

**INDUVAC**

Side channel blower 524 series

The standard VACOM® design, with housing an impeller made of aluminum alloy, is a direct drive configuration, with a dynamically balanced impeller, fitted directly on the motor shaft. The impeller rotates inside of the stator housing with a very small clearance. The absence of lubricants guarantees a 100% oil free vacuum or compression. Construction features of the VACOM® side channel blower are the very reliable operation and low maintenance. VACOM® blowers are directly driven, impellers fixed directly on the drive shaft. Impeller bearing is installed in the front cover and easily to assemble and disassemble. Machines are small and lightweight. VACOM® blowers are already available with differential pressures up to 700 mbar and capacities of 2000 m³/ hr.



Features

- ♦ Available from stock
- ♦ Almost free of maintenance
- ♦ Low power consumption
- ♦ Oil free compression, no oil in the medium
- ♦ Made of aluminum, so low weight and high corrosion resistance.

Accessories

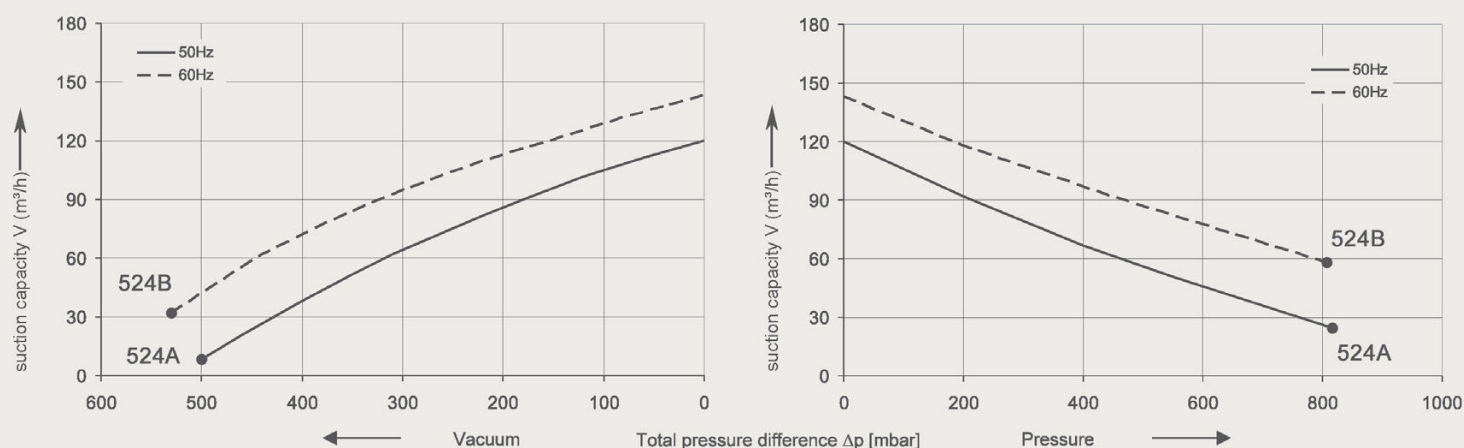
- ♦ Suction filter TGF (for vacuum)
- ♦ Suction filter VCFT (for compression)
- ♦ Pressure relief valve DB
- ♦ External silencer EGD
- ♦ Fittings
- ♦ Various: change valve, pressure gauge, non return valve



