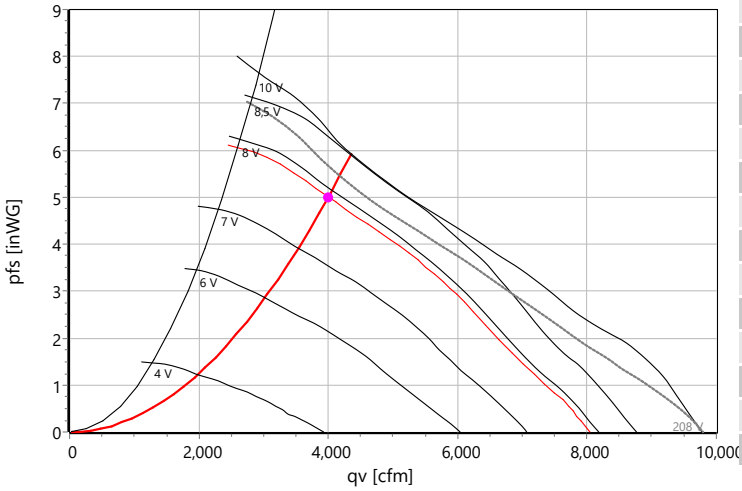
Type: **GKHM 450-CII.147.6IF IE Gen3+**
Module

Part no.: N88-45702

Curve:



ρ: 1.15 kg/m³ ; Data @ 230 V

Operating Point:

q_V	4000	cfm
p_{fs}	5	inWG
p_{fd}	0.14	inWG
$\eta_{ed,fs}$	63	%
$\eta_{ed,tot}$	65	%
P_{ed}	3.72	kW
I	9.8	A
n	2304	r/min
$L_WA_{A,IN}$	83	dB(A)
U_C	7.9	V
v	25.28	ft/s
SFP	1975	Ws/m³
$t_{R,OP}$	53	°C
$p_{Düse}$	3	inWG

Fan Energy Index:

according to AMCA 208-18		
FEI	1.4	

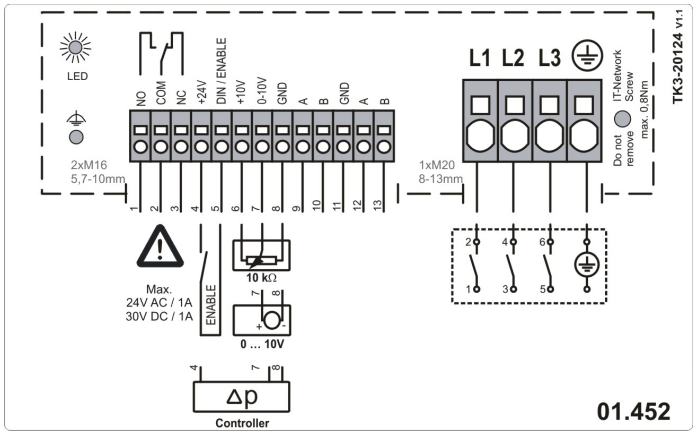
Nominal Data:

U [V]	f [Hz]	Data @ [V]	P_{ed} [kW]	I_N [A]	n_N [r/min]	t_R [°C]	k_{10} [m²s/h]	Eff.-Rating	IP	m [kg]
3~200-240	50/60	230	4.86	12.8	2500	-25 .. +40	191	IE5	IP 54	43
		208	4.1	12	2360					

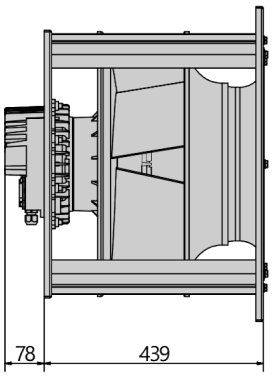
Sound Data:

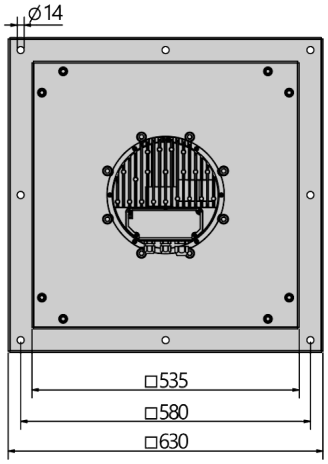
Frequency	Σ	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
LwA(A,in) [dB(A)]	83	44	54	76	76	76	75	75	72	LpA(A,in) [dB(A)]	76	66
LwA(A,out) [dB(A)]	89	56	60	83	83	83	80	79	73	LpA(A,out) [dB(A)]	82	72

Wiring Diagram:



Drawing:





Over 8V setpoint complies with IEC 60034-30-2 minimum requirements for IE4.
Attention: Start-up times up to ~ 20 - 60 sec. depending on motor-impeller combination, motor load and number of operation.
Please note during project planning (e.g. for condenser units in refrigeration circuits)!

