

Specifications of WSA pumps at 50Hz

Pump model no.	SV-140	W2V05	W2V10	W2V20	W2V40	W2V60	W2V80	W2V100	W2V150	W2V180	
Pumping Speed	/min	116.7	41.7	83.3	166.7	333.3	500	666.7	833.3	1250	1600
	m ³ /h	7	2.5	5	10	20	30	40	50	75	96
	CFM	4.1	1.5	2.9	5.9	11.8	17.7	23.6	29.4	44.2	56.5
Motor Speed (rpm)	1,417										
Ultimate pressure	5×10 ⁻²	5×10 ⁻²	5×10 ⁻² Torr (6.7 Pa) with Gas Ballast Open								
	5×10 ⁻³	3×10 ⁻³	≤1X10 ⁻³ Torr(1.3X10 ⁻¹ Pa) with Gas Ballast Closed								
Power Input Options	220VAC 1 50/60Hz							220VAC/380VAC 3 50/60Hz			
	110VAC 1 50/60Hz		220VAC/380VAC 3 50/60Hz								
	Customer's Request (Voltage, Frequency and Phase)										
Full Load Power(kW)	0.4(0.5 HP)	0.12(0.2 HP)	0.4(0.5 HP)	0.4(0.5 HP)	0.75(1 HP)	1.5(2 HP)	1.5(2 HP)	1.5(2 HP)	3.7(5 HP)	3.7(5 HP)	
Inlet and Outlet Options	Tee/Handle	NW16	NW25			NW40					
	Cross/Handle	NW25	+ Hose Nipple (12, 16, 26 OD for NW25 / 36 OD for NW40)								
	NW25	NW25	+ PT Nipple (1/4", 3/8", 1/2", 3/4", 1" for NW25)								
	User Requested Type										
Oil Capacity (cc)	600	200	500	600	1,500	2,700	2,900	4,500	6,200	6,200	
Overall Dimension (mm)	W	160	120	150	150	170	206	226	264	264	264
	L	372	347	444	475	534.5	619	639	677	778.5	778.5
	H	299	212	250	250	287	318	343	427	427	427
Weight (kg)	14.7	14.2	22.5	23.3	34.8	50.1	65.1	78.8	101.5	106.5	
Ambient Temp.	7~40°C / 45~104°F										

Applicable areas of Rotary Vane Pump



- Chemical, science experiment, Analyzer and Laser system
- Semiconductor equipment, Sputtering equipment and vacuum evaporation
- Backing pumps for the electronic microscope
- Vacuum dryer and Freeze dryer
- Lamps and tubes manufacture and Display manufacture