Vacuum Blowers

directly driven SKV

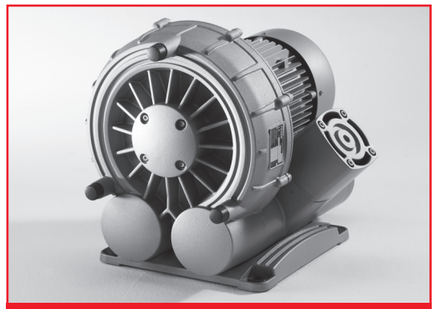
FEZER
Simply move more.

Description

Directly driven, air-cooled vacuum blower made of solid aluminum diecast housing and precision carrying wheel. The contact-free run of the carrying wheel guarantees a low-wear and low-maintenance operation of the blower. Depending on the type the blowers are available in one-stage or double-stage design.

Application

- handling of highly porous workpieces like chipboards, MDF-board, cardboard boxes etc.
- control of the vacuum by reversing valve UV
- any mounting position



SKV- ...

Article number

Type		suitable vacuum filter		Motor protection switch*
SKV-100/2-1,5kW	1.43.1.0034	VF-11/4A	1.53.2.0003	6.35.7.0002
SKV-160/2-3,0kW	1.43.1.0035	VF-11/4B	1.53.2.0004	6.35.7.0005
SKV-180/1-2,0kW	1.43.1.0036	SFS-50	4.26.4.0121	6.35.7.0002
SKV-240/2-3,0kW	1.43.1.0037	SFS-50	4.26.4.0121	6.35.7.0005
SKV-290/1-3,0kW	1.43.1.0038	SFS-50	4.26.4.0121	6.35.7.0005
SKV-350/2-9,0kW	1.43.1.0039	SFS-50	4.26.4.0121	6.35.7.0018
SKV-470/1-5,5kW	1.43.1.0040	SFS-50	4.26.4.0121	6.35.7.0005
SKV-720/1-9,0kW	1.43.1.0041	SFS-50	4.26.4.0121	6.35.7.0018

** motor protection switch for 400V, 50Hz*

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Technical data

Type	Vacuum (mbar)		Suction volume (m³/h)		Suction volume (l/s)		Rotation speed (1/min)		Weight (kg)	Noise level dB (A) *
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
SKV-100/2-1,5kW	-375	-375	98	117	27	32	2900	3400	32	68
SKV-160/2-3,0kW	-400	-400	162	189	45	52	2900	3400	40	76
SKV-180/1-2,0kW	-250	-280	181	217	50	60	2900	3400	32	69
SKV-240/2-3,0kW	-325	-300	240	290	67	81	2900	3400	40	76
SKV-290/1-3,0kW	-275	-270	293	338	81	94	2900	3400	49	74
SKV-350/2-9,0kW	-400	-400	355	435	98	121	2900	3400	115	71
SKV-470/1-5,5kW	-300	-270	472	485	13	135	2900	3400	95	74
SKV-720/1-9,0kW	-285	-265	720	895	200	248	2900	3400	110	75

** at 50 Hz*

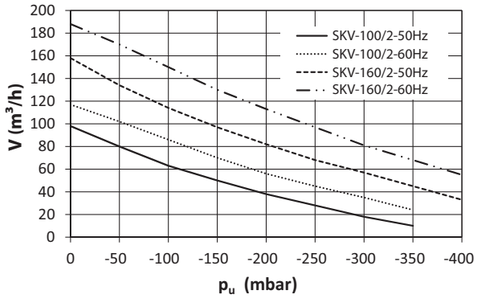
Electrical data

Type	Power (kW)		Voltage (V)		Current consumption (A)		Safety category	Efficiency category
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
SKV-100/2-1,5kW	1,5	1,8	190-255/330-440	190-290/330-500	6,0-7,0/3,5-4,0	7,5-6,1/4,3-3,5	IP55	IE1
SKV-160/2-3,0kW	3,0	3,6	230/400 +/-10%	230/400 +/-10%	12,5/7,2	12,5/7,2	IP55	IE1
SKV-180/1-2,0kW	2,0	2,4	190-255/330-440	190-290/330-500	8,0-8,5/4,6-4,9	9,7-7,8/5,6-4,5	IP55	IE1
SKV-240/2-3,0kW	3,0	3,6	190-255/330-440	190-290/330-500	12,5/7,2	12,5/7,2	IP55	IE1
SKV-290/1-3,0kW	3,0	3,6	230/400 +/-10%	230/400 +/-10%	12,5/7,2	12,5/7,2	IP55	IE1
SKV-350/2-9,0kW	9,0	9,0	400/690 +/-10%	400/690 +/-10%	16,4/9,5	16,0/9,2	IP55	IE2
SKV-470/1-5,5kW	5,5	6,4	400/690 +/-10%	400/690 +/-10%	10,4/6,0	11,5/6,6	IP55	IE2
SKV-720/1-9,0kW	9,0	9,0	400/690 +/-10%	400/690 +/-10%	16,4/9,5	16,0/9,2	IP55	IE2

