

max. 1640 m³/h

DC diagonal module

K3G 200 225 x 225 x 89 mm



- Material: Housing made of fibreglass-reinforced PA6 plastic, seven blades made of fibreglass-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 16, 4x crimped core-end sleeves.
- Continuous operation (S1).
- Mass: 2.2 kg.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Current draw	Sound power level	Sintec sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ehm-papst Standard	Service life L ₁₀ (T _{max}) ehm-papst Standard	Curve
Type		m ³ /h	CFM	VDC	VDC	A	dB(A)	□/■	Watts	RPM	°C	Hours		
NEW	K3G 200-BDA3-04	1215	716,0	24	16...28	7,7	81	■	185	4 060	-25...+60	55 000 / 31 000		1
NEW	K3G 200-BDA1-02	1215	716,0	24	16...28	7,7	81	■	185	4 060	-25...+65	60 000 / 32 000		1
NEW	K3G 200-BDA4-04	1550	911,0	48	36...57	7,1	86	■	339	5 140	-25...+60	52 000 / 32 000		2
NEW	K3G 200-BDA2-02	1640	965,0	48	36...57	8,7	87	■	418	5 480	-25...+60	40 000 / 22 000		3

n [RPM]	P ₁ [W]	I [A]	L _{wA} [dB(A)]
4060	185	7,70	81
4010	204	8,48	78
4010	209	8,70	78
4020	208	8,66	79
5140	339	7,10	86
5070	373	7,78	83
5060	385	8,01	83
5080	380	7,91	84
5480	418	8,70	87
5250	421	8,77	84
5190	422	8,78	83
5240	421	8,77	85

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

Suction-side noise levels: L_{wA} 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

