

WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVH- 3, 5

Single Stage, Carbon Vane Rotary, Air Cooled,



- Compact Design - Reliability & Durability – Easy to maintain and operate.
- Simple Installation – Air Cooled, No Water Required – Oil Free
- Quite Operation.
- **Belt Drive**

Standard Equipment: Carbon Vanes, Built-in Silencer, Vibration Isolators, Vacuum gage and Regulator, TEFC High Efficiency Motor

Optional Equipment: Inlet Filter

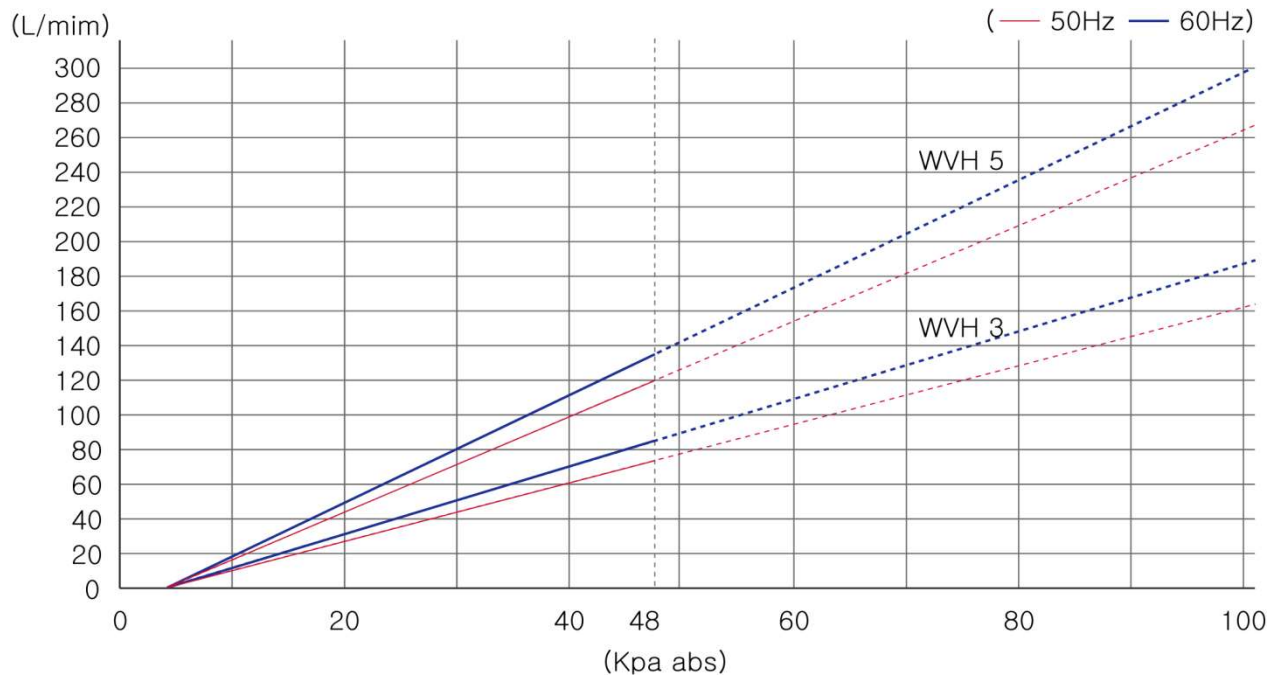
• Specifications:

MODEL		WVH-3	WVH-5
Displacement	60Hz l/min	260	400
	50Hz l/min	220	330
End Vacuum	mm HgG	724	724
Normal Operating Vacuum	mm HgG	400~724	400~724
Motor	Kw	0.4	0.75
Pump Revolution	60Hz rpm	1430	1300
	50Hz rpm	1190	1080
Operating Amb.Temp.	°C	0 ~ 40 °C	
Connections	Intake(G-Bsp)	3/8"	3/8"
Driven		Belt	
Weight	kg (with motor)	22	33

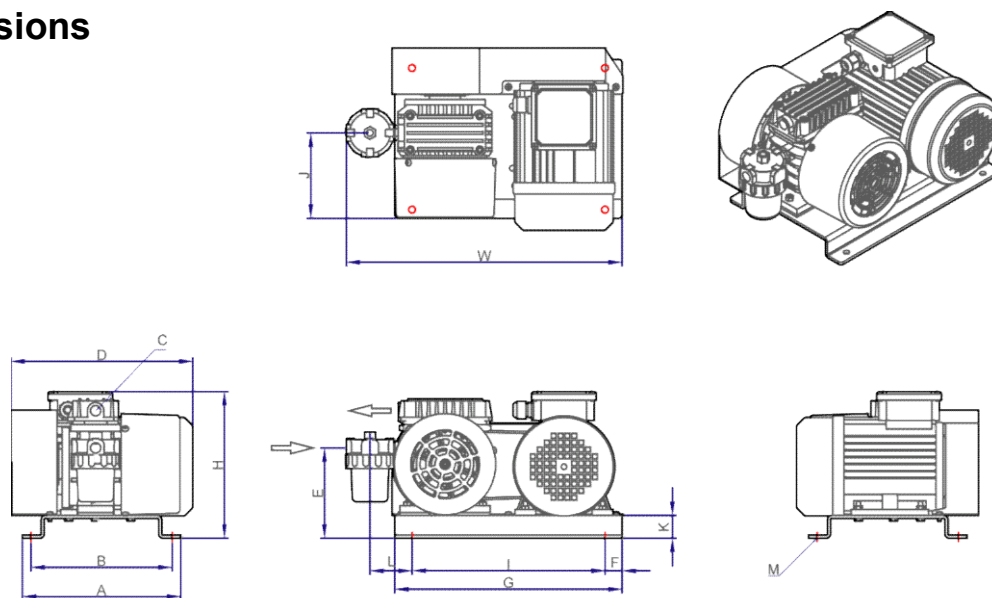
WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVH- 3, 5