Technical data

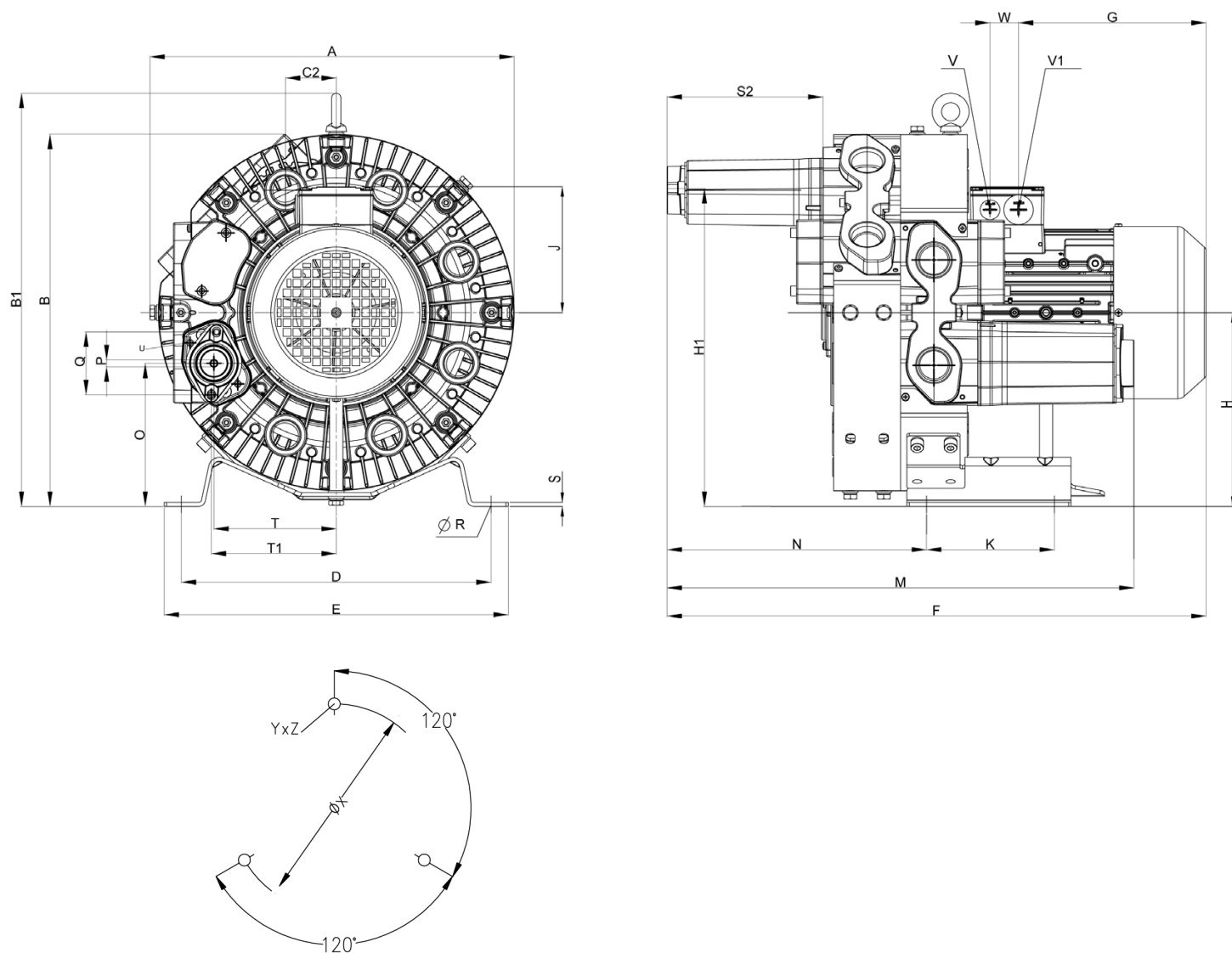
Type No.	Curve No.	Freq.	Power	Voltage		Current		Capacity	Pressure difference		Sound level	Connec- tion	Weight
		Hz	kW	V		A		m ³ /hr.	Vacuum mbar	Pressure mbar	dB(A)	"G	kg
VC 340-524	524A	50	4,00	345-415 Δ	600-720 Y	9,50 Δ	5,50 Y	65	-500	820	65	1,25	51
	524B	60	4,60	380-480 Δ	660-720 Y	9,50 Δ	5,50 Y	71	-530	810	71	1,25	51

Curves



Curves are valid for dry air, with a temperature of 15°C at the inlet and a pressure of 1013 m bar(a) at the inlet or outlet connection (for over- or under-pressure application respectively). The tolerance on capacity is +/- 10%. No rights can be derived from the sketches, dimensions and contents of this data sheet. The data is for information purposes only. Induvac reserves the right to change or modify the data. No complaints can be made about this.

Dimensions



Curve No.	Type	A	B	B1	C2	D	E	F	G	H	H1	J	K	M	N
524 A/B	VC 340-524	387	402	435	57	328	363	603	211	206	343	148	152	453	256
Curve No.	Type	O	P	Q	R	S1	S2	S3	T	T1	U	V	V1	W	
524 A/B	VC 340-524	148	G1 1/4"	64	14	5	140	31	137	138	M6 x 17	M25 x 1,5	M16 x 1,5	32	