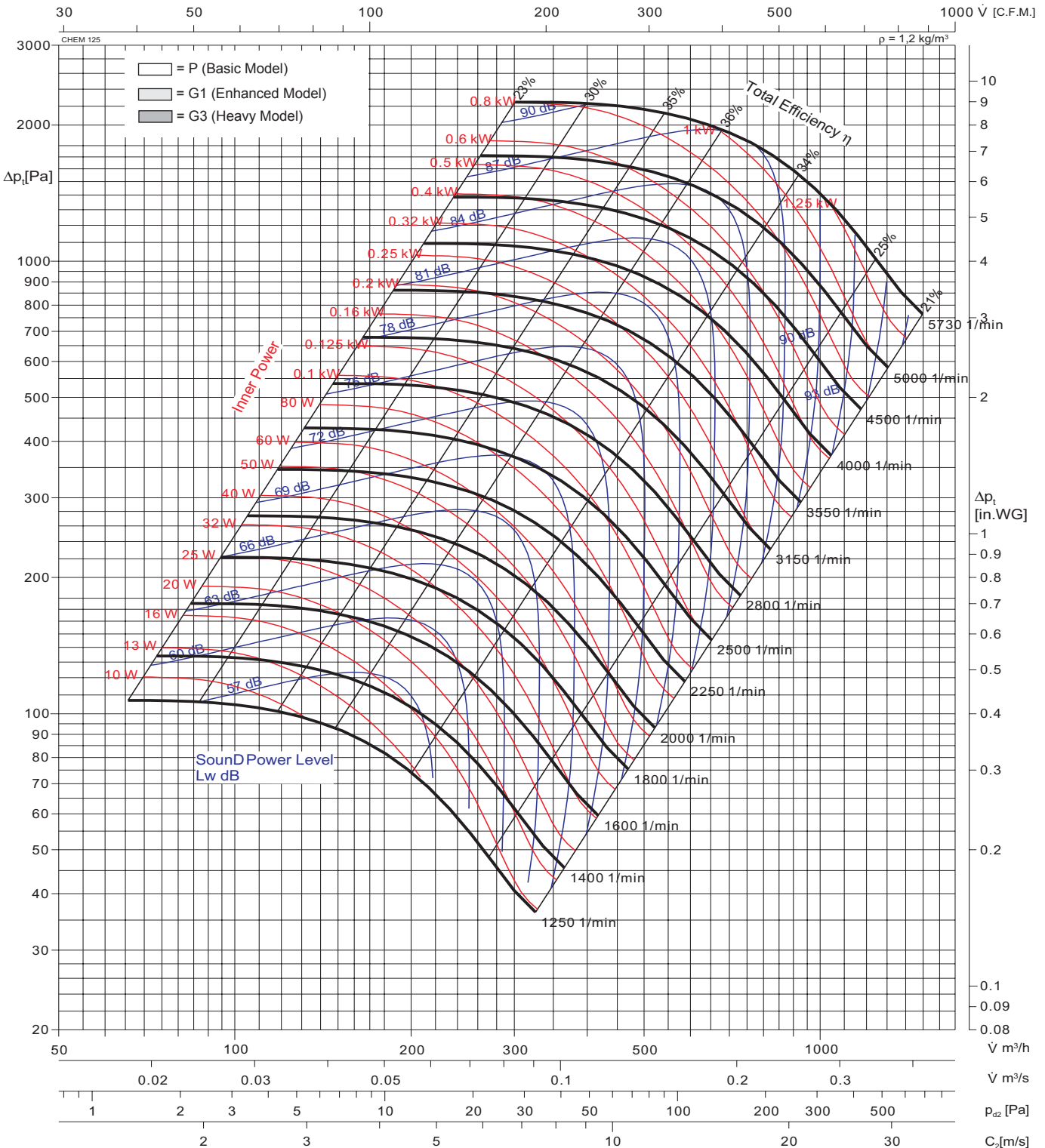


CHEM 125

Fan test laboratory AMCA 210/99 Fig.12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel L_{WA} angegeben. A-weighted Sound power level L_{WA} is quoted in the diagram.

