

# Rectangular duct fans



## KVD

- Double inlet direct driven range
- Easy to install
- Robust and quiet operation

Direct driven box fan for inline operation and suitable for outdoor installations fitted with a forward curve double inlet impeller and IP 54 F class motors. The casing is made of 1 mm thick galvanized steel. The fan is mounted on 4 anti-vibration rubber plots and its outlet connected with the casing through a 18 mm thick rubber joint. An IP 55 connection box is fitted on the casing for easy installation.

## ELECTRICAL ACCESSORIES



REV p. 325



DTV p. 328

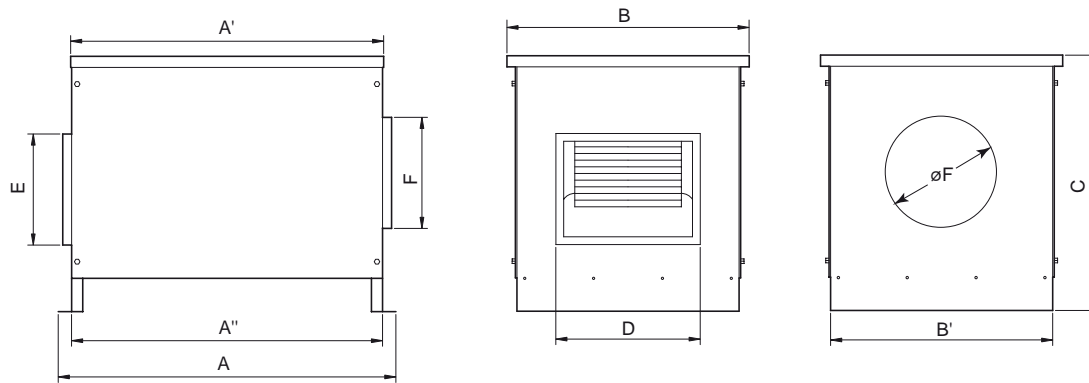


KPB belt driven box fans, with double inlet fans, belt and pulley, for higher airflows. Selection programme available as a download from [www.systemair.com](http://www.systemair.com).

## TECHNICAL DATA

Art no.		645348	645327	645329	645328	645349	645330	645332
<b>KVD</b>		<b>7-7-E4</b>	<b>7-7-E6</b>	<b>9-7-E4</b>	<b>9-7-E6</b>	<b>9-9-E4</b>	<b>9-9-E6</b>	<b>10-8-E6</b>
Voltage/Frequency	V/50 Hz	230	230	230	230	230	230	230
Power	W	146	73	370	237	550	237	237
Current	A	2.20	1.10	4.00	2.5	5.90	2.40	3.00
Max air flow	m <sup>3</sup> /s	0.47	0.47	0.76	0.70	0.88	0.72	0.71
R.p.m.	min <sup>-1</sup>	1410	880	1410	950	1450	950	950
Max temp. of transported air	°C	50	50	50	50	50	50	50
Sound pressure level at 1 m	dB(A)	58	54	61	59	64	61	63
Weight	kg	20	20	30	30	32	31	35
Insulation class, motor	F	F	F	F	F	F	F	F
Enclosure class, motor	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Wiring diagram p. 375-384		1	1	1	1	1	1	1

DIMENSIONS



KVD	A	A'	A''	B	B'	C	D	E	øF
7-7	498	458	454	457	415	442	273	253	200
9-7	548	508	504	507	465	532	336	304	250
9-9	548	508	504	507	465	532	336	304	250
10-8	648	608	604	607	565	592	371	330	300
10-10	648	608	604	607	565	592	371	330	300
12-9	698	658	654	657	615	642	434	382	350
12-12	698	658	654	657	615	642	434	382	350

VENTILATION ACCESSORIES



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Art no.		645351	645333	645334	645335	645352	645347
KVD		10-10-E4	10-10-E6	12-9-E6	12-12-E6 550W	12-12-E6 736W	12-12-D6
Voltage/Frequency	V/50 Hz	230	230	230	230	230	400
Power	W	550	237	736	525	736	1380
Current	A	6.00	3.10	8.50	6.40	9.80	5.10
Max air flow	m <sup>3</sup> /s	0.90	0.75	1.34	1.22	1.60	1.99
R.p.m.	min <sup>-1</sup>	1425	950	950	950	910	925
Max temp. of transported air	°C	50	50	50	50	50	50
Sound pressure level at 3 m	dB(A)	66	63	62	64	67	71
Weight	kg	37	36	50	50	52	52
Insulation class, motor		F	F	F	F	F	F
Enclosure class, motor		IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Wiring diagram p. 375-384		1	1	1	1	1	13b

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