Performance Curve



Dimensions



DIMENSIONS	W	D	H	A	B	C	E	F	G	I	J	K	L	M
WVH-3	400	264	213	230	205	3/8"	131	25	330	280	124	33	61	4-ø10
WVH-5	482	295	234	240	217	3/8"	145	30	360	300	146	33	63	4-ø10

WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVS- 3, 5& 6, 3H, 5H & 6H

Single Stage, Carbon Vane Rotary, Air Cooled,



- Compact Design - Reliability & Durability – Easy to maintain and operate.
- Simple Installation – Air Cooled, No Water Required – Oil Free
- Quite Operation.
- Direct Coupling Drive

Standard Equipment: Carbon Vanes, Built-in particulate Filter & Silencer, Vibration Isolators, Vacuum gage and Regulator, TEFC High Efficiency Motor

Optional Equipment: Pressure Gauge & regulator for Blow operation

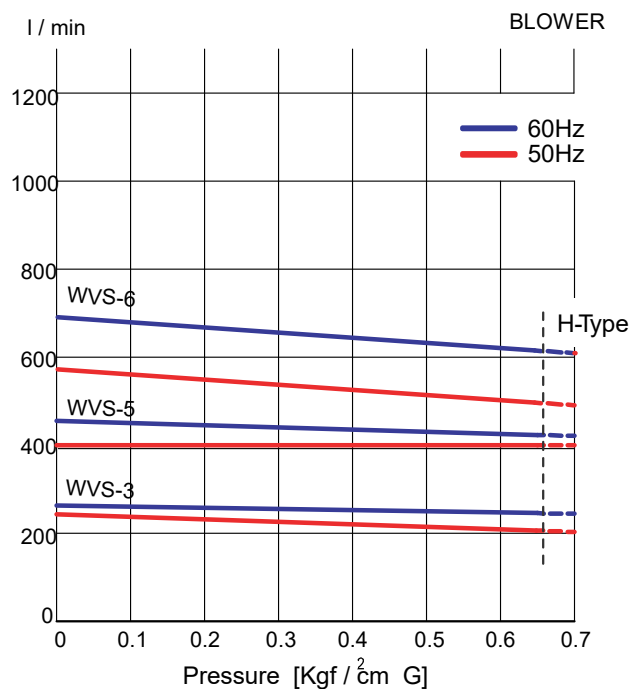
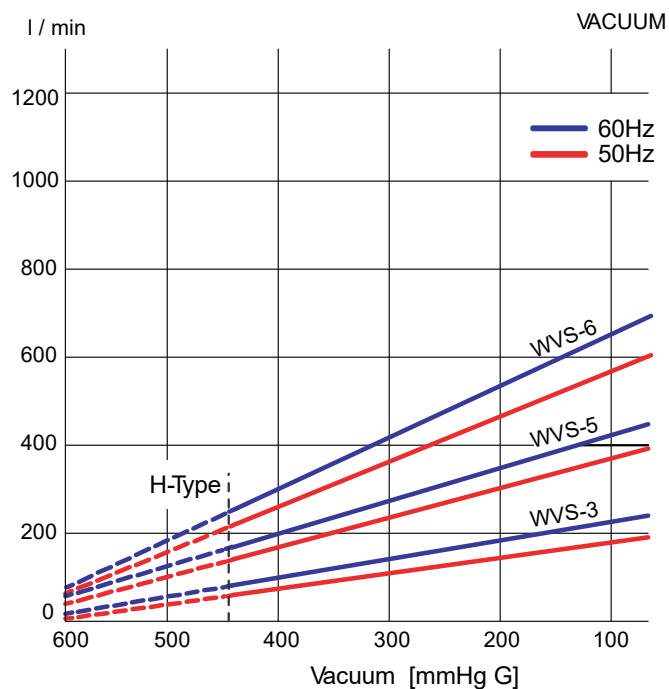
• Specifications:

MODEL			WVS-3 / 3H	WVS-5 / 5H	WVS-6 / 6H
Displacement	60Hz	l/min	280	480	685
	50Hz	l/min	235	405	575
End Vacuum	mm HgG		610	650	650
Normal Operating Vacuum	mm HgG		450 / 600	450 / 600	450 / 600
Normal Operating Pressure	Kgf/cm ²		0.6	0.6	0.6
Motor	Kw		0.4	0.75	1.5
Pump Revolution	60Hz	rpm	1740	1740	1740
	50Hz	rpm	1450	1450	1450
Operating Amb.Temp.	°C		0 ~ 40 °C		
Connections	Intake(G-Bsp)		3/4"	3/4"	3/4"
Driven			coupling		
Weight	kg (with motor)		24	33	44

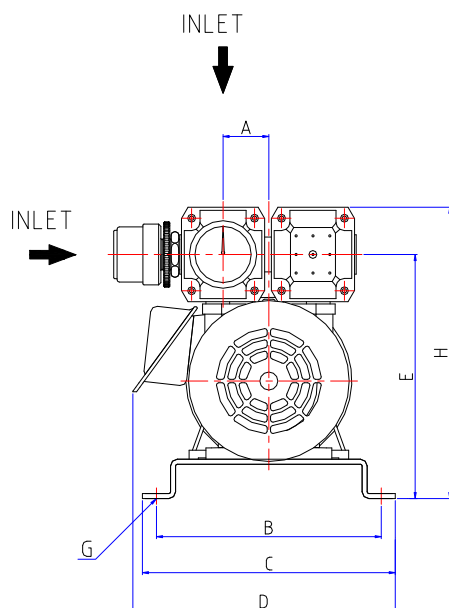
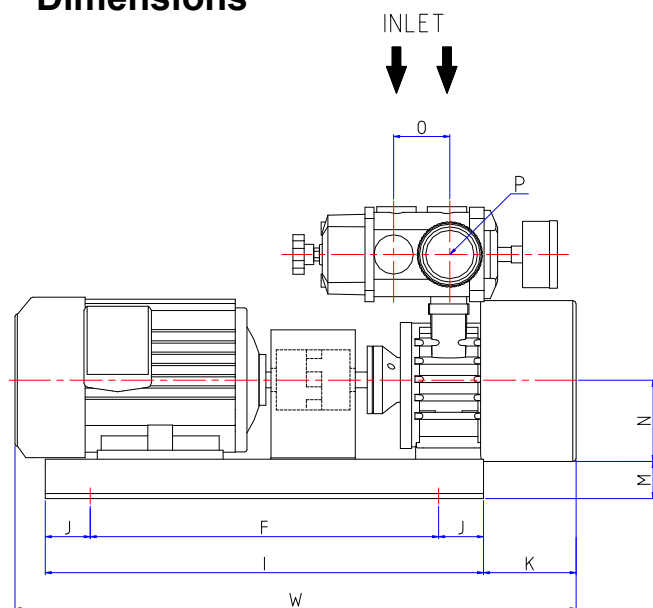
WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVS- 3, 5 & 6, 3H, 5H & 6H

