



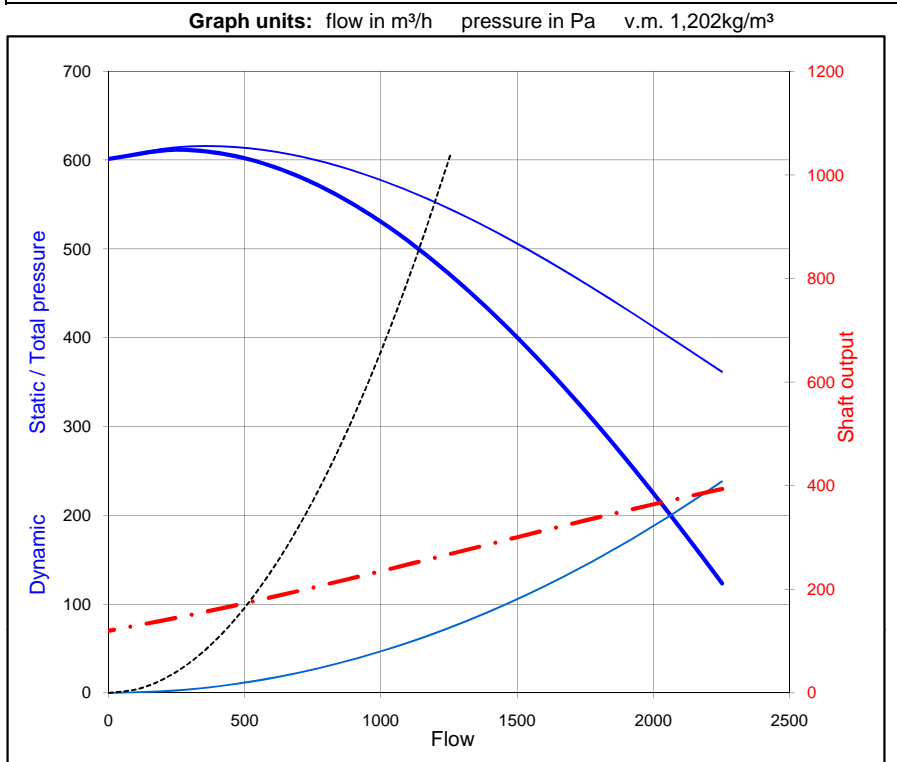
FAN DATA SHEET

Fantype: CV-200/1	V-2008 03o	1-0-1,4
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Requested data		
flow	1140 m³/h	
static pressure	500 Pa	1,202 kg/m³

Client:	offer:
Project:	order:
Remarks:	

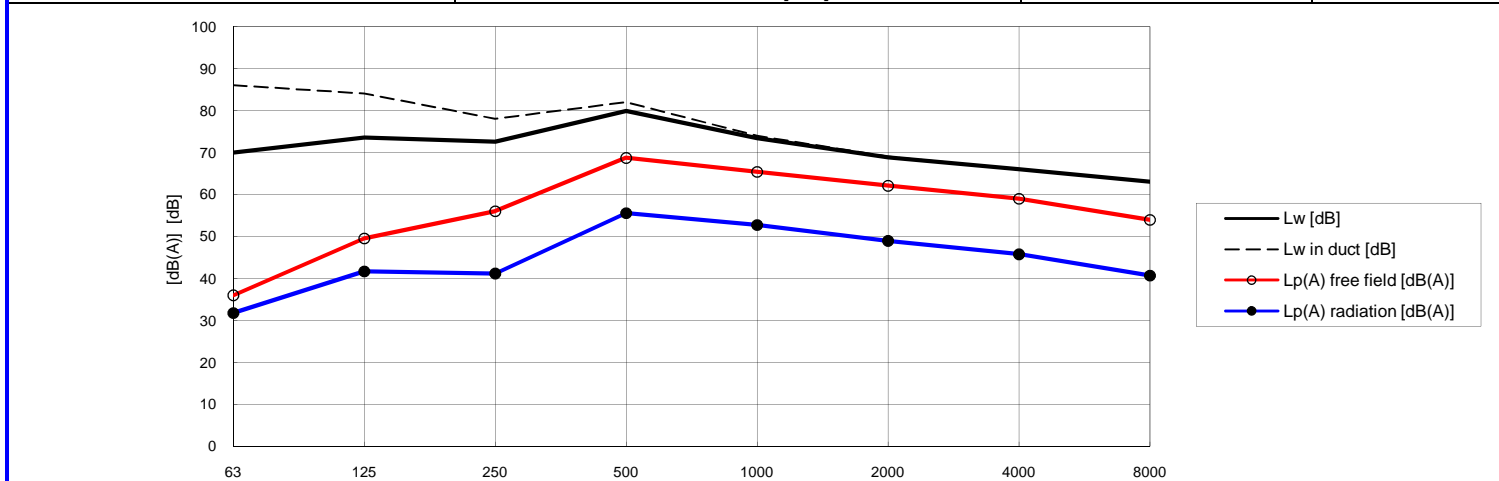
Operating data		
flow duty point		m³/h
pressure	static	500 Pa
	total	561 Pa
	dynamic	61 Pa
temperature medium		20 °C
specific mass		1,202 kg/m³
power duty point		253 Watt
efficiency		70 %
velocity	outlet	10,1 m/s
	inlet	10,1 m/s
motor	4 pole	tipspeed 27 m/s



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]
Silencer	none	Remarks
	acoustic isolation [mm]	no + reverberated no correction no



				63	125	250	500	1000	2000	4000	8000Hz
Sound power level PWL	Lw	82,7	[dB]	70	74	73	80	73	69	66	63
		79,5	[dB(A)]	44	58	64	77	73	70	67	62
Sound power level in duct PWL	Lw	89,7	[dB]	86	84	78	82	74	69	66	63
	Lw(A)	81,3	[dB(A)]	60	68	69	79	74	70	67	62
Sound pressure level free field SPL	Lp	74,7	[dB]	62	66	65	72	65	61	58	55
	free in- or outlet Lp(A)	71,5	[dB(A)]	36	50	56	69	65	62	59	54
Sound pressure level free field SPL radiation housing	Lp	63,7	[dB]	58	58	50	59	53	48	45	42
	Lp(A)	58,5	[dB(A)]	32	42	41	56	53	49	46	41

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