

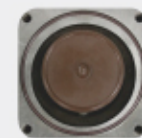
# VSV-22/28/40/65/100 160/200/300

Pumping speed: 22-300m<sup>3</sup>/h  
Single-stage rotary vane vacuum pump



## Product feature

- Excellent performance**  
 Integral pump structure, require higher accuracy; Proven vanes technology, makes the performance more stable; Ensure the pump system with higher reliability.
- Excellent heat dissipation**  
 Air-cooled structure, without external water cooling system, reduce the installation and maintenance costs.
- Clean and green**  
 Built-in high quality oil mist filter, effectively filter oil mist, avoid oil mist pollution, protect the environment clean.
- Two-shift adjustable gas ballast valve**  
 Satisfies the different requirements of vacuum degrees and the handling of water vapor.
- FKM seals**  
 Improve corrosion resistance and solve the problem of oil leakage.
- Anti-suckback structure**  
 Protect the vacuum system from oil contamination after shutdown.
- Compact structure**  
 Integrated motor design, lighter, smaller, the size is satisfied all kinds of application.



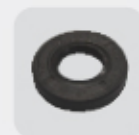
Anti-suckback valve



Built-in oil mist filter



Gas ballast valve



Oil seal

## Specifications

Model			VSV-22	VSV-28	VSV-40	VSV-65
Displacement speed	50Hz	m <sup>3</sup> /h	22	28	40	55
	60Hz		26	33	48	65
Ultimate pressure	Without gas ballast	mbar	≤0.3	≤0.3	≤0.3	≤0.3
Ultimate total pressure	With gas ballast I	mbar	≤0.8	≤0.8	≤0.8	≤0.5
	With gas ballast II	mbar	≤2.5	≤2.5	≤2	≤2
Water vapor tolerance	With gas ballast I	mbar	15	15	15	15
	With gas ballast II	mbar	30	30	30	30
Power supply			Single/Three-Ph	Single/Three-Ph	Three-Ph	Three-Ph
Power rating (50Hz)	kW		1.1	1.1	1.3	1.5
Level of protection			IP54	IP54	IP54	IP54
Intake and exhaust			G3/4"	G3/4"	G1 1/4"	G1 1/4"
Oil capacity	L		1	1	2.5	2.5
Motor speed (50/60Hz)	rpm		1440/1720	1440/1720	1440/1720	1440/1720
Ambient temperature	°C		10-40	10-40	10-40	10-40
Noise level (50Hz)	dB		≤61	≤61	≤63	≤65
Weight	Kg		30	30	39.2	42.5
Dimension (L*W*H)	mm		496×268×248	496×268×248	555×304×268	555×311×268

Model			VSV-100	VSV-160	VSV-200	VSV-300
Displacement speed	50Hz	m <sup>3</sup> /h	100	160	200	245
	60Hz		120	190	240	300
Ultimate pressure	Without gas ballast	mbar	≤0.3	≤8×10 <sup>-2</sup>	≤8×10 <sup>-2</sup>	≤8×10 <sup>-2</sup>
Ultimate total pressure	With gas ballast I	mbar	≤0.8	≤0.5	≤0.5	≤0.5
	With gas ballast II	mbar	≤3	≤1.5	≤1.5	≤1.5
Water vapor tolerance	With gas ballast I	mbar	15	30	30	30
	With gas ballast II	mbar	30	50	50	50
Power supply			Three-Ph	Three-Ph	Three-Ph	Three-Ph
Power rating (50Hz)	kW		3.0/3.6	5.5/6.6	5.5/6.6	7.5/9
Level of protection			IP54	IP54	IP54	IP54
Intake and exhaust			G1 1/4"	G2"	G2"	G2"
Oil capacity	L		2.5	6.5	6.5	8
Motor speed (50/60Hz)	rpm		1440/1720	1440/1720	1440/1720	1440/1720
Ambient temperature	°C		10-40	10-40	10-40	10-40
Noise level (50Hz)	dB		≤65	≤74	≤74	≤77
Weight	Kg		72	132	164	215
Dimension (L*W*H)	mm		703×406×286	940×533×412	940×533×412	1035×540×434