Performance Curve



Dimensions



DIMENSIONS	W	H	A	B	C	D	E	F	G	I	J	K	M	N	O	P
WVS-3	500	255	45	200	230	230	210	310	4-φ9	390	40	90	32	71	50	Rc3/4"
WVS-5	560	255		200	230	250	220	310	4-φ9	390		95	32	80		
WVS-6	650	310		225	250	270	260	395	4-φ9	475		110	50	90		

WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVS- 8 & 9, 8H & 9H

Single Stage, Carbon Vane Rotary, Air Cooled,



- Compact Design - Reliability & Durability – Easy to maintain and operate.
- Simple Installation – Air Cooled, No Water Required – Oil Free
- Quite Operation.
- Direct Coupling Drive

Standard Equipment: Carbon Vanes, Built-in particulate Filter & Silencer, Vibration Isolators, Vacuum gage and Regulator, TEFC High Efficiency Motor

Optional Equipment: Pressure Gauge & regulator for Blow operation

• Specifications:

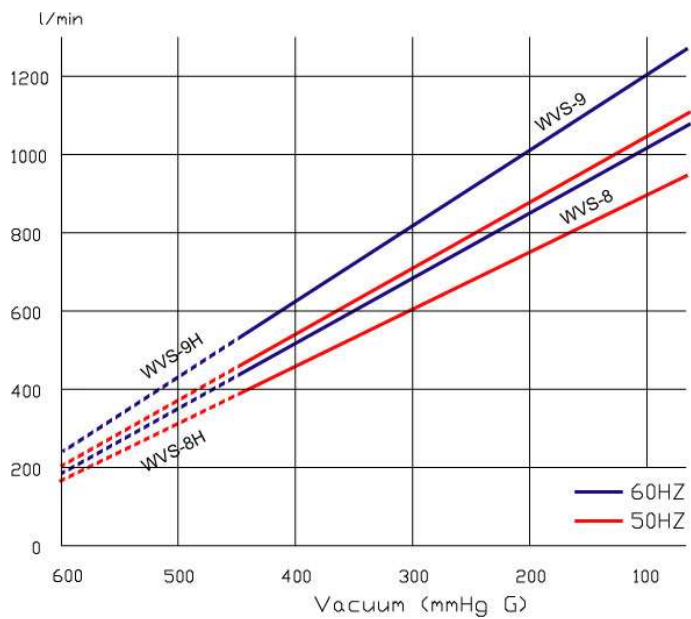
MODEL			WVS-8	WVS-8H	WVS-9	WVS-9H
Displacement	60Hz	l/min	1115	1115	1350	1350
	50Hz	l/min	935	935	1130	1130
End Vacuum	mm HgG		650	740	650	740
Normal Operating Vacuum	mm HgG		450	600	450	600
Normal Operating Pressure	Kgf/cm2		0.6	0.7	0.6	0.7
Motor	Kw		1.5(6P)	1.5(6P)	2.2(6P)	2.2(6P)
Pump Revolution	60Hz	rpm	1160	1160	1160	1160
	50Hz	rpm	980	980	980	980
Operating	°C		0 ~40°C			
Connections	Intake(G-Bsp)		1"	1"	1"	1"
Driven			Via Coupling			
Weight	kg (with motor)		73	73	97	97