Schalldruckpegel L_{PA} in 1 m Entfernung A-Sound pressure level L_{PA} at 1 meter distance

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

Oktavpegels $L_{W\text{okt}}$: Octave sound power level $L_{W\text{okt}}$:

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

Relative Frequenzspektrum
relative frequency spectrum ΔL in dB/Okt

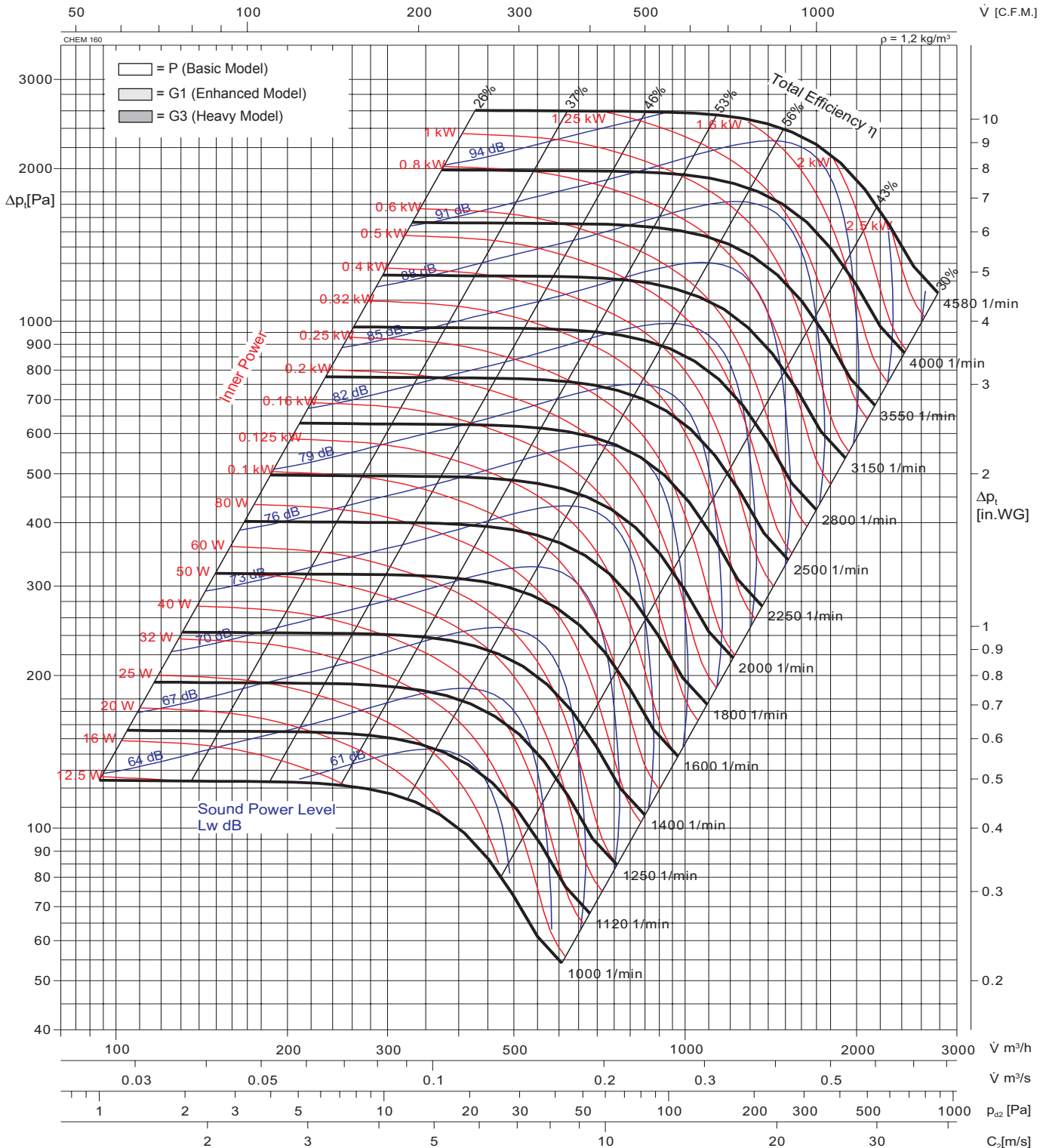
n [1/min] rpm	Oktavb.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
1250 - 2000	3,2	4,2	1,8	-1,6	-5,8	-11,3	-17,5	-23,0
2250 - 5730	-1,3	2,2	2,9	-0,6	-7,8	-11,8	-19,6	-28,3

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

CHEM 160

Fan test laboratory AMCA 210/99 Fig. 12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel L_{WA} angegeben. A-weighted Sound power level L_{WA} is quoted in the diagram.

