



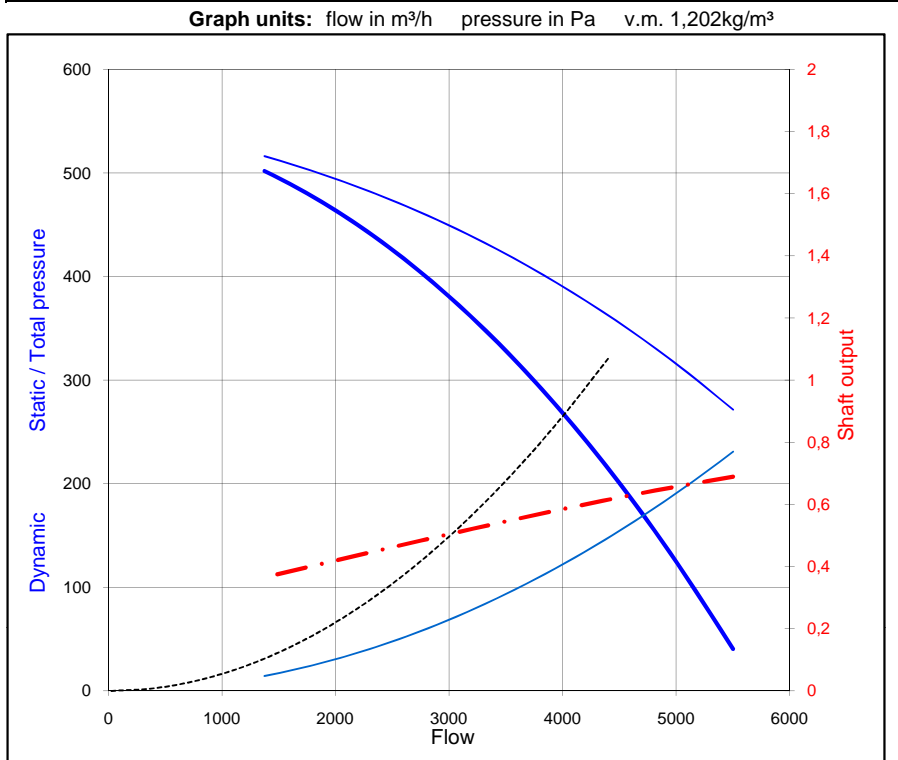
**FAN DATA SHEET**

**Fantype:** CV-315/1 V-2008 03o 1-0-1,4

Requested data		
flow	4000 m³/h	
static pressure	265 Pa	1,202 kg/m³

<b>Client:</b>	<b>offer:</b>
<b>Project:</b>	<b>order:</b>
<b>Remarks:</b>	

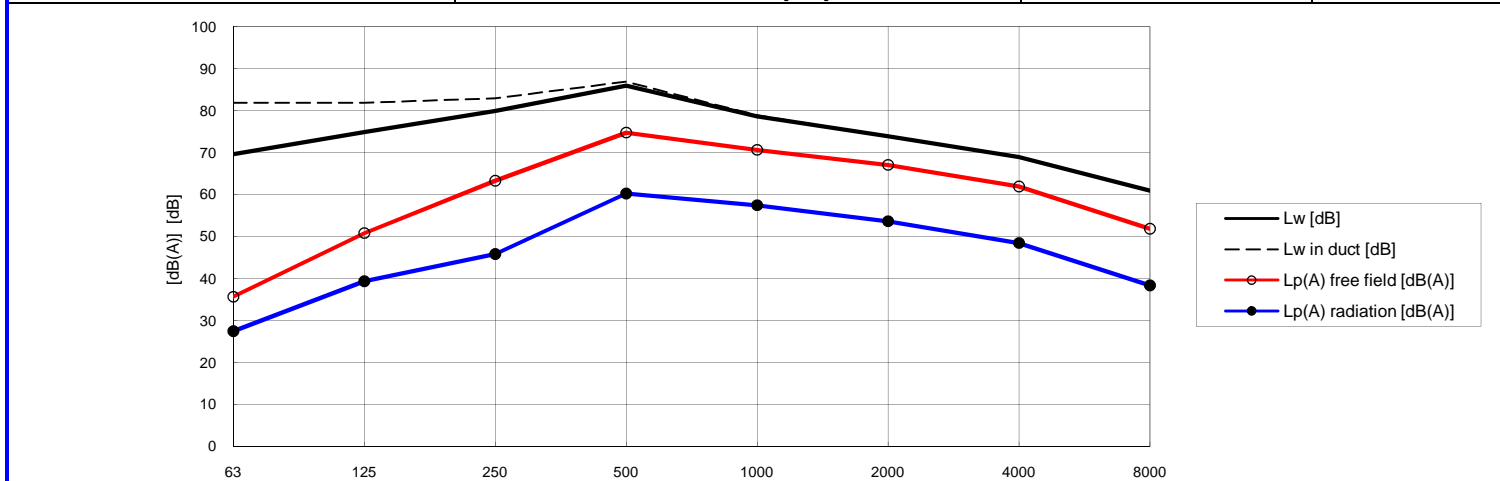
Operating data		
flow duty point		m³/h
pressure	static	265 Pa
	total	387 Pa
	dynamic	122 Pa
temperature medium		20 °C
specific mass		1,202 kg/m³
power duty point		0,58 kW
efficiency		74 %
velocity	outlet	14,3 m/s
	inlet	14,3 m/s
motor	4 pole	tipspeed 30 m/s



Dimensions		
impeller diam	400 mm	Inertia 0,14 kgm²
approx starting up time DOL	2 sec	
type of blades	16x	backward
material impeller	St37	housing Alu 226
blade frequency	387 Hz	
outlet	diameter	315 mm
inlet	diameter	315 mm

Electric data motor		
power	0,75 kW	4 poles
voltage	230V V	50 Hz
current, full load (In)	5,55 Amp	3,5 Is/In

Amount		1	[-]	distance free field	1	[m]	Remarks
Silencer	none			acoustic isolation		[mm]	no + reverberated no correction no



				63	125	250	500	1000	2000	4000	8000Hz
Sound power level PWL	Lw	<b>88,0</b>	[dB]	70	75	80	86	79	74	69	61
		<b>85,0</b>	[dB(A)]	44	59	71	83	79	75	70	60
Sound power level in duct PWL	Lw	<b>90,5</b>	[dB]	82	82	83	87	79	74	69	61
	Lw(A)	<b>85,9</b>	[dB(A)]	56	66	74	84	79	75	70	60
Sound pressure level free field SPL free in- or outlet	Lp	<b>80,1</b>	[dB]	62	67	72	78	71	66	61	53
	Lp(A)	<b>77,1</b>	[dB(A)]	36	51	63	75	71	67	62	52
Sound pressure level free field SPL radiation housing	Lp	<b>65,9</b>	[dB]	53	55	54	63	57	52	47	39
	Lp(A)	<b>62,9</b>	[dB(A)]	27	39	46	60	57	54	48	38

user: s.geraedts 11-4-2008

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