



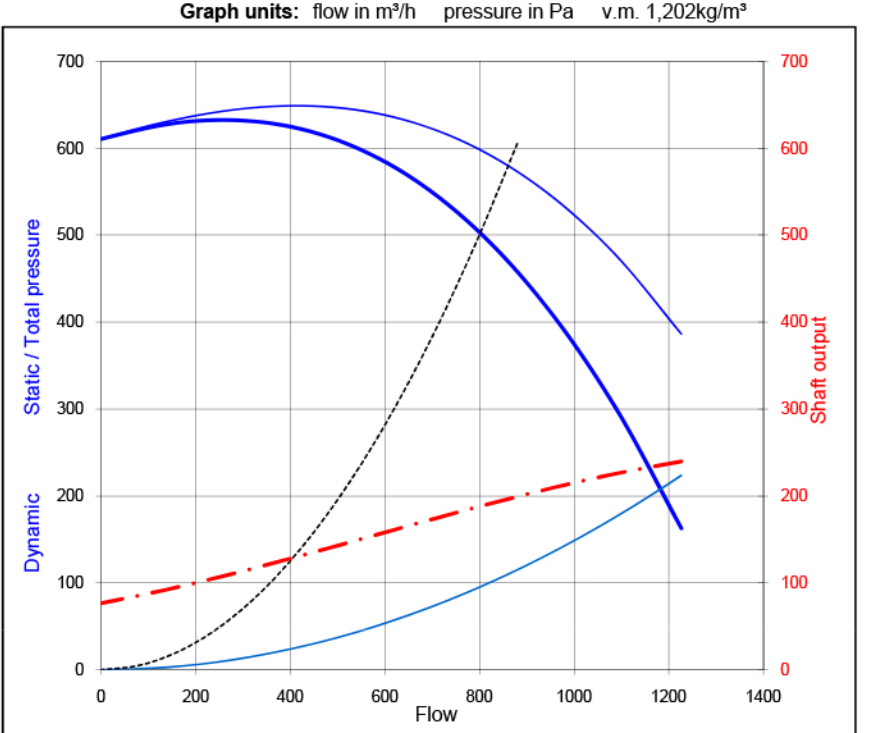
FAN DATA SHEET

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:	

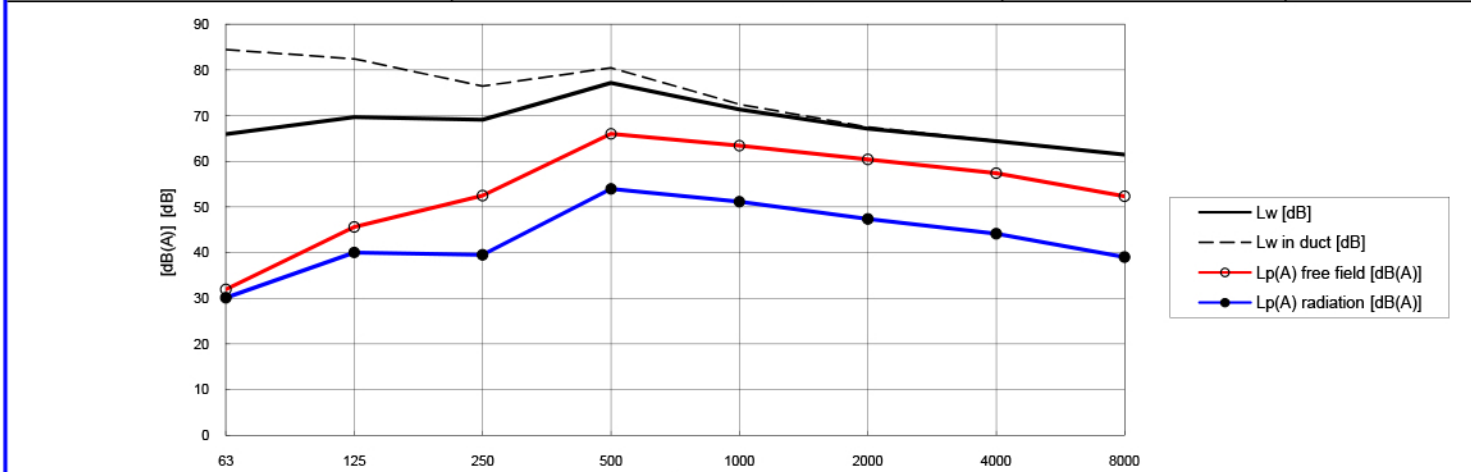
Operating data		
flow duty point		m³/h
pressure	static	500 Pa
	total	595 Pa
	dynamic	95 Pa
temperature medium		20 °C
specific mass		1,202 kg/m³
power duty point		188 Watt
efficiency		70 %
velocity	outlet	12,6 m/s
	inlet	12,6 m/s
motor	4 pole	tipspeed
		27 m/s



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

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	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 free in- or outlet	Lp	71,9	[dB]	58	62	61	69	63	59	56	53
	Lp(A)	69,1	[dB(A)]	32	46	53	66	63	60	57	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	44	39