Schalldruckpegel L_{PA} in 1 m Entfernung A-Sound pressure level L_{PA} at 1 meter distance

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

Oktavpegel L_{Wokt} : Octave sound power level L_{Wokt} :

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

Relative Frequenzspektrum
relative frequency spectrum ΔL in dB/Okt

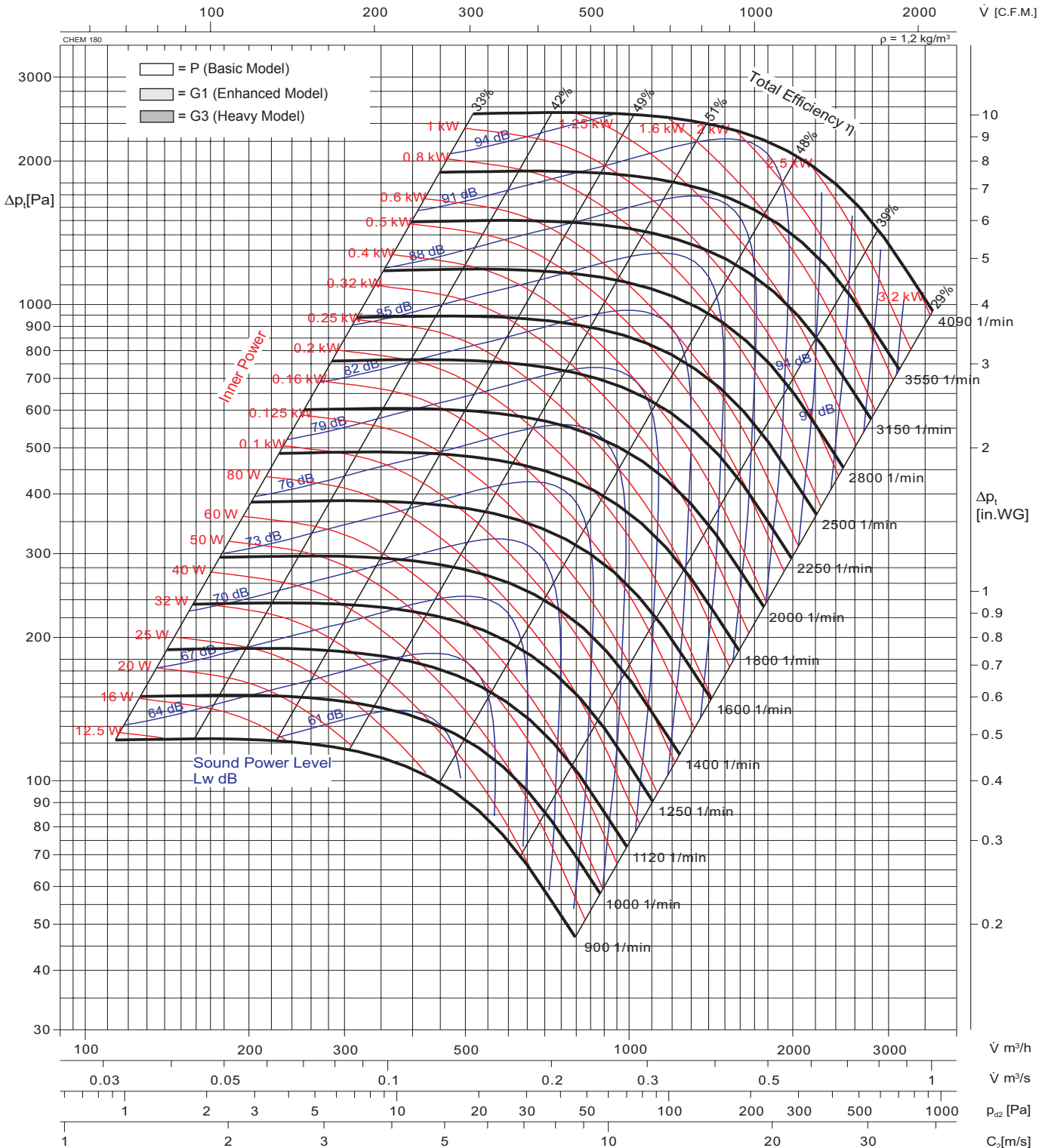
n [1/min]	Oktavb.-Mittenfrequ. / Octave b. midfreq. [Hz]								
	rpm	63	125	250	500	1k	2k	4k	8k
1000 - 2000		-1,2	-5,4	-0,2	-0,9	-6,6	-9,6	-22,1	-33,0
2250 - 4580		-1,6	8,3	0,8	-2,9	-5,6	-9,9	-19,4	-28,6

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

CHEM 180

Fan test laboratory AMCA 210/99 Fig.12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel L_{WA} angegeben. A-weighted Sound power level L_{WA} is quoted in the diagram.

