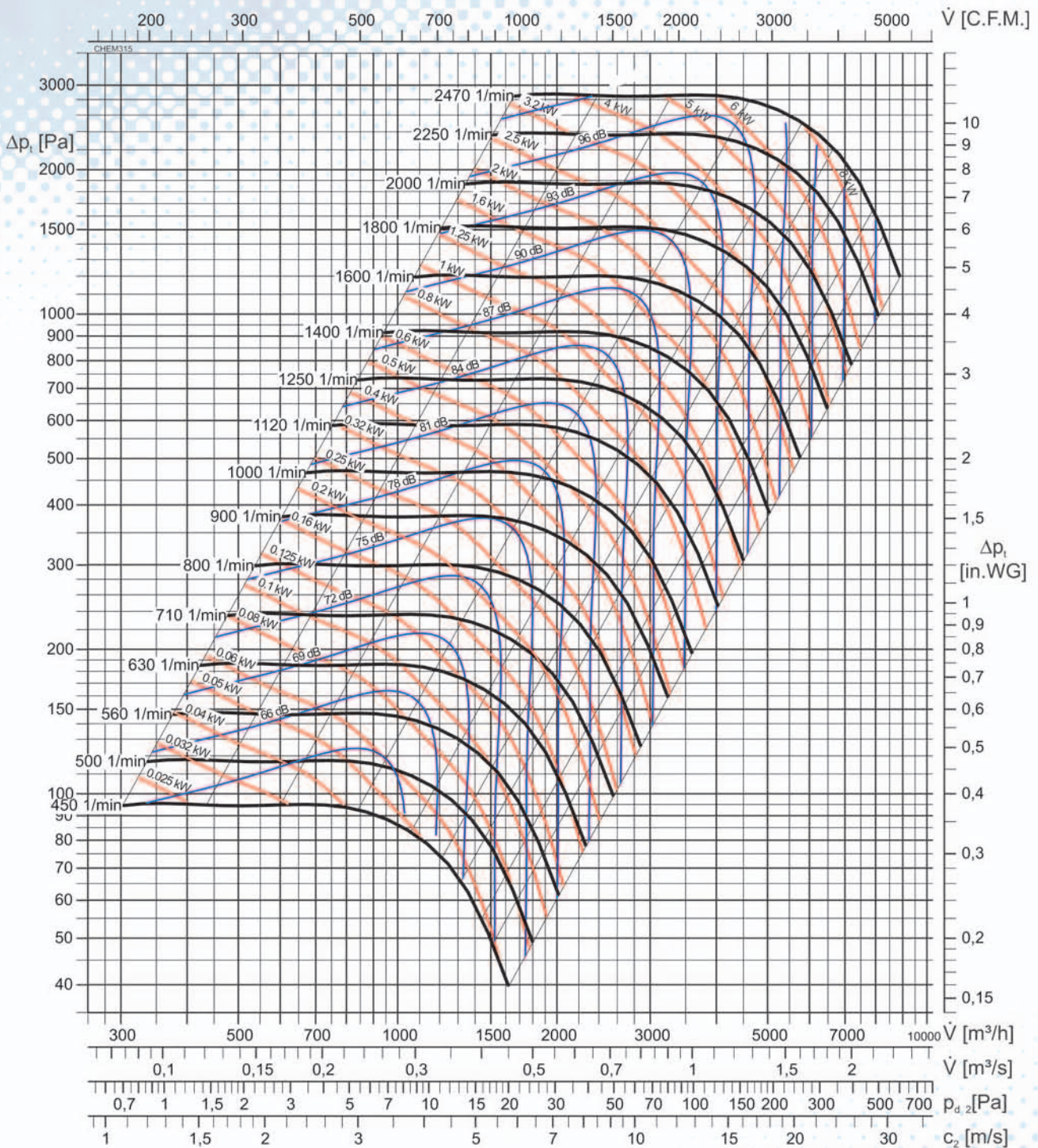


# CHEM 315

Viftekurve

Densitet = 1.2 kg/m<sup>3</sup>



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  $\Delta L$  in dB/Okt.

n[1/min] rpm	Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
450 - 1250	3,2	3,8	0,5	-1,8	-4,8	-10,8	-18,2	-29,8
1400 - 2470	4,1	2,1	0,1	-2,9	-3,9	-9,9	-15,9	-25,9