WVS S E R I E S Dry Rotary Vane Vacuum Pumps

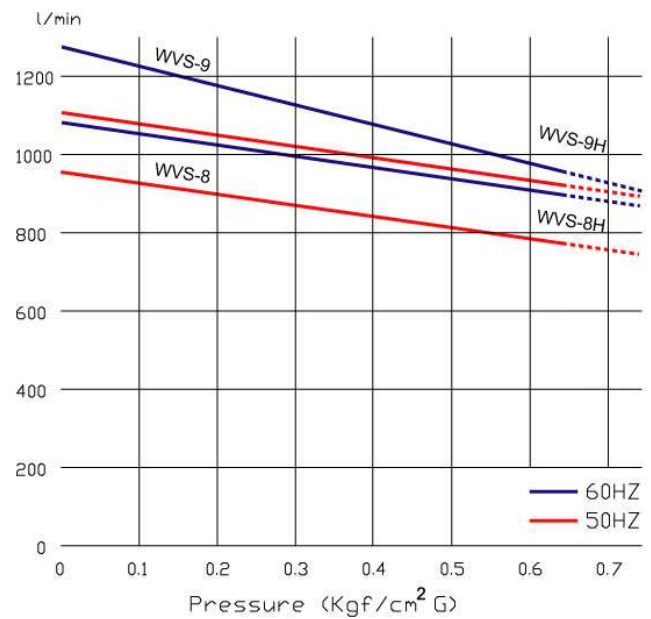
WVS- 8 & 9, 8H & 9H

Performance Curve

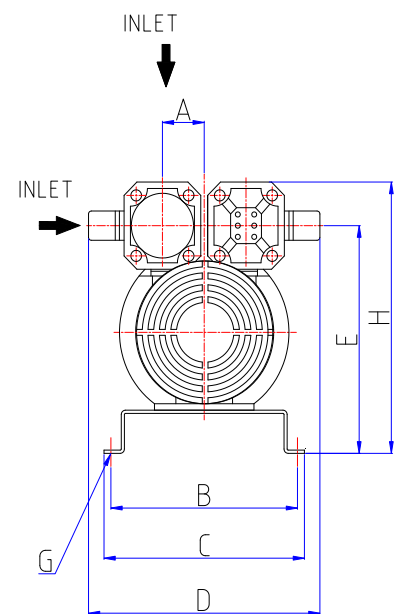
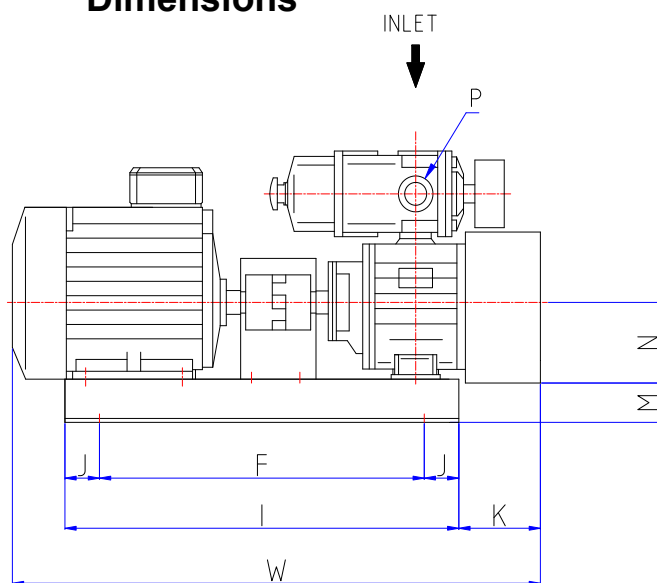
VACUUM



BLOWER



Dimensions

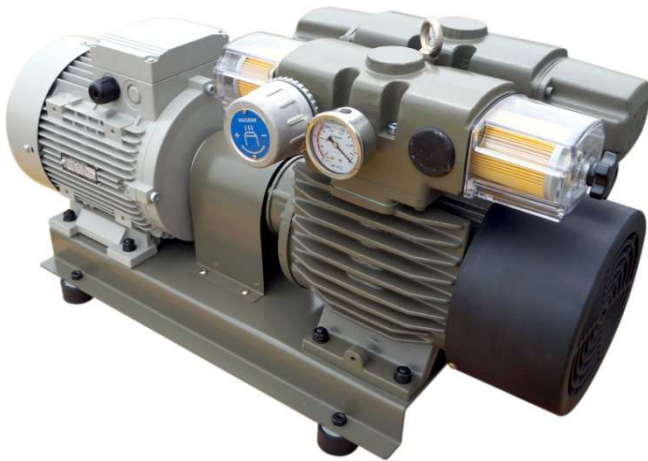


DIMENSIONS	W	H	A	B	C	D	E	F	G	I	J	K	M	N	P
WVS-8	720	360	50	235	270	300	300	430	4-Ø9	520	45	130	55	100	1"
WVS-9	764	375	60	270	290	335	322	470	4-Ø9	570	50	118		112	

**WVS
S E R I E S
Dry Rotary Vane Vacuum Pumps**

WVS- 10A & 10AH

Single Stage, Carbon Vane Rotary, Air Cooled,



- Compact Design - Reliability & Durability – Easy to maintain and operate.
- Simple Installation – Air Cooled, No Water Required – Oil Free
- Quite Operation.
- Direct Coupling Drive

Standard Equipment: Carbon Vanes, Built-in particulate Filter & Silencer, Vibration Isolators, Vacuum gage and Regulator, TEFC High Efficiency Motor

Optional Equipment: Pressure Gauge & regulator for Blow operation

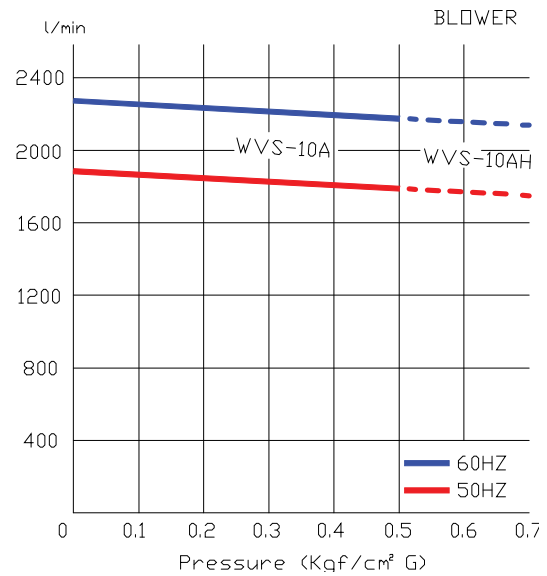
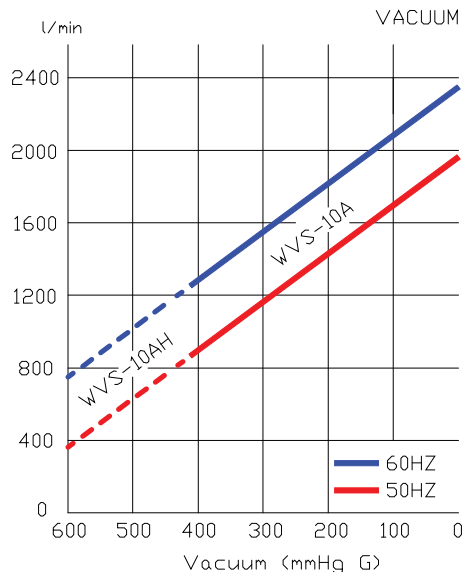
• **Specifications:**

