

Tangential blowers with EC motor

QG 030



- DC blower with electronically commutated external rotor motor. Fully integrated commutation electronics. With electronic protection against reverse polarity, blocking and overloading by PTC-resistor; partially impedance protected.
- Motor with ball bearing system. Blower wheel mounting plate with sleeve bearings.
- Fan propeller and air duct housing of aluminium. Plastic housing ends.
- Rotational direction CW looking at rotor. Air exhaust through housing port.
- Electrical connection via 2 leads. Stripped and tinned ends.

ebm-papst · St. Georgen

Nominal data	characteristic curve	rated voltage	voltage range	air flow	noise level	power input	speed at $\Delta p 0$ Pa	perm. ambient temp.	service life L ₁₀ at 40 °C	at t _{max}	weight	Dimensions mm	
type		V DC	V DC	m ³ /h	db(A)	Watt	min ⁻¹	°C	Std.*	Std.*	kg	L	L1
QG 030-148/12	①	12	8...14	75	49	6,2	4 300	-20...+60	30 000 / 10 000		0,23	201	148
QG 030-198/12	②	12	8...14	100	51	8,0	4 250	-20...+60	30 000 / 10 000		0,29	258	198
QG 030-303/12	③	12	8...14	140	51	8,7	3 800	-20...+60	30 000 / 10 000		0,38	363	303
QG 030-353/12	④	12	8...14	155	51	9,6	3 600	-20...+60	30 000 / 10 000		0,41	413	353
QG 030-148/14	①	24	16...28	75	49	6,2	4 300	-20...+60	30 000 / 10 000		0,23	201	148
QG 030-198/14	②	24	16...28	100	51	8,0	4 250	-20...+60	30 000 / 10 000		0,29	258	198
QG 030-303/14	③	24	16...28	140	51	8,7	3 800	-20...+60	30 000 / 10 000		0,38	363	303
QG 030-353/14	④	24	16...28	155	51	9,6	3 600	-20...+60	30 000 / 10 000		0,41	413	353

*) data for service life are valid at horizontal mounting position; subject to alterations

present ebm designation:

Q2G 030-EA 21-01 → QG 030-148/12
 Q2G 030-GC 01-01 → QG 030-198/12
 Q2G 030-FB 01-01 → QG 030-303/12
 Q2G 030-ID 01-01 → QG 030-353/12
 Q2G 030-EA 19-01 → QG 030-148/14
 Q2G 030-GC 03-01 → QG 030-198/14
 Q2G 030-FB 03-01 → QG 030-303/14
 Q2G 030-ID 03-01 → QG 030-353/14

Characteristic curves

