8300100445

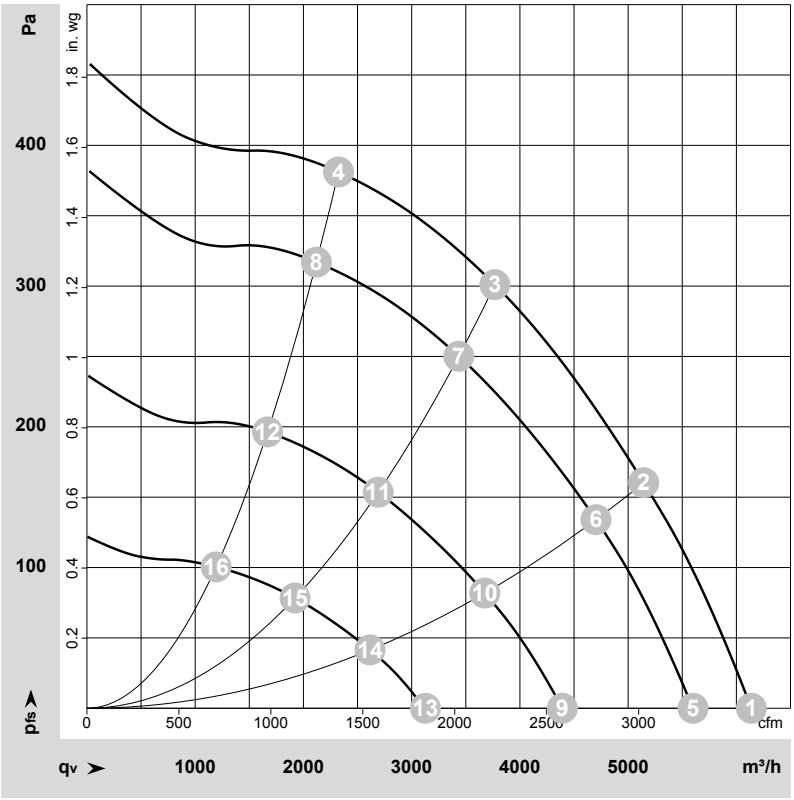
VBH0450CSPKS

EC centrifugal module - RadiPac

backward-curved, single-intake

with support bracket

Curves: Air performance 50 Hz



ρ = 1.15 kg/m³ ± 2 %

Measurement: LU-220378-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Measured values

	Wired	U	f	n	P_e	I	LpA_{in}	LwA_{in}	LwA_{out}	LwA	q_V	p_{fs}	q_V	p_{fs}
		V	Hz	min^{-1}	W	A	dB(A)	dB(A)	dB(A)	dB	m^3/h	Pa	cfm	in. wg
1	1~	230	50	1440	339	1.50	70	78	82	83	6140	0	3615	0.00
2	1~	230	50	1440	438	1.92	64	72	77	78	5145	160	3025	0.64
3	1~	230	50	1440	500	2.20	60	67	72	73	3770	300	2220	1.20
4	1~	230	50	1440	469	2.05	61	68	72	74	2325	380	1370	1.53
5	1~	230	50	1315	259	1.16	67	76	79	81	5600	0	3295	0.00
6	1~	230	50	1315	335	1.48	62	70	74	76	4700	135	2765	0.54
7	1~	230	50	1315	381	1.68	58	65	70	71	3435	250	2020	1.00
8	1~	230	50	1315	355	1.56	59	66	70	71	2120	317	1250	1.27
9	1~	230	50	1035	130	0.59	62	71	75	76	4390	0	2585	0.00
10	1~	230	50	1035	166	0.75	58	66	70	71	3675	82	2165	0.33
11	1~	230	50	1035	187	0.84	53	60	64	65	2690	154	1585	0.62
12	1~	230	50	1035	175	0.79	53	59	63	65	1670	196	980	0.79
13	1~	230	50	740	57	0.30	55	62	68	69	3125	0	1840	0.00
14	1~	230	50	740	68	0.35	48	56	63	64	2615	42	1540	0.17
15	1~	230	50	740	75	0.37	43	51	57	58	1925	78	1130	0.31
16	1~	230	50	740	72	0.36	43	50	55	56	1195	101	705	0.41

Wired = Wiring · U = Voltage · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · LpA_{in} = Sound pressure level intake side · LwA_{in} = Sound power level intake side LwA_{out} = Sound power level outlet side · q_V = Air flow · p_{fs} = Pressure increase

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