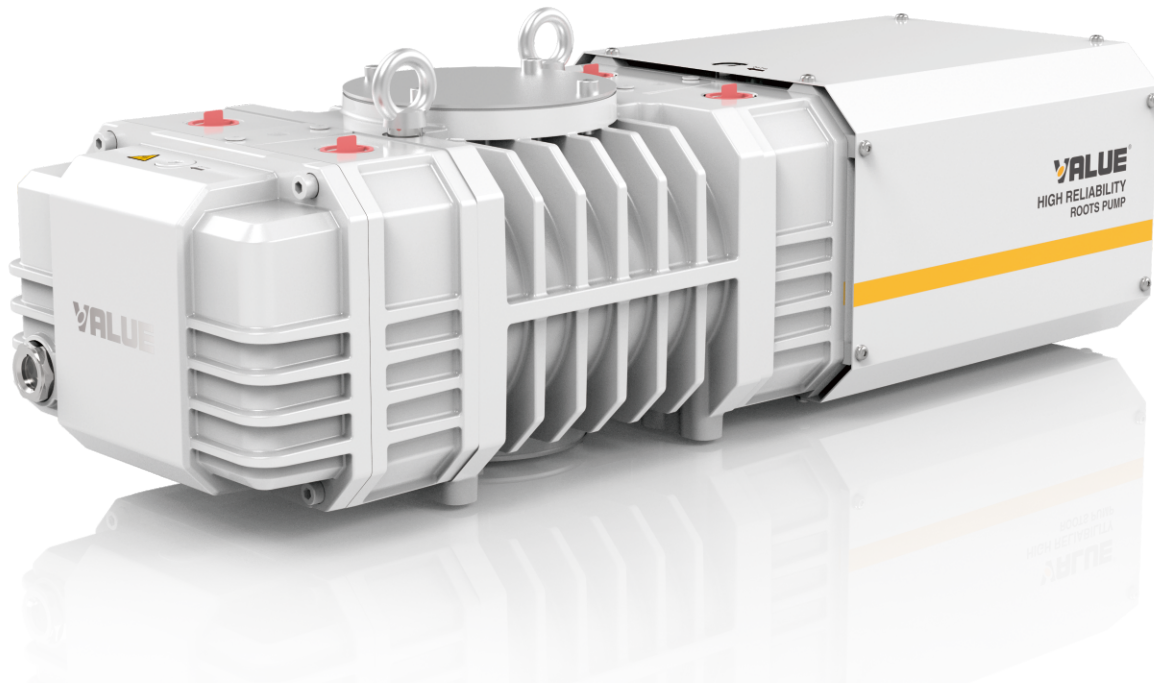


VBP Series Roots Pump



High Reliability Roots Pump

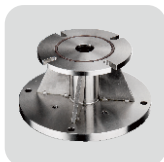
More efficient and reliable coaxial design of motor & pump body
Sealed motor design, avoid any oil leakage
Precision transmission to ensure product quality

Parts/Accessories

- Electrical Controller



- Trestle



- Corrugated pipe



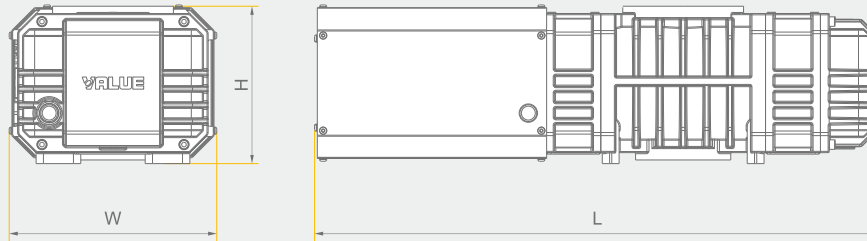
- Frequency converter



- Vacuum Gauge



VBP Series Roots Pump



Technical parameters

Model			VBP100	VBP300	VBP600	VBP1200
Displacement speed	50Hz	m³/h	160	400	600	1500
		L/min	2667	6667	10000	25000
		CFM	94	235	353	882
	60Hz	m³/h	190	480	720	1800
		L/min	3167	8000	12000	30000
		CFM	112	283	424	1059
Ultimate pressure		Pa	3x10 ⁻²	3x10 ⁻²	3x10 ⁻²	3x10 ⁻²
		Torr	2.2x10 ⁻⁴	2.2x10 ⁻⁴	2.2x10 ⁻⁴	2.2x10 ⁻⁴
		mbar	3x10 ⁻⁴	3x10 ⁻⁴	3x10 ⁻⁴	3x10 ⁻⁴
Max. permissible pressure difference	50Hz	Pa	8x10 ³	8x10 ³	8x10 ³	8x10 ³
	60Hz	Pa	6.6x10 ³	6.6x10 ³	6.6x10 ³	6.6x10 ³
Backing pump (recommended)			VRD-30/48	VRD-65/90	VRD-90/VSV-100	VRD-300/VSV-300
Power supply		kW	3-phase	3-phase	3-phase	3-phase
Rated power			0.37	1.1	1.5	3
Cooling mode			Air cooling	Air cooling (Customizable water cooling)		
Intake & Exhaust			DN50/DN50	DN80/DN63	DN100/DN63	DN160/DN100
Motor speed (50Hz)		rpm	2880	2880	2880	2880
Ambient temperature		°C	5 ~ 40	5 ~ 40	5 ~ 40	5 ~ 40
Noise		dB(A)	≤62	≤63	≤63	≤65
Weight		kg	23	88	99	213
Dimensions (L*W*H)		mm	493x212x160	681x284x215	781x284x215	962x385x728