MODEL			WVS-10A	WVS-10AH
Displacement	60Hz	l/min	2350	2350
	50Hz	l/min	1960	1960
End Vacuum	mm HgG		670	740
Normal Operating Vacuum	mm HgG		410	600
Normal Operating Pressure	Kgf/cm2		0.5	0.7
Motor	Kw		4	4
Pump Revolution	60Hz	rpm	1175	1175
	50Hz	rpm	980	980
Operating Amb. Temp.	°C		0 ~ 40 °C	0 ~ 40 °C
Connections	Intake(G-Bsp)		1-1/4"	1-1/4"
Driven			Via Coupling	
Weight	kg (with motor)		120	120

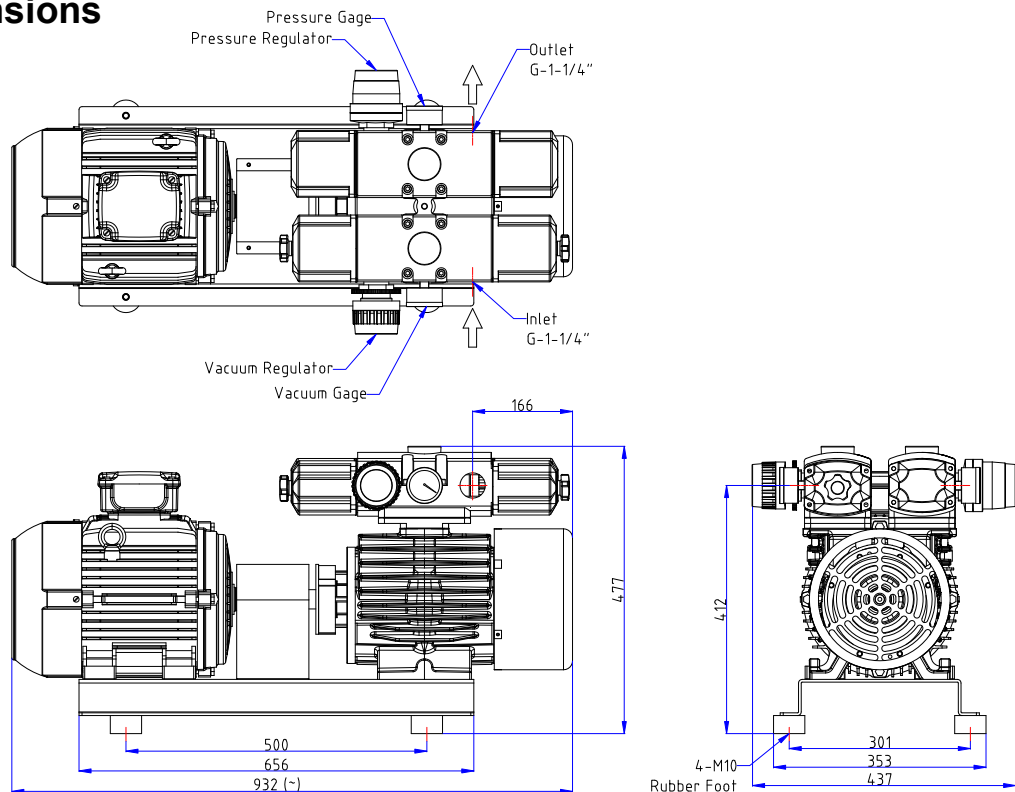
WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVS- 10A & 10AH

Performance Curve



Dimensions



WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVS- 10 & 10H

Single Stage, Carbon Vane Rotary, Air Cooled,



- Compact Design - Reliability & Durability – Easy to maintain and operate.
- Simple Installation – Air Cooled, No Water Required – Oil Free
- Quite Operation.
- V - Belt Drive

Standard Equipment: Carbon Vanes, Built-in particulate Filter & Silencer, Vibration Isolators, Vacuum gage and Regulator, TEFC High Efficiency Motor

Optional Equipment: Pressure Gauge & regulator for Blow operation

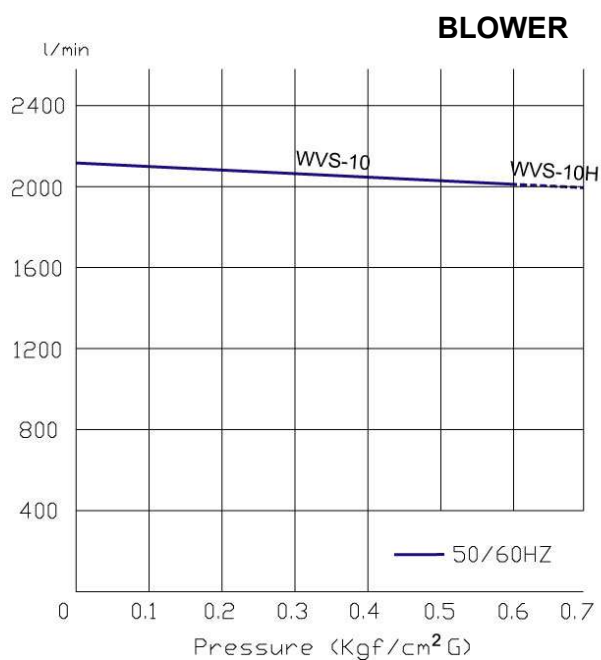
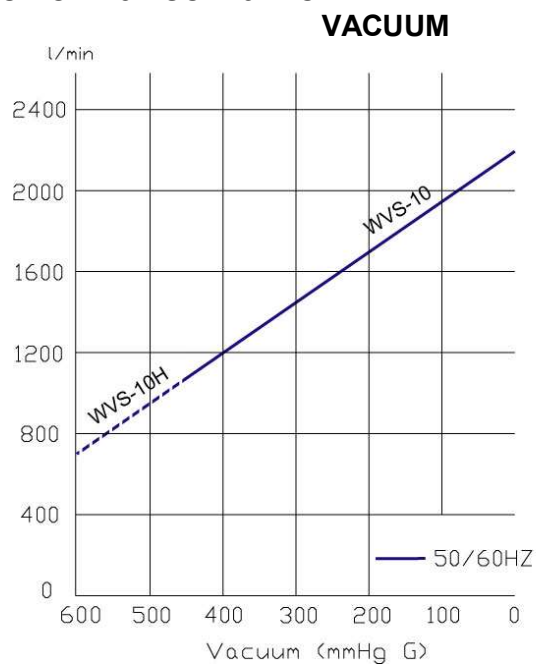
• Specifications:

