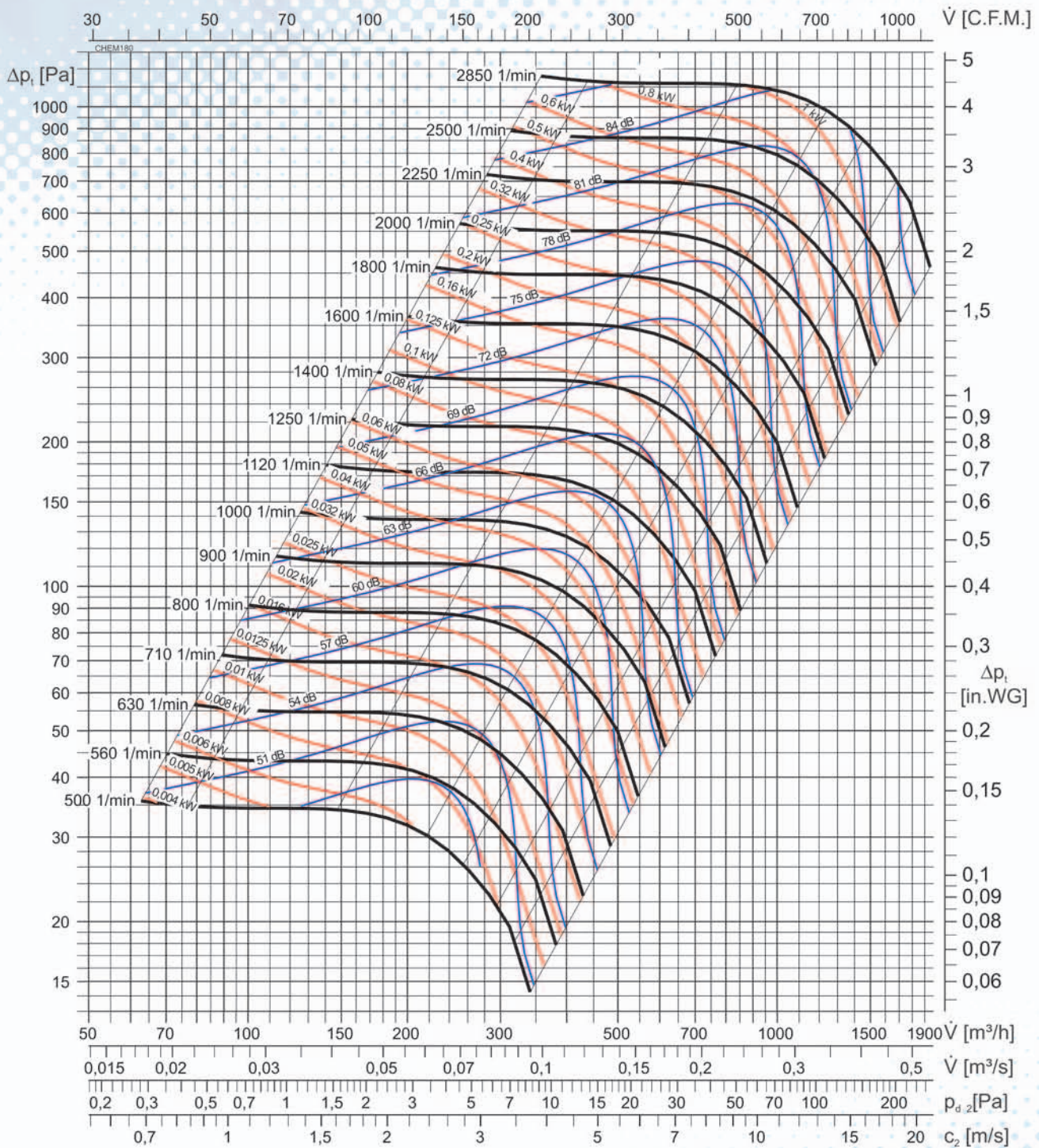


CHEM 160

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
500 - 1800	1,2	5,4	0,2	-0,9	-6,6	-9,6	-22,1	-33,0
2000 - 3500	-1,6	8,3	0,8	-2,9	-5,6	-9,9	-19,4	-28,6