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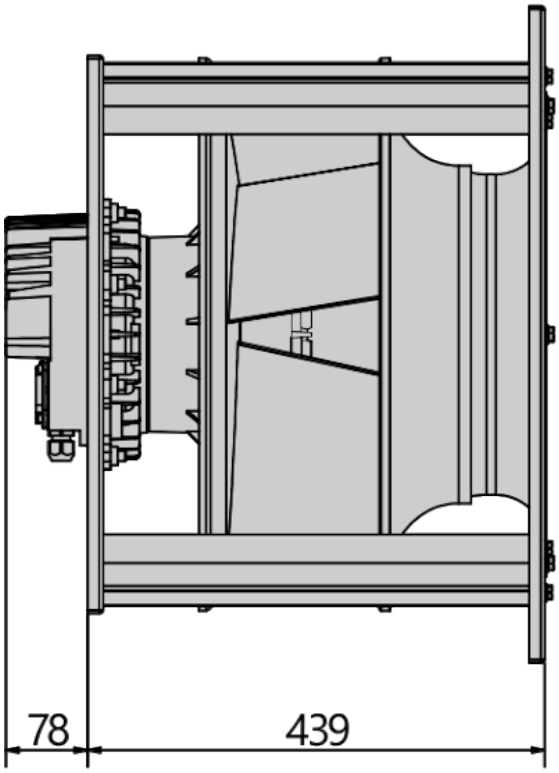

