

max. 1245 m³/h

DC diagonal module

K1G 200 225 x 225 x 80 mm



- Material: Housing made of fibreglass-reinforced PA6 plastic, seven blades made of fibre-glass-reinforced PA6 plastic. Rotor coated in black
- Protected against reverse polarity and locking.
- Direction of air flow "V". Direction of rotation CW, seen on rotor.
- Type of protection: IP 20 (... 02); IP 44 (... 04). Insulation class: "B".
- Maintenance-free ball bearings.
- Control input 0-10 VDC / PWM and tach output.
- Electrical connection via connection line AWG 20, 4x brass lead tips crimped.
- Continuous operation (S1).
- Mass: 1.7 kg.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Current draw	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Curve
Type		m ³ /h	CFM	VDC	VDC	A	dB(A)	□/■	Watts	RPM	°C	Hours		
NEW	K1G 200-AD65-04	1020	600,3	24	16...28	4,7	76	■	95	3 400	-25...+60	67 000 / 33 000		1
NEW	K1G 200-AD31-02	1045	614,9	24	16...28	5,3	77	■	107	3 520	-25...+70	100 000 / 50 000		2
NEW	K1G 200-AD49-04	1095	644,4	48	36...57	3,4	77	■	120	3 650	-25...+60	80 000 / 32 000		3
NEW	K1G 200-AD37-02	1245	732,7	48	36...57	5,6	81	■	183	4 140	-25...+70	75 000 / 30 000		4

n [RPM]	P ₁ [W]	I [A]	Lw _A [dB(A)]
3400	95	4,70	76
3410	116	5,61	74
3410	119	5,75	74
3410	117	5,62	76
3520	107	5,30	77
3520	127	6,24	75
3520	129	6,31	76
3520	126	6,18	76
3650	120	3,40	77
3650	141	3,90	75
3650	145	3,99	76
3650	141	3,88	78
4140	183	5,60	81
4090	212	6,46	79
4060	213	6,52	79
4110	211	6,43	80

Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact

Suction-side noise levels: Lw_A as per ISO 13347

The acoustic values given are only valid under the measurement conditions listed and may vary depending on the installation situation.

With any deviation to the standard setup, the specific values have to be checked and reviewed once installed or fitted!

Cable assignment:

- Red = UN
- Yellow = 0-10 VDC
- White = Speed monitoring output
- Blue = GND

