

VSP80 Dry Screw Pump



High Reliability Screw Pump

Customized wire variable pitch design for greater efficiency and reliability

Water-cooled design, intelligent temperature control

Anti-corrosion treatment ensures durable and reliable performance

Optional Accessories

• Pressure sensors



• Thermal Mass
Flow Meters



• Temperature
sensor



• Water flow meter

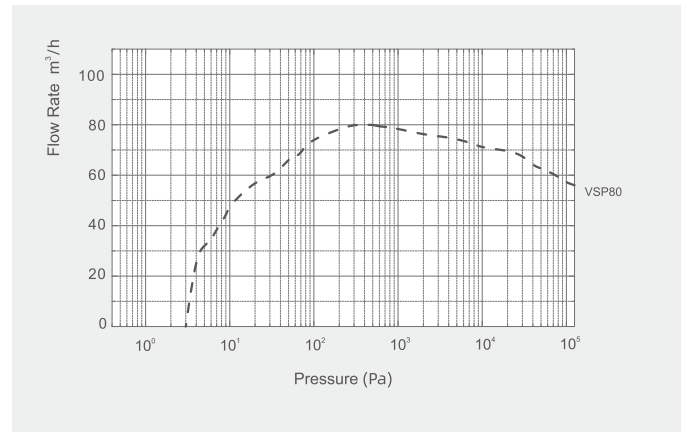
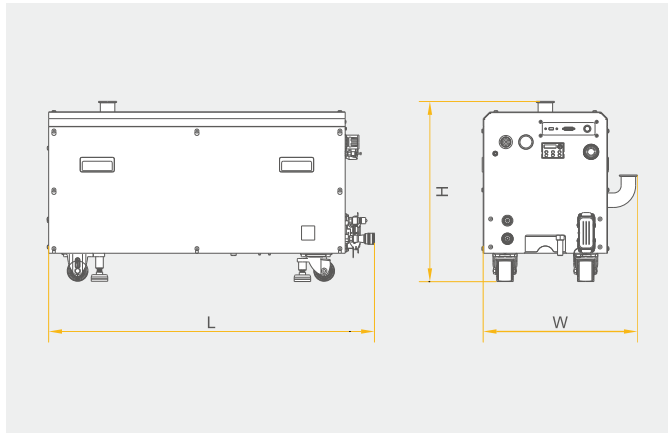


• Silencers



VSP80

Dry Screw Pump



Technical Parameters

Model			VSP80
Peak pumping speed		m³/h	80
		L/min	1330
		CFM	47
Ultimate vacuum		Pa	1
		Torr	7.5×10⁻³
		mbar	1×10⁻²
Gas purge	Dry nitrogen/Dry compressed air	slm	0 ~ 190
	Pressure	Mpa	0.1 ~ 0.2
	Purge gas Inlet connection		One-touch fitting φ6 tube
Motor rating		kW	3
Current at ultimate pressure		A	2.8
Heavy duty peak current		A	4
Control			PID functions
			Analogue speed control
			Parallel control and monitoring: Digital and modbus-rtu control
			Serial communication: MODBUS-RTU
Inlet DN			KF40
Exhaust DN			KF40
Max water vapor pumping rate		g/h	800
Weight		kg	209
Noise level		dB(A)	≤65
Operating temperature range (storage)		°C	5 ~ 40
Cooling mode			Water cooling
cooling water	Minimum flow	L/min	3~7
	Temperature	°C	15~30
Dimensions(L*W*H)		mm	989×468×551

*It is recommended to use VALUE vacuum pump special oil, using other brands of oil, not in the VALUE warranty coverage.