Curve(SP)



前级泵：南光SCL-630i