



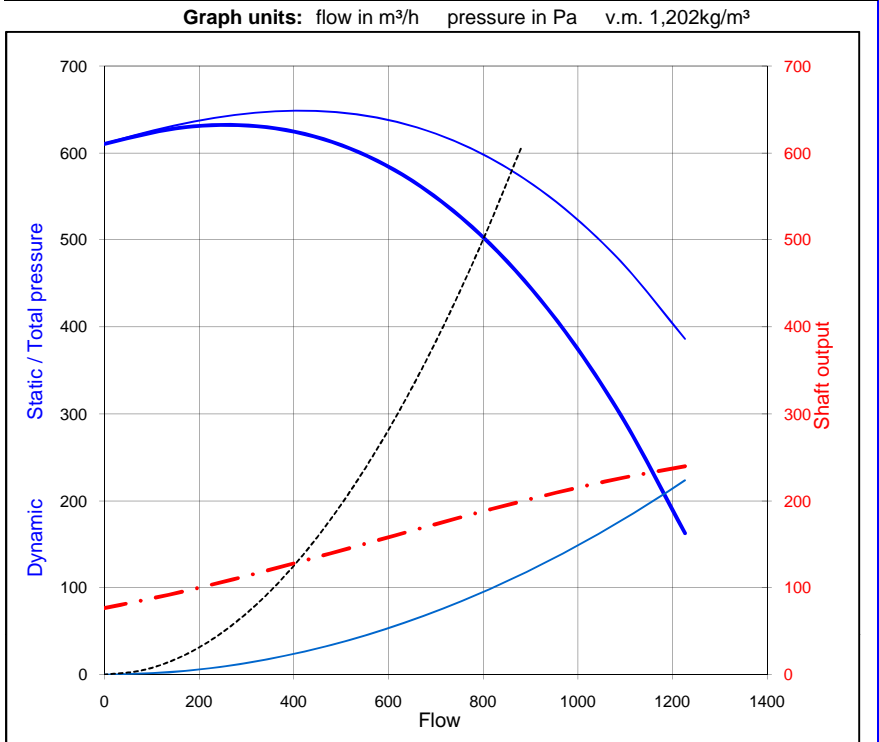
FAN DATA SHEET

Fantype: CV-150/1 V-2008 03o 1-0-1,4

Requested data		
flow	800 m³/h	
static pressure	500 Pa	1,202 kg/m³

Client:	offer:
Project:	order:
Remarks:	

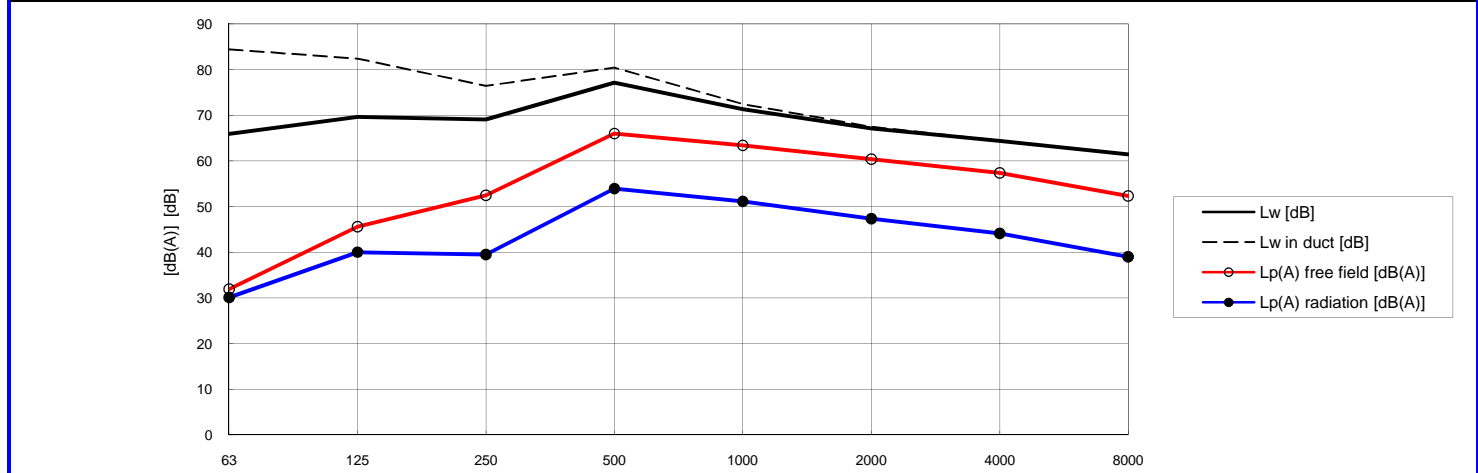
Operating data		
flow duty point	m³/h	
pressure	static	500 Pa
	total	595 Pa
	dynamic	95 Pa
temperature medium	20 °C	
specific mass	1,202 kg/m³	
power duty point	188 Watt	
efficiency	70 %	
velocity	outlet	12,6 m/s
	inlet	12,6 m/s
motor	4 pole	tipspeed 27 m/s



Dimensions			
impeller diam	360 mm	Inertia	0,08 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	150 mm	
inlet	diameter	150 mm	

Electric data motor		
power	0,25 kW	4 poles
voltage	230V V	50 Hz
current, full load (In)	2,2 Amp	3,1 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	79,9	[dB]	66	70	69	77	71	67	64	61
		77,1	[dB(A)]	40	54	60	74	71	68	65	60
Sound power level in duct PWL	Lw	88,0	[dB]	84	82	76	80	72	67	64	61
	Lw(A)	79,7	[dB(A)]	58	66	68	77	72	69	65	60
Sound pressure level free field SPL	Lp	71,9	[dB]	58	62	61	69	63	59	56	53
	free in- or outlet	Lp(A)	69,1	[dB(A)]	32	46	53	66	63	60	52
Sound pressure level free field SPL radiation housing	Lp	62,1	[dB]	56	56	48	57	51	46	43	40
		Lp(A)	56,9	[dB(A)]	30	40	40	54	51	47	39

user: s.geraedts 11-4-2008

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