



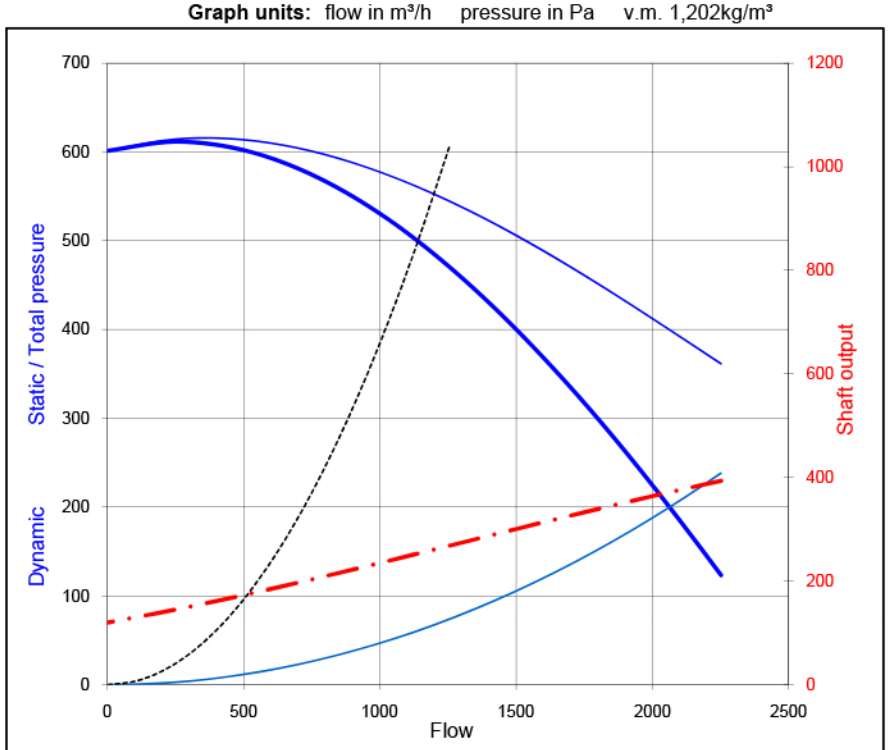
## FAN DATA SHEET

**Fantype:** CV-200/1 V-2008 03o 1-0-1,4

Requested data		
flow	1140 m³/h	
static pressure	500 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	500 Pa
	total	561 Pa
	dynamic	61 Pa
temperature medium		20 °C
specific mass		1,202 kg/m³
power duty point		253 Watt
efficiency		70 %
velocity	outlet	10,1 m/s
	inlet	10,1 m/s
motor	4 pole	
	tipspeed	27 m/s

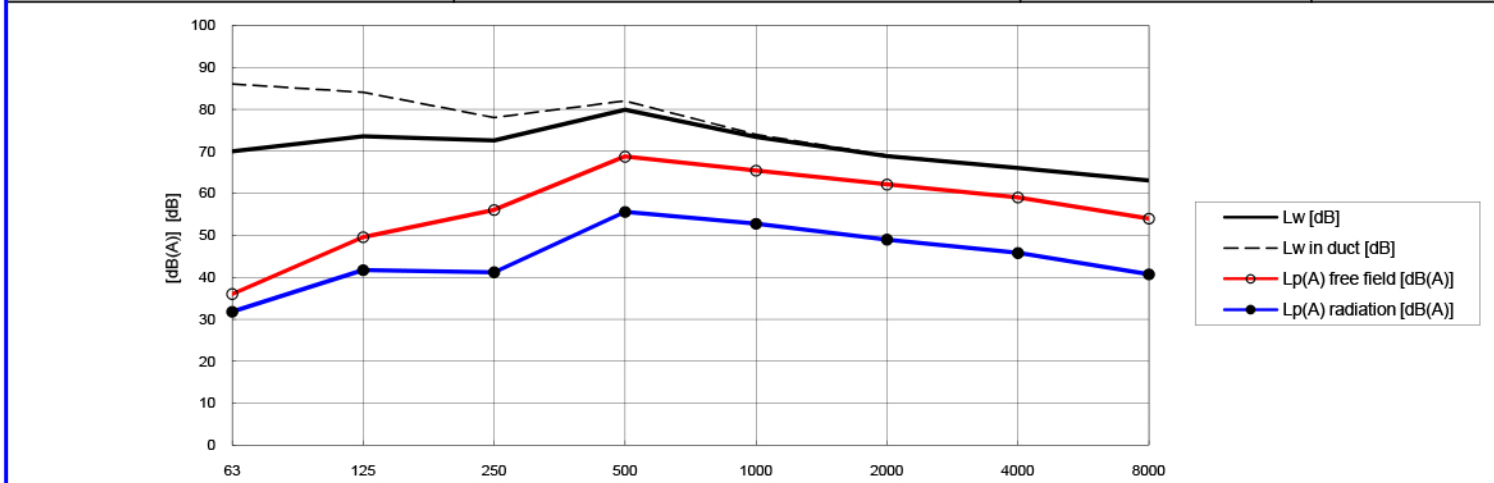


Dimensions			
impeller diam	360 mm	Inertia	0,09 kgm²
approx starting up time DOL			sec
type of blades	16x	radial	
material impeller	Alu 226	housing	Alu 226
blade frequency			387 Hz
outlet	diameter	200 mm	
inlet	diameter	200 mm	

Electric data motor		
power	0,3 kW	4 poles
voltage	230V V	50 Hz
current, full load (In)	2,2 Amp	3,1 Is/In

### Noise data

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>82,7</b>	[dB]	70	74	73	80	73	69	66	63
		<b>79,5</b>	[dB(A)]	44	58	64	77	73	70	67	62
Sound power level in duct PWL	Lw	<b>89,7</b>	[dB]	86	84	78	82	74	69	66	63
	Lw(A)	<b>81,3</b>	[dB(A)]	60	68	69	79	74	70	67	62
Sound pressure level free field SPL	Lp	<b>74,7</b>	[dB]	62	66	65	72	65	61	58	55
	Lp(A)	<b>71,5</b>	[dB(A)]	36	50	56	69	65	62	59	54
Sound pressure level free field SPL radiation housing	Lp	<b>63,7</b>	[dB]	58	58	50	59	53	48	45	42
	Lp(A)	<b>58,5</b>	[dB(A)]	32	42	41	56	53	49	46	41

