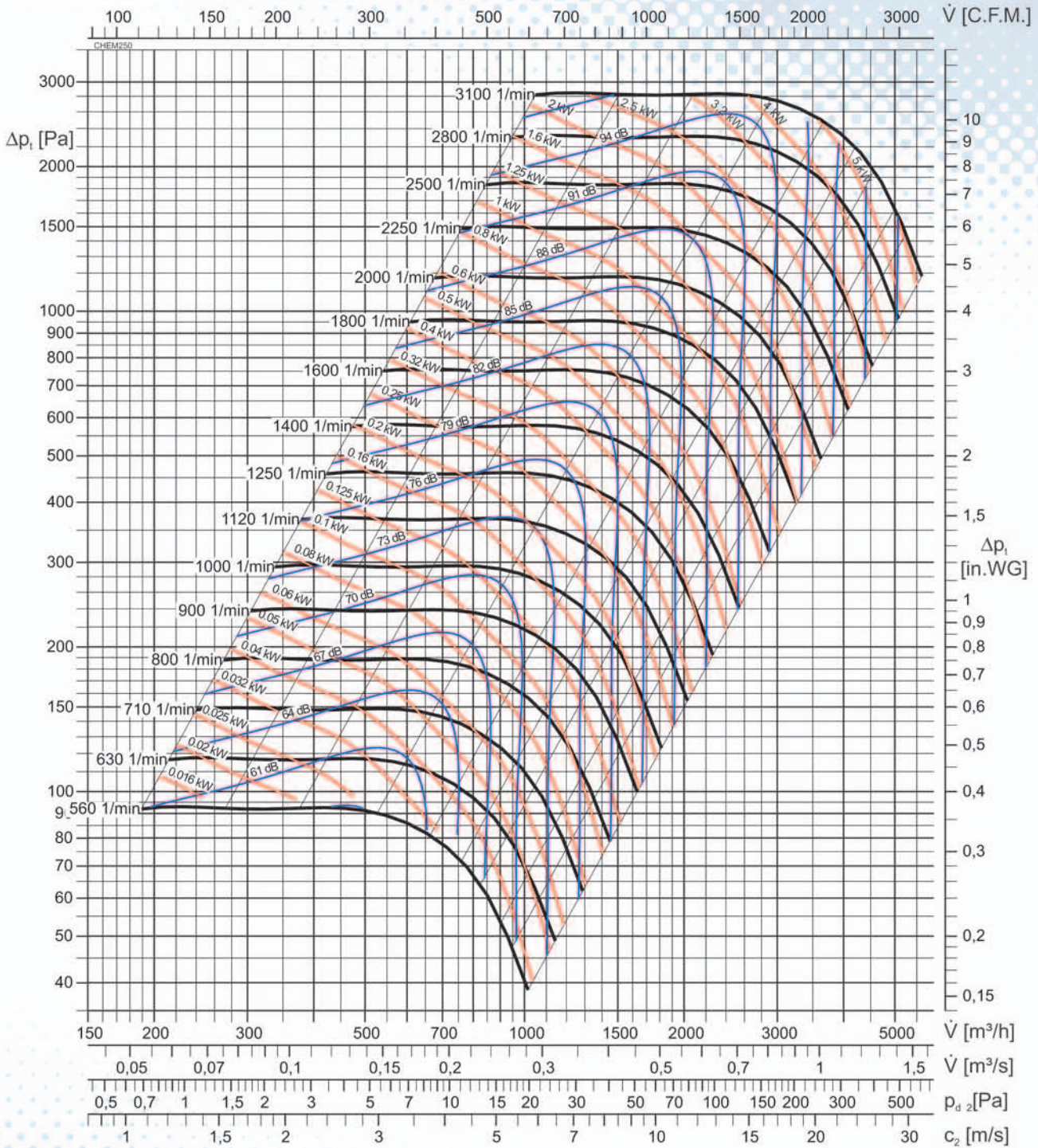


CHEM 250

Viftekurve

Densitet = 1.2 kg/m³



A-weighted Sound power level L_{WA} is quoted in the diagram.
A-sound pressure level L_{PA} at 1 meter distance.

$$L_{PA}[\text{dB(A)}] = L_{WA}[\text{dB(A)}] - 7[\text{dB}]$$

Octave sound power level L_{Wokt} :

$$L_{Wokt}[\text{dB}] = L_{WA}[\text{dB(A)}] + \Delta L[\text{dB}]$$

Relative frequency spectrum ΔL in dB/Okt.

n[1/min] rpm	Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
560 - 1800	1,9	1,8	0,2	-1,0	-5,9	-9,4	-17,4	-29,2
2000 - 3100	-1,0	-1,0	-3,0	-3,0	-4,5	-7,0	-14,2	-24,0



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