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- The graph displays the relationship between pressure drop (Δp_{ia}) and flow rate (V) for various fan models (58, 56, 57, 62, 63, 64, 65, 66, 68, 69, 70, 71, 72, 73, 74) at different voltages (5.1V, 6.2V, 6.9V, 8.0V, 8.8V, 10V). The pressure drop is shown in Pa on the left y-axis and in in.W.G. on the right y-axis. The flow rate is shown in m^3/h on the bottom x-axis and m^3/s on the top x-axis. The graph indicates that pressure drop increases with flow rate and voltage.

$$LWA6 = LWA5 + 1 \text{ dB}$$

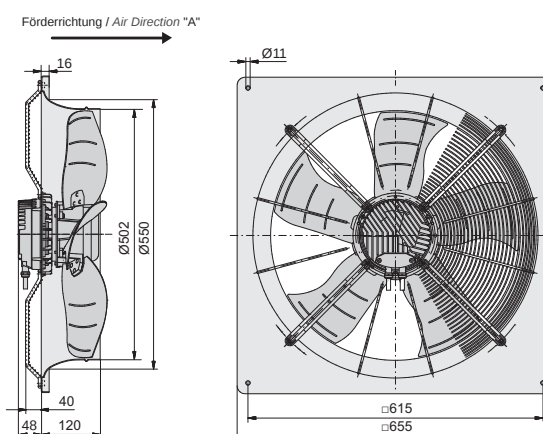
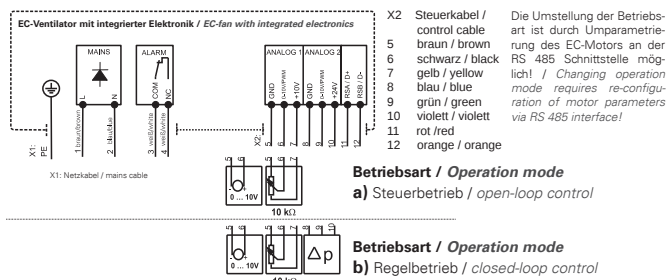

Typ / Type	Artikel-Nr. Article-No.	U [V]	f [Hz]	P [kW]	I _N [A]	n [min ⁻¹]	t _R [°C]	Geräusch* sound [dB(A)]	Schutzart prot.class	Schaltbild wiring diag.	Gewicht weight [kg]
GQ 500 N.4FF KS	E02-50000	230	50 / 60	0.45	2.6	1140	40	72 / 73	IP54	01.434 a)	13.5

*) relative total sound level: Inlet side LWA5 / Outlet side LWA6 at $V=0.5 \times V_{max}$

Maße / Dimensions: [mm]

LWArel A-bewertet bei $V=0,5 \cdot V_{\max}$ LWArel A-weighted at $V=0,5 \cdot V_{\max}$		fM [Hz]						
		125	250	500	1K	2K	4K	8K
LWA5 [dB(A)]	Ansaugseite / <i>inlet side</i>	-16	-14	-9	-6	-5	-7	-14
LWA6 [dB(A)]	Ausblasseite / <i>outlet side</i>	-14	-12	-8	-5	-6	-8	-19

01.434



POT 1	POT 2	POT 3	GS 1	VK
Art.-Nr. H55-00049	Art.-Nr. H55-00055	Art.-Nr. H55-00068	Art.-Nr. H80-00230	Art.-Nr. V00-50000