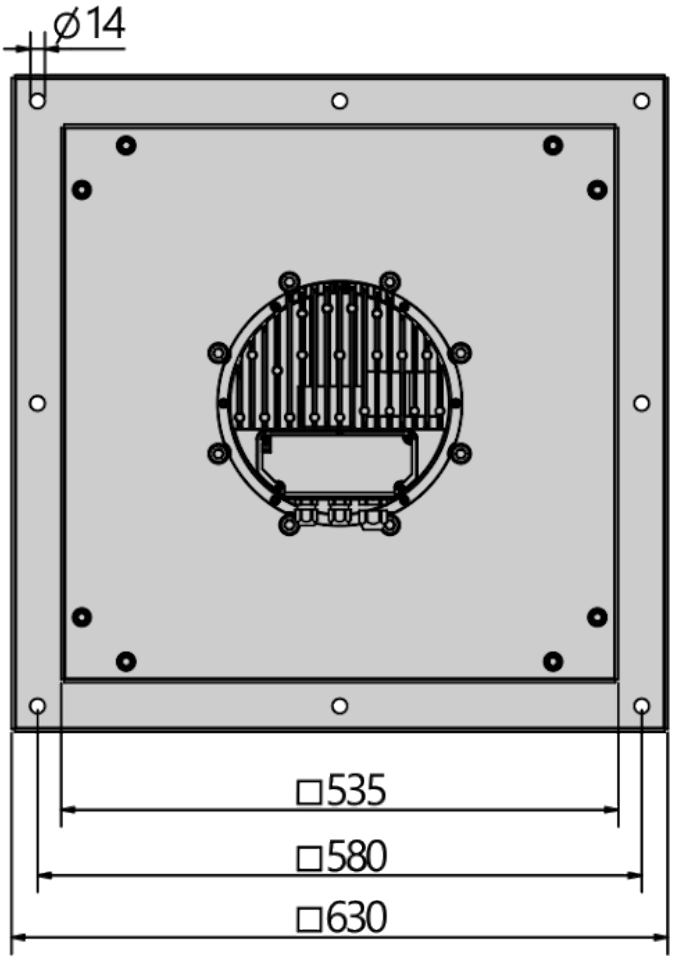

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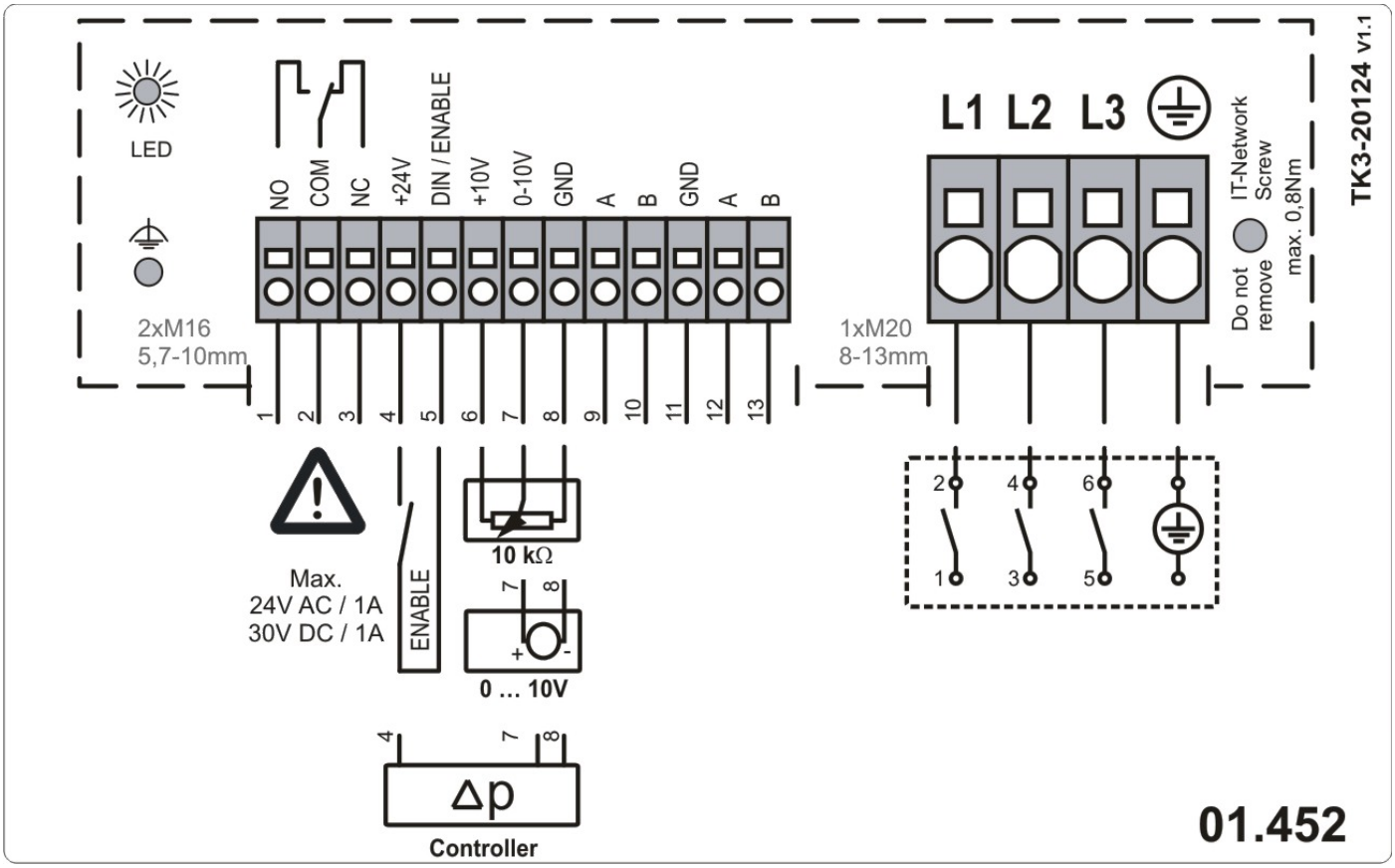