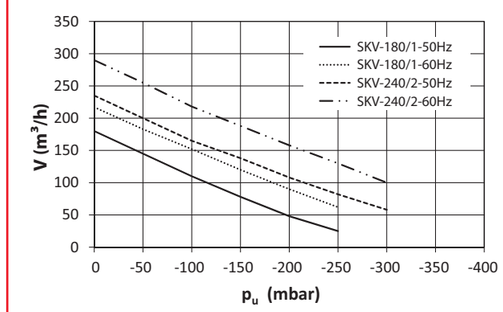
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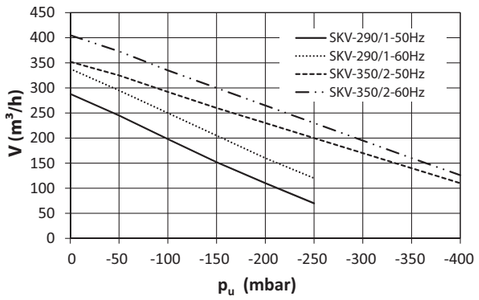
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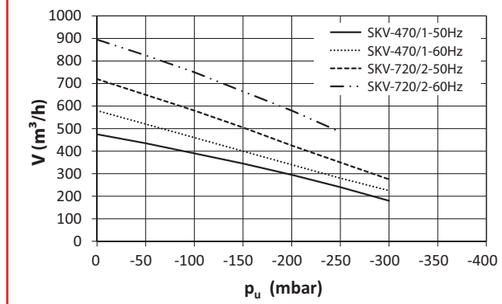
Suction capacity SKV-100 ... SKV-160 in dependance to evacuation grade



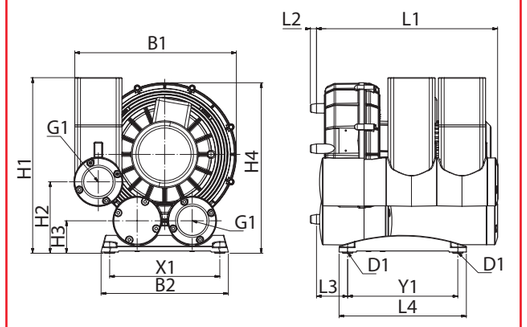
Suction capacity SKV-180 ... SKV-240 in dependance to evacuation grade



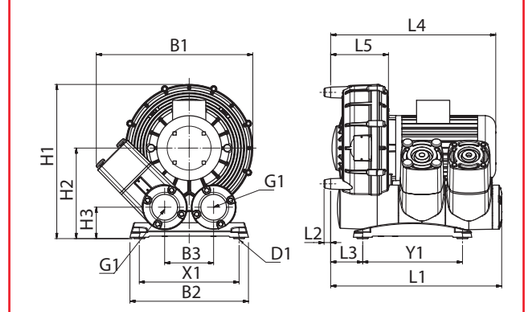
Suction capacity SKV-290 ... SKV-350 in dependance to evacuation grade



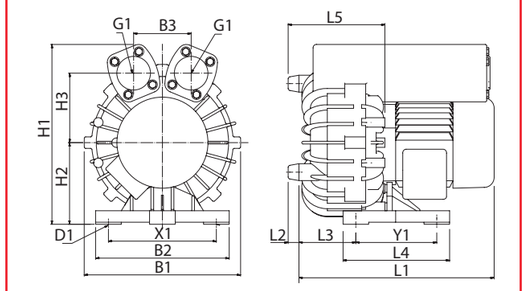
Suction capacity SKVD-470 ... SKVD-720 in dependance to evacuation grade



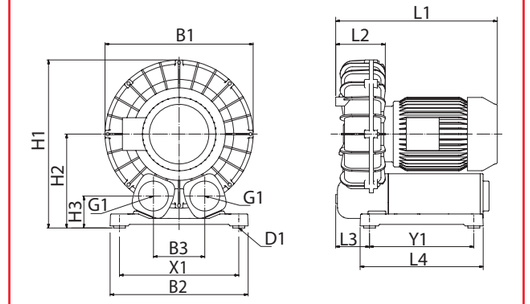
SKV-100-, SKV-160-, SKV-240-



SKV-180-, SKV-290-



SKV-350-



SKV-470-, SKV-720-

Dimensions

Type	L1	L2	L3	L4	L5	B1	B2	B3	H1	H2	H3	H4	D1	G1	X1	Y1
SKV-100/2-1,5kW	413	16	77	285	---	349	285	---	402	148	72	371	11	G11/4	240	240
SKV-160/2-3,0kW	464	16	70	335	---	420	335	---	449	196	90	449	12	G21/2	290	290
SKV-180/1-2,0kW	412	16	77	397	139	377	285	118	371	218	76	---	12	G2	240	240
SKV-240/2-3,0kW	497	16	82	335	---	420	335	---	449	195	92	---	12	G21/2	290	290
SKV-290/1-3,0kW	464	16	70	335	142	498	335	---	449	261	86	---	12	G21/2	290	290
SKV-350/2-9,0kW	657	16	141	410	207	497	460	339	666	348	199	---	M8	G4	400	350
SKV-470/1-5,5kW	515	16	114	480	167	497	460	172	515	282	74	---	M8	G3	400	350
SKV-720/1-9,0kW	515	16	149	560	207	497	460	184	666	315	93	---	M8	G4	400	350