MODEL			WVS-10	WVS-10H
Displacement	60Hz	l/min	2200	2200
	50Hz	l/min		
End Vacuum	mm HgG		670	740
Normal Operating Vacuum	mm HgG		410	600
Normal Operating Pressure	Kgf/cm2		0.5	0.7
Motor	Kw		4	4
Pump Revolution	60Hz	rpm	1100	1100
	50Hz	rpm		
Operating Amb. Temp.	°C		0 ~ 40 °C	0 ~ 40 °C
Connections	Intake(G-Bsp)		1-1/4"	1-1/4"
Driven			V-Belt	V-Belt
Weight	kg (with motor)		120	120

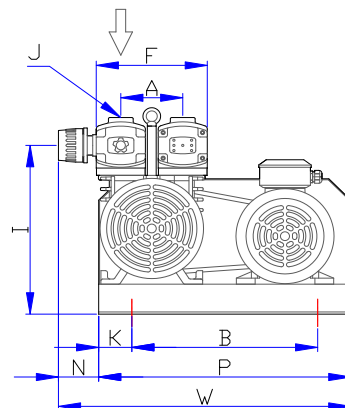
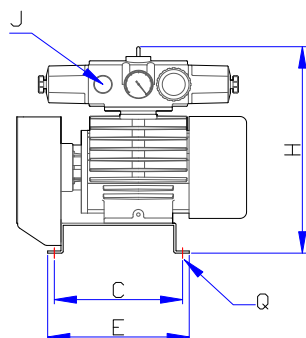
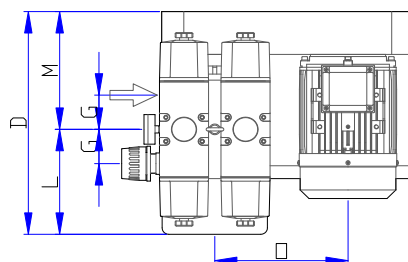
WVS S E R I E S Dry Rotary Vane Vacuum Pumps

WVS- 10 & 10H

Performance Curve



Dimensions

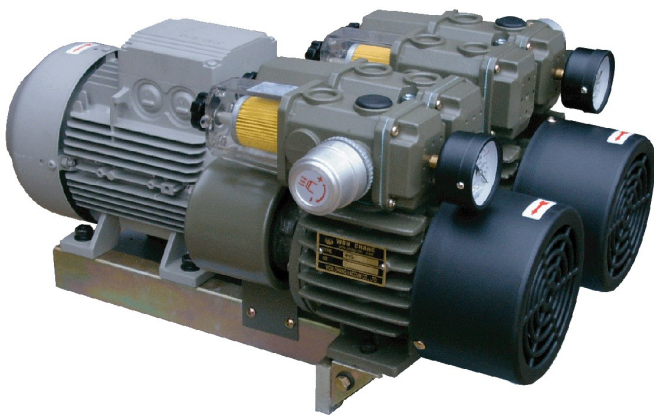


MODEL	W	D	H	A	B	C	E	F	G	I	J	K	L	M	N	O	P	Q
WVS-10A	660	520	482	140	420	290	320	251	-	394	1-1/4"	75	245	275	80	301	570	Ø11-4

**WBS
S E R I E S
Dry Rotary Vane Vacuum Pumps**

WBS- 30A, 50A, 60A & 80A

Single Stage, Carbon Vane Rotary, Air Cooled,



- Compact Design - Reliability & Durability – Easy to maintain and operate.
- Simple Installation – Air Cooled, No Water Required – Oil Free
- Quite Operation.
- Timing Belt Drive
- Ideal for Vacuum and Blow Operation

Standard Equipment: Carbon Vanes, Built-in particulate Filter & Silencer, Vibration Isolators, Vacuum gage and Regulator, TEFC High Efficiency Motor

Optional Equipment: Pressure Gauge & regulator for Blow operation

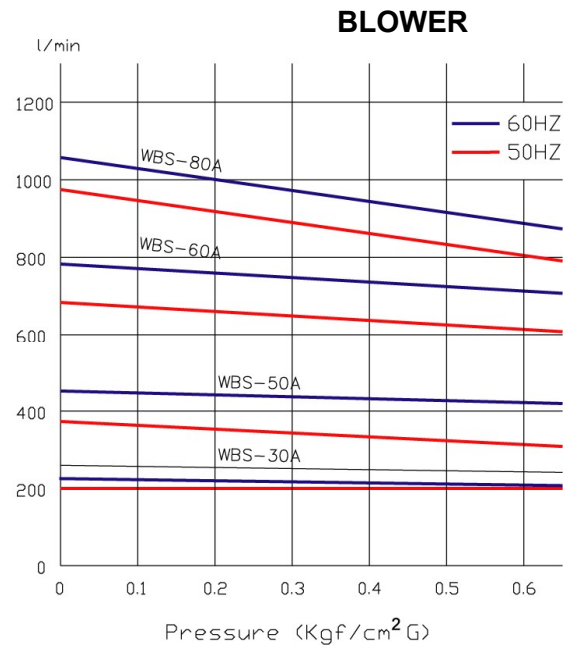
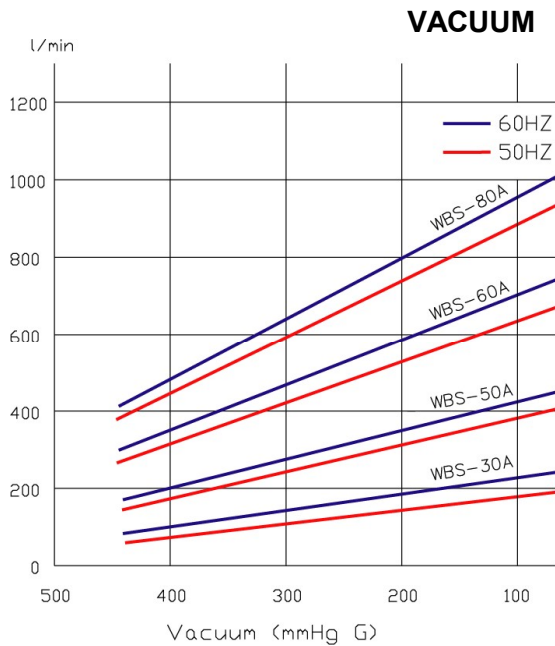
• **Specifications:**