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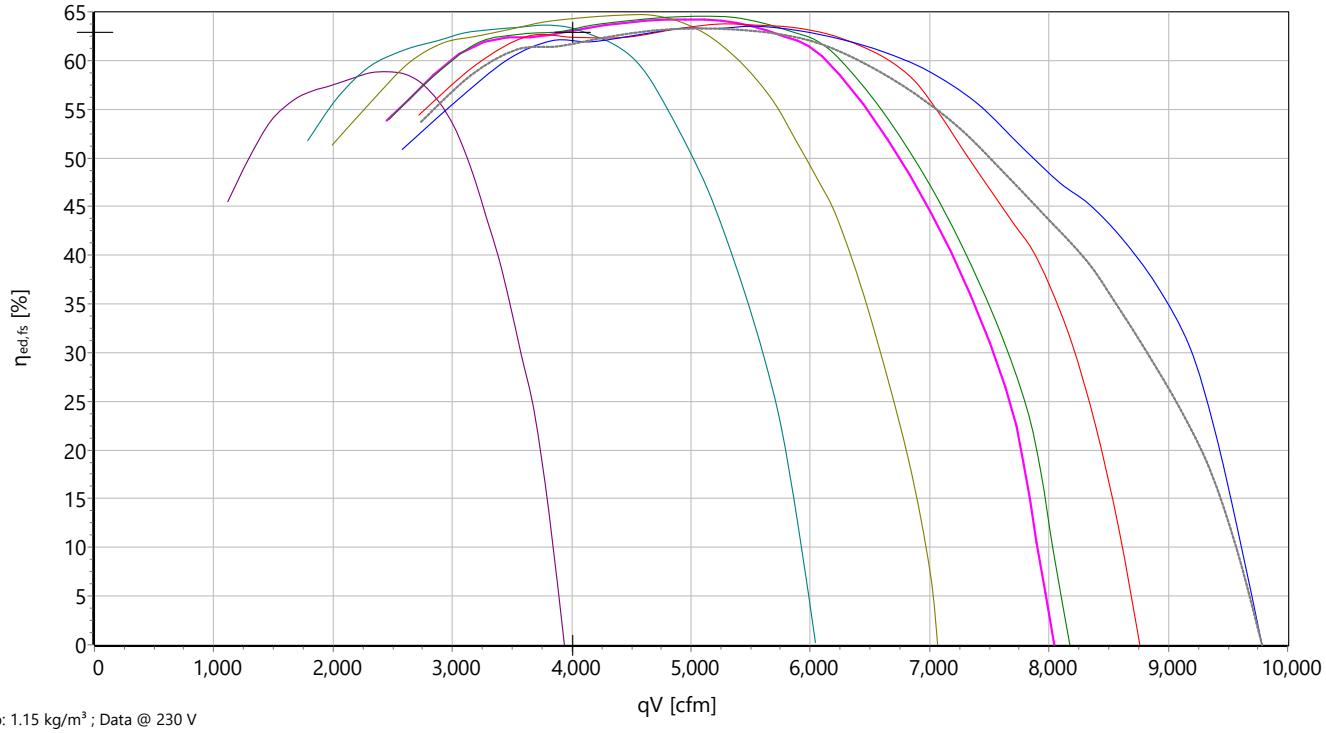
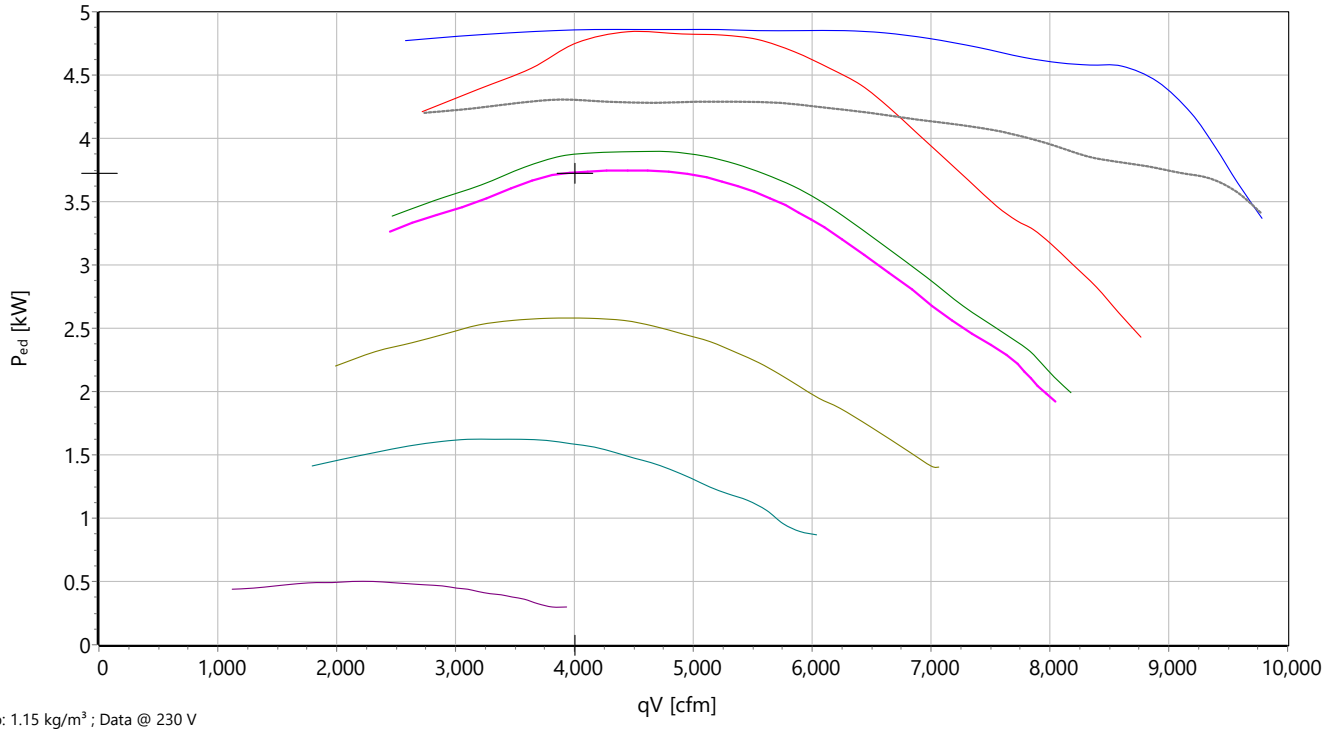
stat. Efficiency



