



- 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.
- Mass 235/290/380/415 g.

ebm-papst St. Georgen

Nominal Data	Air Flow		Nominal Voltage	Voltage Range	Noise		Sleeve Bearings Ball Bearings	Power Input	Temperature Range	Service Life L ₁₀ at 40 °C		Curve	Specials
	m ³ /h	CFM			V DC	V DC				db(A)	Bel		
QG 030-148/12	75	44.1	12	8...14	49	5.7	□/■	6.2	-20...+60	30 000 / 10 000		1	
QG 030-198/12	100	58.9	12	8...14	51	5.8	□/■	8.0	-20...+60	30 000 / 10 000		2	
QG 030-303/12	140	82.4	12	8...14	51	5.8	□/■	8.7	-20...+60	30 000 / 10 000		3	
QG 030-353/12	155	91.2	12	8...14	51	5.9	□/■	9.6	-20...+60	30 000 / 10 000		4	
QG 030-148/14	75	44.1	24	16...28	49	5.7	□/■	6.2	-20...+60	30 000 / 10 000		1	
QG 030-198/14	100	58.9	24	16...28	51	5.8	□/■	8.0	-20...+60	30 000 / 10 000		2	
QG 030-303/14	140	82.4	24	16...28	51	5.8	□/■	8.7	-20...+60	30 000 / 10 000		3	
QG 030-353/14	155	91.2	24	16...28	51	5.9	□/■	9.6	-20...+60	30 000 / 10 000		4	

Previous ebm designations:

- 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

Type:	Dimension:	L	L ₁
QG 030-148/ ..		201 ^{+1.5}	148
QG 030-198/ ..		258 ^{+1.5}	198
QG 030-303/ ..		363 ^{+1.5}	303
QG 030-353/ ..		413 ^{+1.5}	353

The service life values refer to horizontal installation of the blower.

Cross-flow fans are only suitable for operation with high airflow rate and low counterpressure.

