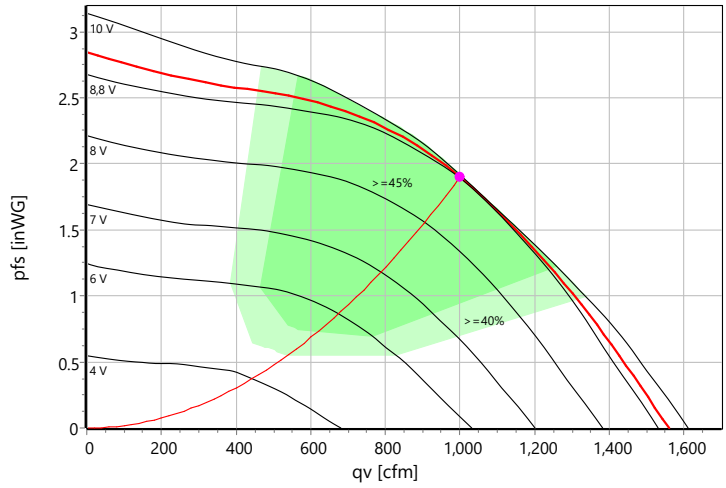
Data Sheet

RoVent® 10

Type: **GKHR 280-CIE.065.4EA IE HP**

Part no.: N42-28002

Curve:



ρ: 1.21 kg/m³ ; Data @ 120 V

Operating Point:

q_v	1000	cfm
p_{fs}	1.9	inWG
p_{fd}	0.2	inWG
$\eta_{ed,fs}$	54	%
$\eta_{ed,tot}$	59	%
P_{ed}	0.413	kW
I	3.6	A
n	2865	r/min
$L_{WA\ A,OUT}$	76	dB(A)
U_C	9.1	V
v	27.1	ft/s
SFP	875	Ws/m³
$t_{R,\ OP}$	40	°C

Fan Energy Index:

AMCA 208-18		
FEI	1.85	

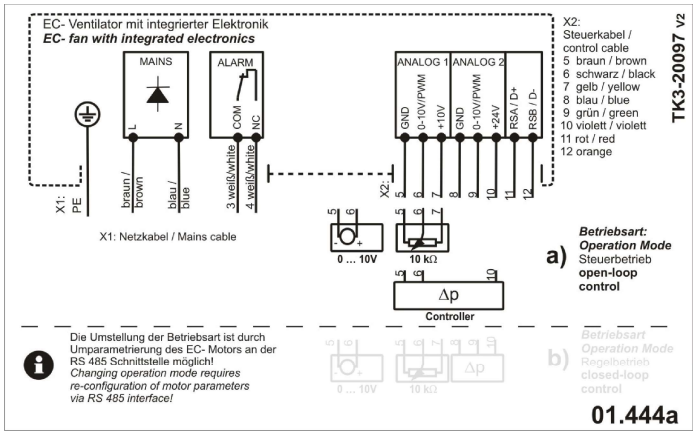
Nominal Data:

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]
1~100-130	50/60	120	0.4	3.5	2900	-25 .. +40	72	IE4	IP 54	4.7

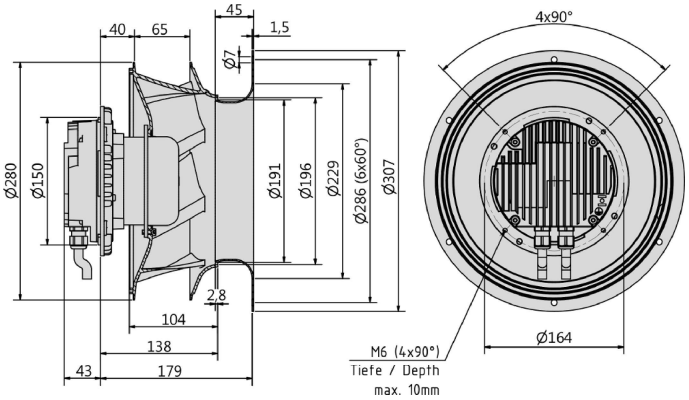
Sound Data:

Frequency	Σ	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
LwA(A,in) [dB(A)]	71	38	45	60	66	65	65	59	56	LpA(A,in) [dB(A)]	64	53
LwA(A,out) [dB(A)]	76	44	51	65	71	70	70	65	59	LpA(A,out) [dB(A)]	69	58

Wiring Diagram:



drawing:



Data @ 110V: 0,38 kW; 3,66 A; 2820 1/min