ρ: 1.15 kg/m³ ; Data @ 230 V

Input power



ρ: 1.15 kg/m³ ; Data @ 230 V

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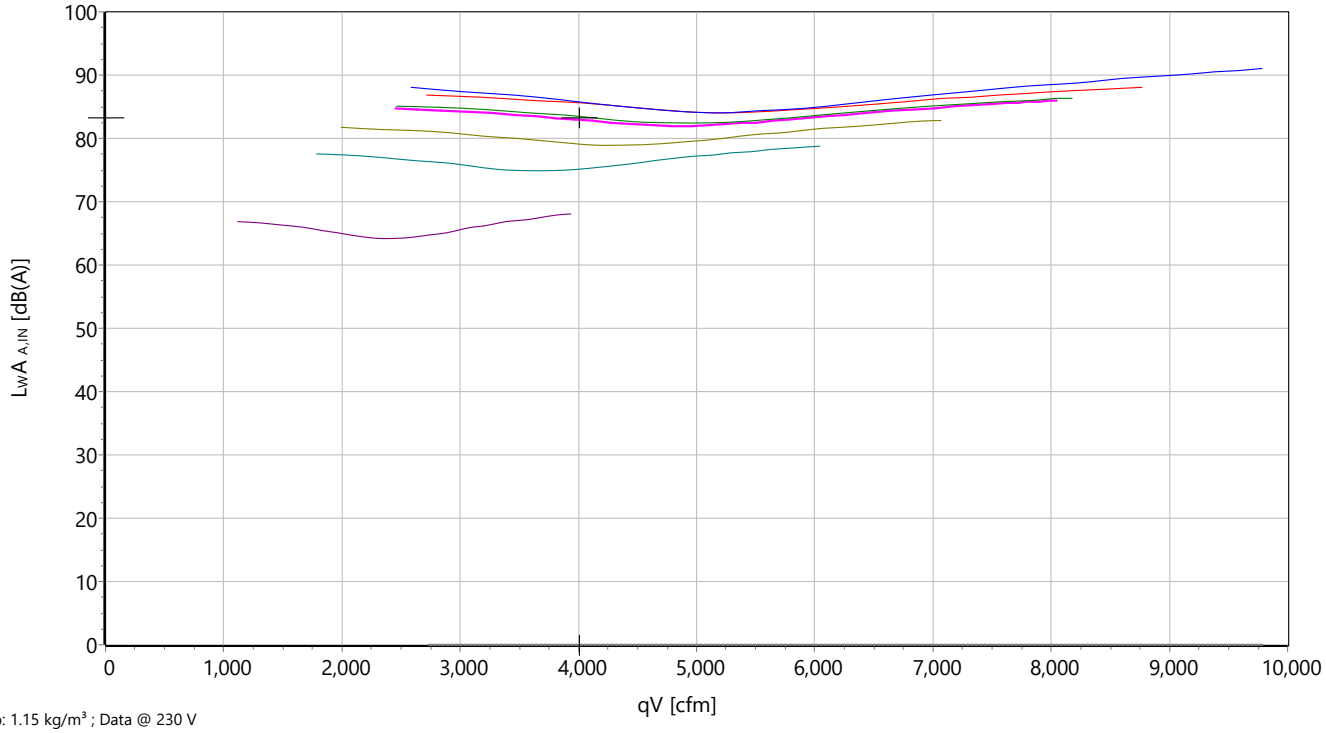
Type: **GKHM 450-CII.147.6IF IE Gen3+**
Module

Part no.: N88-45702

Sound power



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