MODEL			WBS-30A	WBS-50A	WBS-60A	WBS-80A
Displacement	60Hz	l/min	280x2	480x2	685x2	1115x2
	50Hz	l/min	235x2	405x2	575x2	
End Vacuum	mm HgG		650	650	650	650
Normal Operating Vacuum	mm HgG		450	450	450	450
Normal Operating Pressure	Kgf/cm2		0.6	0.6	0.6	0.6
Motor	Kw		0.75	1.5	2.2	4
Pump Revolution	60Hz	rpm	1740	1740	1740	1740
	50Hz	rpm	1450	1450	1450	1450
Operating Amb.Temp.	°C		0 ~ 40 °C			
Connections	Intake(G-Bsp)		3/4"	3/4"	3/4"	1"
Driven			T-Belt	T-Belt	T-Belt	T-Belt
Weight	kg (with motor)		44	56	75	115

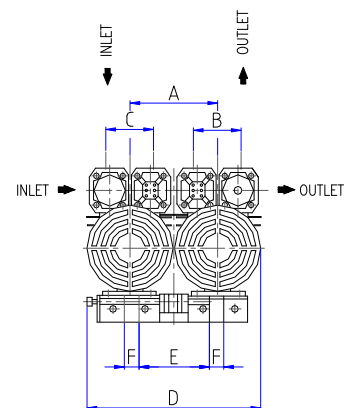
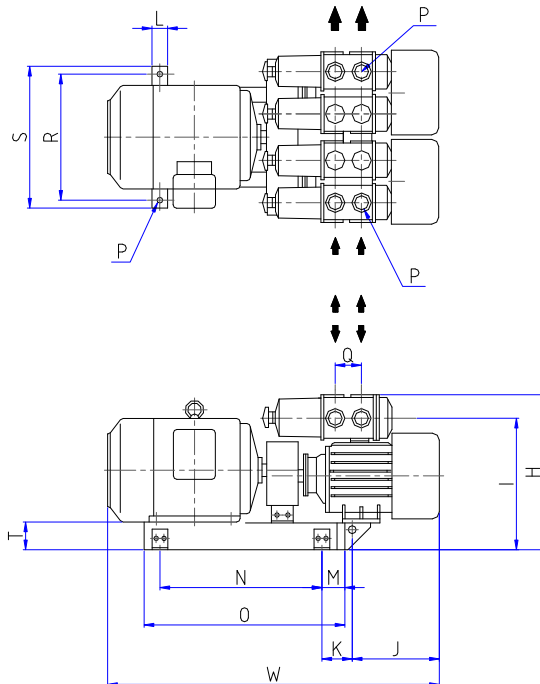
WBS S E R I E S Dry Rotary Vane Vacuum Pumps

WBS- 30A, 50A, 60A & 80A

Performance Curve



Dimensions



DIMENSIONS	W	H	A	B	C	D	E	F	G	I	J	K	L	M	N	O	P	Q	R	S	T
WBS-30A	482	325	270	170	90	90	97	28	4-φ9	224	110	65	30	35	225	287	Rc3/4"	50	205	233	50
WBS-50A	559	325	280	170	90	90	112	28	4-φ9	234	130	65	30	35	270	332	Rc3/4"	50	220	248	50
WBS-60A	646	305	202	90	90	505	282	28	4-φ9	225	243	86	30	46	280	381	Rc3/4"	50	240	268	50
WBS-80A	695	350	240	115	115	600	315	28	4-φ9	300	278	102	30	46	292	416	Rc1"	72	270	298	50

**WBS
S E R I E S
Dry Rotary Vane Vacuum Pumps**

WBS- 80B, 85B, 90B, 95B &100B

Single Stage, Carbon Vane Rotary, Air Cooled,



- Compact Design - Reliability & Durability – Easy to maintain and operate.
- Simple Installation – Air Cooled, No Water Required – Oil Free
- Quite Operation.
- V - Belt Drive
- Ideal for Vacuum and Blow Operation

Standard Equipment: Carbon Vanes, Built-in particulate Filter & Silencer, Vibration Isolators, Vacuum gage and Regulator, TEFC High Efficiency Motor

