

QG030 Series

Crossflow Blower

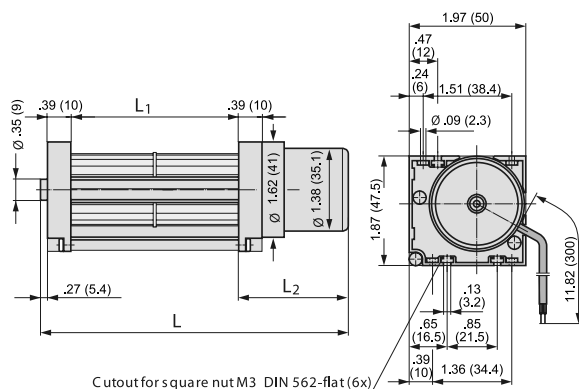
148...353mm x Ø 30mm Impeller



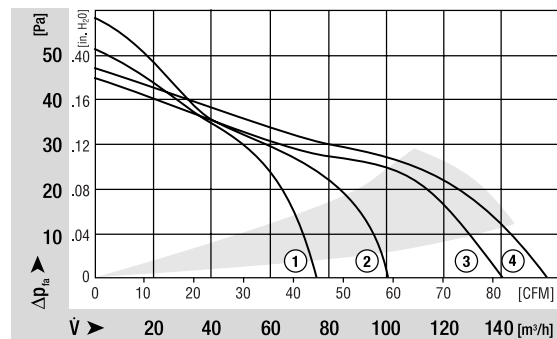
- DC blower with electronically commutated external rotor motor. Fully integrated commutation electronics. With electronic protection against reverse polarity, blockin and overloading by PTC-resistor; partially impedance protected.
- Motor with ball bearing system. Blower wheel mounting plate with sleeve bearings.

- Fan propeller and air duct housing of aluminum. Plastic housing ends.
- Rotational direction CW looking at rotor. Air exhaust through housing port.
- Electrical connection via 2 leads. Stripped and tinned ends.
- UL, CSA, VDE approvals on most models. Please contact application engineering
- Minimum order quantity may apply.

Part Number	Curve	CFM @ 0	VDC	Volt. Range	Power (W)	dBA	Max Amb. Temp C	Bearing Type	Features	Wgt. (lbs)
QG030-148/12	1	44	12	8 to 14	6.2	49	60	Ball	Leads	0.56
QG030-198/12	2	59	12	8 to 14	8	51	60	Ball	Leads	0.69
QG030-303/12	3	82	12	8 to 14	8.7	51	60	Ball	Leads	0.81
QG030-353/12	4	91	12	8 to 14	9.6	51	60	Ball	Leads	0.88
QG030-148/14	1	44	24	16 to 28	6.2	49	60	Ball	Leads	0.56
QG030-198/14	2	59	24	16 to 28	8	51	60	Ball	Leads	0.69
QG030-303/14	3	82	24	16 to 28	8.5	51	60	Ball	Leads	0.81
QG030-353/14	4	91	24	16 to 28	9.6	51	60	Ball	Leads	0.88

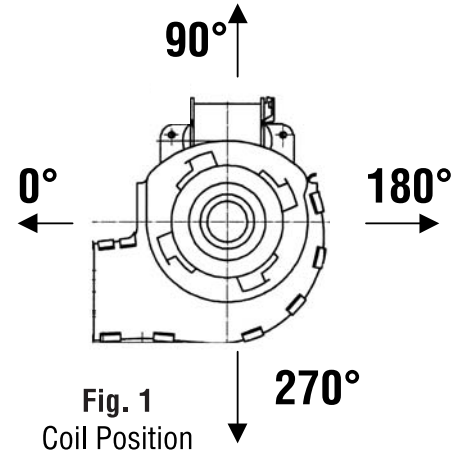
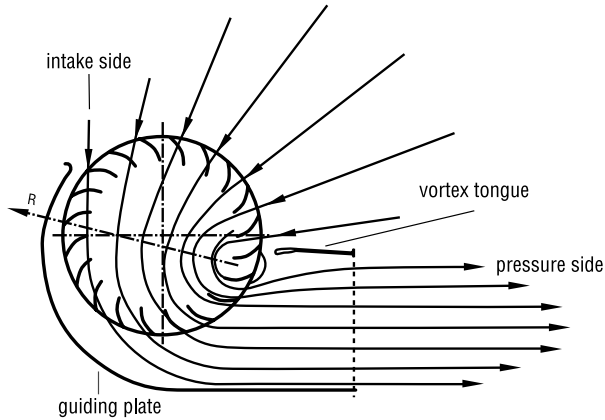


Type:	L	L1
QG030-148/ ..	7.92 (201)	5.83 (148)
QG030-198/ ..	10.17 (258)	7.80 (198)
QG030-303/ ..	14.30 (363)	11.94 (303)
QG030-353/ ..	16.27 (413)	13.91 (353)



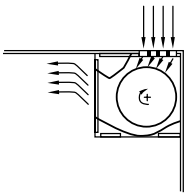
Crossflow Blower Installation Recommendations

Vortex stream through tangential blower

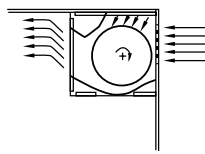


Mounting conditions for QL 4 series

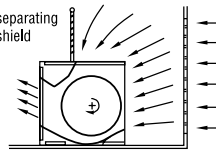
air intake from top,
covered backside



air intake from the
back, covered topside

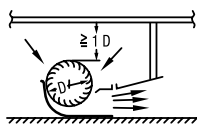
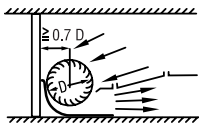


air intake from top and back

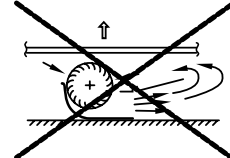
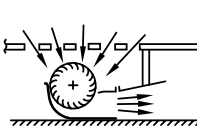
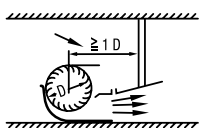
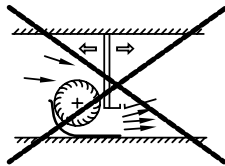


Mounting conditions on intake side QLK, QLZ, QLN

functional

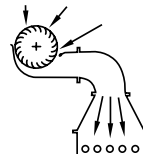
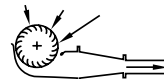
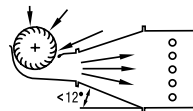


non functional

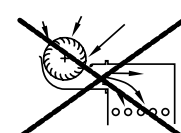
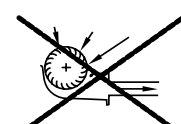
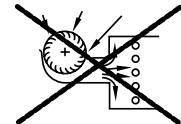


Mounting conditions on pressure side QLK, QLZ, QLN

functional

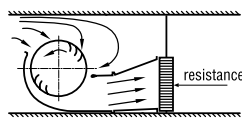


non functional

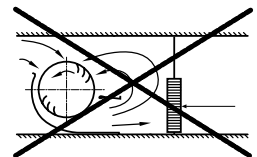


Separation of suction and pressure area

functional



non functional



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