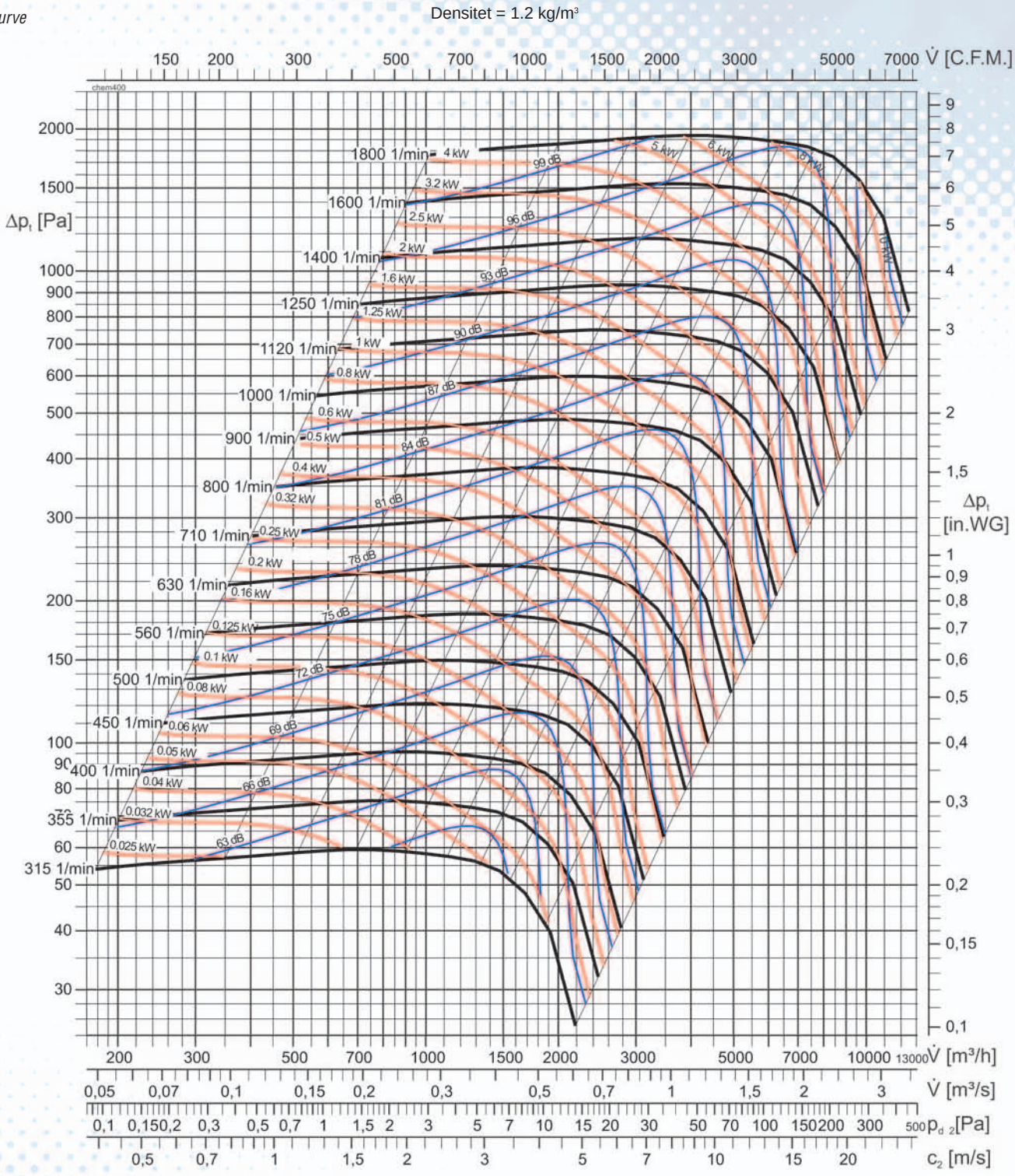
CHEM 400

Viftekurve



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

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

Octave sound power level L_{Wokt}:

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

Relative frequency spectrum ΔL in dB/Okt.

n[1/min]	Octgave b. midfreq. [Hz]							
rpm	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
315 - 1000	0,6	-3,0	-1,5	-1,4	-3,9	-10,6	-16,8	-26,2
1120 - 1800	-2,7	-3,5	0,2	-2,5	-4,7	-8,2	-16,8	-25,8