Optional Equipment: Pressure Gauge & regulator for Blow operation

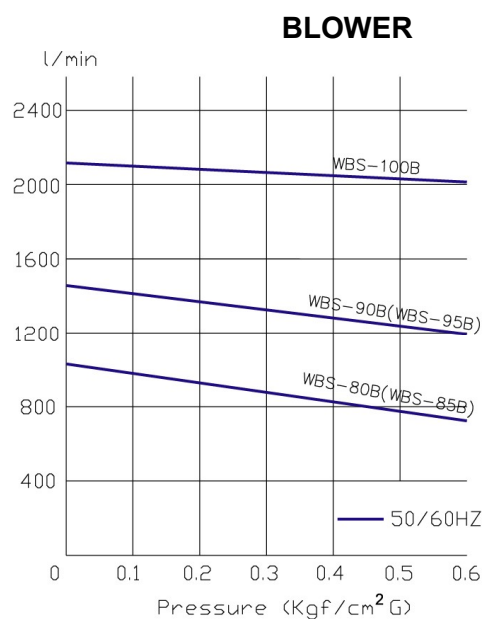
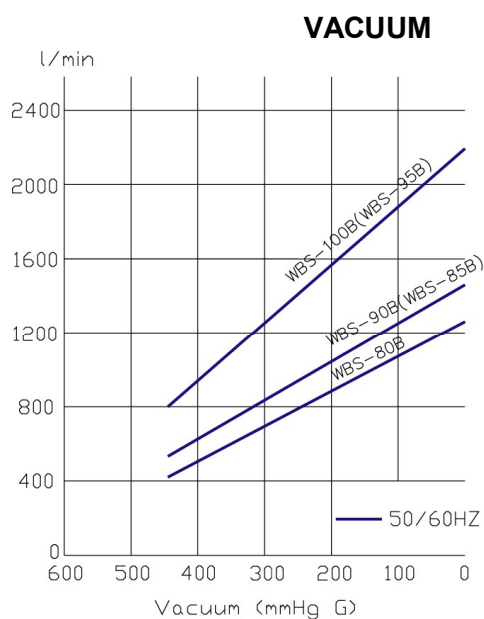
• **Specifications:**

			WBS-80B	WBS-85B	WBS-90B	WBS-95B	WBS-100B
Displace ment	60Hz	l/min	1115x2	1350+1115	1350x2	1350+2200	2200x2
	50Hz	l/min					
End Vacuum	mm HgG		650	650	650	650	650
Normal Operating Vacuum	mm HgG		450	450	450	450	410
Normal Operating Pressure	Kgf/cm2		0.6	0.6	0.6	0.6	0.6
Motor	Kw		4	4	5.5	5.5	7.5
Pump Revolution	60Hz	rpm	1160	1160	1160	1160+ 1100	1100
	50Hz	rpm					
Operating Amb.Temp.	℃		0 ~ 40 ℃				
Connections	Intake(G-Bsp)		1"	1"	1"	1" -1-1/4"	1-1/4"
Driven			V-Belt	V-Belt	V-Belt	V-Belt	V-Belt
Weight	kg (with motor)		129	150	165	200	235

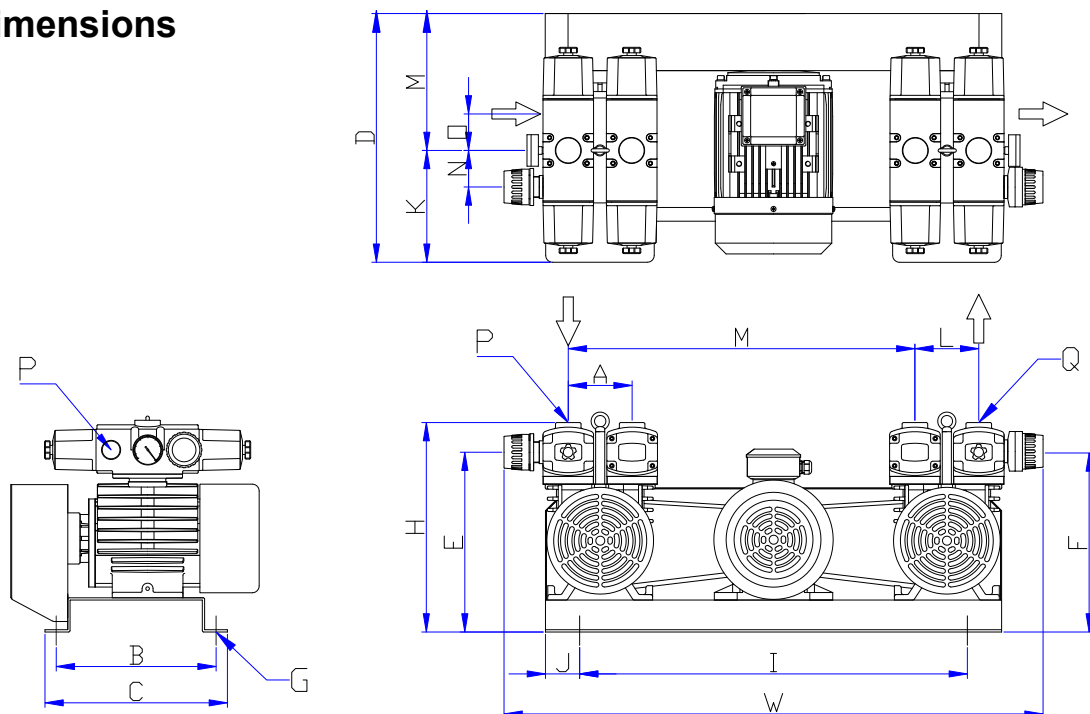
WBS S E R I E S Dry Rotary Vane Vacuum Pumps

WBS- 80B, 85B, 90B, 95B &100B

Performance



Dimensions



DIMENSIONS	W	H	A	B	C	D	E	F	G	I	J	K	L	M	N	O	P	Q
WBS-80B	1040	360	115	350	400	450	300	300	4-ø9	800	100	170	115	700	-	70	Rc1"	Rc1"
WBS-85B	1055	390	120	350	400	450	340	300	4-ø11	800	100	170	115	700	-	50/70	Rc1"	Rc1"
WBS-90B	1070	390	120	350	400	450	340	340	4-ø11	800	100	190	120	700	-	50	Rc1"	Rc1"
WBS-95B	1095	455	140	350	400	545	960	390	4-ø11	800	100	245/190	120	700	-	80/50	Rc4/1"	Rc1"
WBS-100B	1120	455	140	350	400	545	400	390	4-ø11	800	100	245	140	700	80	80	Rc4/1"	Rc4/1"