



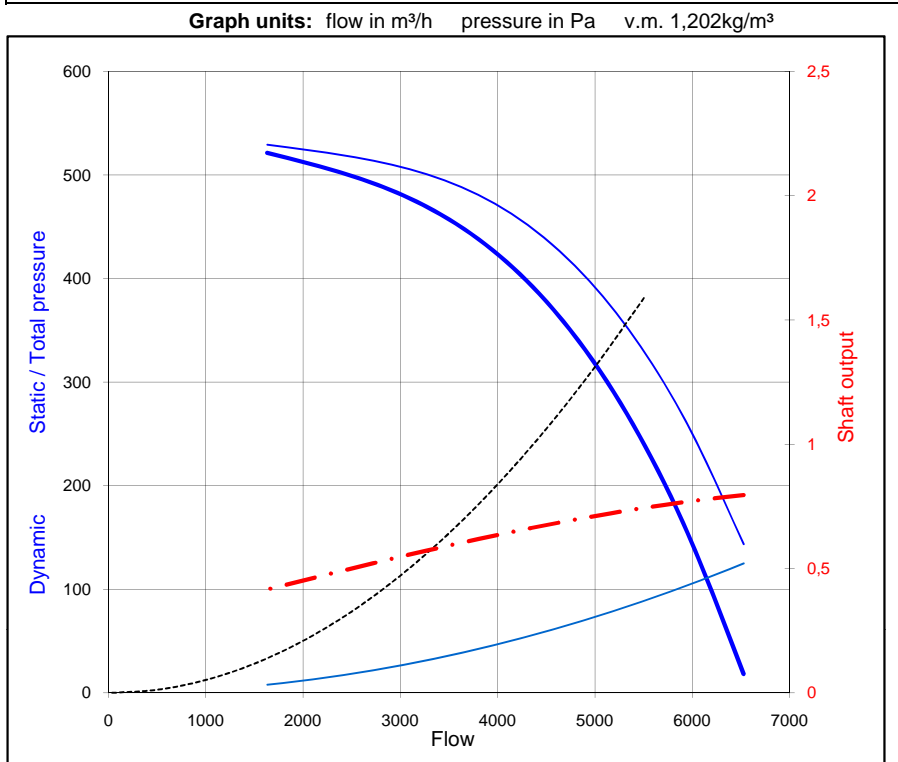
**FAN DATA SHEET**

**Fantype:** CV-400/1 V-2008 03o 1-0-1,4

Requested data		
flow	5000 m³/h	
static pressure	315 Pa	1,202 kg/m³

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

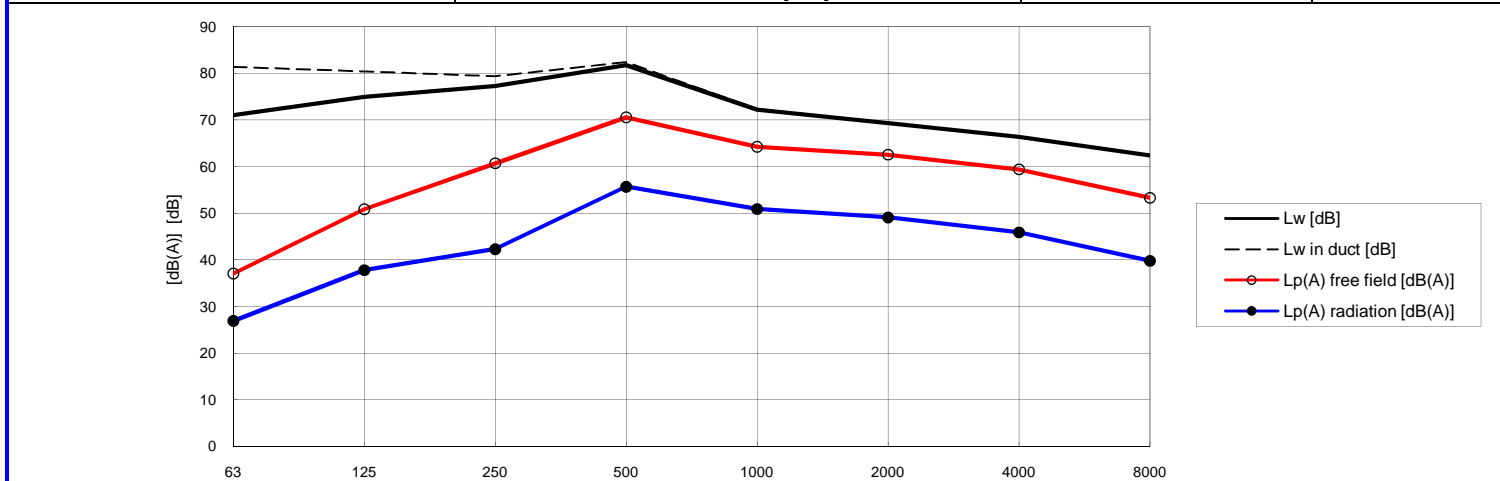
Operating data		
flow duty point		m³/h
pressure	static	315 Pa
	total	388 Pa
	dynamic	73,4 Pa
temperature medium		20 °C
specific mass		1,202 kg/m³
power duty point		0,71 kW
efficiency		76 %
velocity	outlet	11,1 m/s
	inlet	11,1 m/s
motor	4 pole	tipspeed 30 m/s



Dimensions		
impeller diam	400 mm	Inertia 0,13 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	400 mm
inlet	diameter	400 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>84,5</b>	[dB]	71	75	77	82	72	69	66	62
		<b>80,6</b>	[dB(A)]	45	59	69	79	72	71	67	61
Sound power level in duct PWL	Lw	<b>87,3</b>	[dB]	81	80	79	82	72	69	66	62
	Lw(A)	<b>81,3</b>	[dB(A)]	55	64	71	79	72	71	67	61
Sound pressure level free field SPL free in- or outlet	Lp	<b>76,5</b>	[dB]	63	67	69	74	64	61	58	54
	Lp(A)	<b>72,6</b>	[dB(A)]	37	51	61	71	64	63	59	53
Sound pressure level free field SPL radiation housing	Lp	<b>62,0</b>	[dB]	53	54	51	59	51	48	45	41
	Lp(A)	<b>58,1</b>	[dB(A)]	27	38	42	56	51	49	46	40

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