Schalldruckpegel L_{PA} in 1 m Entfernung A-Sound pressure level L_{PA} at 1 meter distance

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

Oktavpegels L_{Wokt} : Octave sound power level L_{Wokt} :

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

Relative Frequenzspektrum
relative frequency spectrum ΔL in dB/Okt

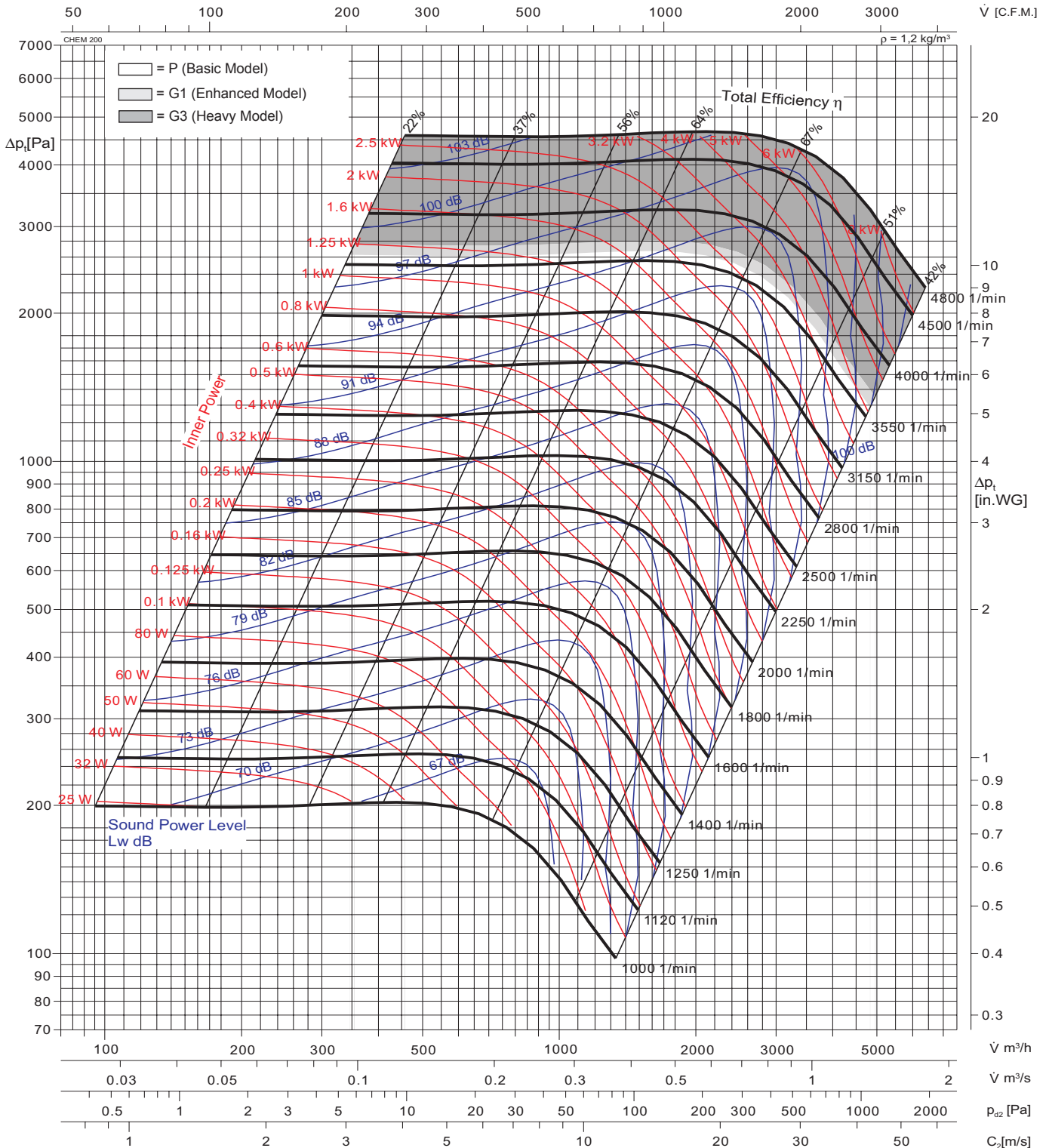
n [1/min]	Oktavb.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
900 - 1800	2,1	5,6	1,6	-2,2	-4,9	-12,0	-21,4	-30,4
2000 - 4090	0,3	3,3	1,3	-3,1	-4,3	-10,1	-18,3	-27,7

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

CHEM 200

Fan test laboratory AMCA 210/99 Fig. 12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel L_{WA} angegeben. A-weighted Sound power level L_{WA} is quoted in the diagram.

Schalldruckpegel L_{PA} in 1 m Entfernung A-Sound pressure level L_{PA} at 1 meter distance

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

Oktavpegel L_{Wokt} : Octave sound power level L_{Wokt} :

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

Relative Frequenzspektrum
relative frequency spectrum ΔL in dB/Okt

n [1/min] rpm	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
1000 - 1800	-2,7	-1,3	-3,8	-1,2	-7,8	-13,5	-23,7	-35,0
2000 - 4800	-0,8	-0,4	-1,4	-2,4	-7,8	-10,6	-20,0	-30,4

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.