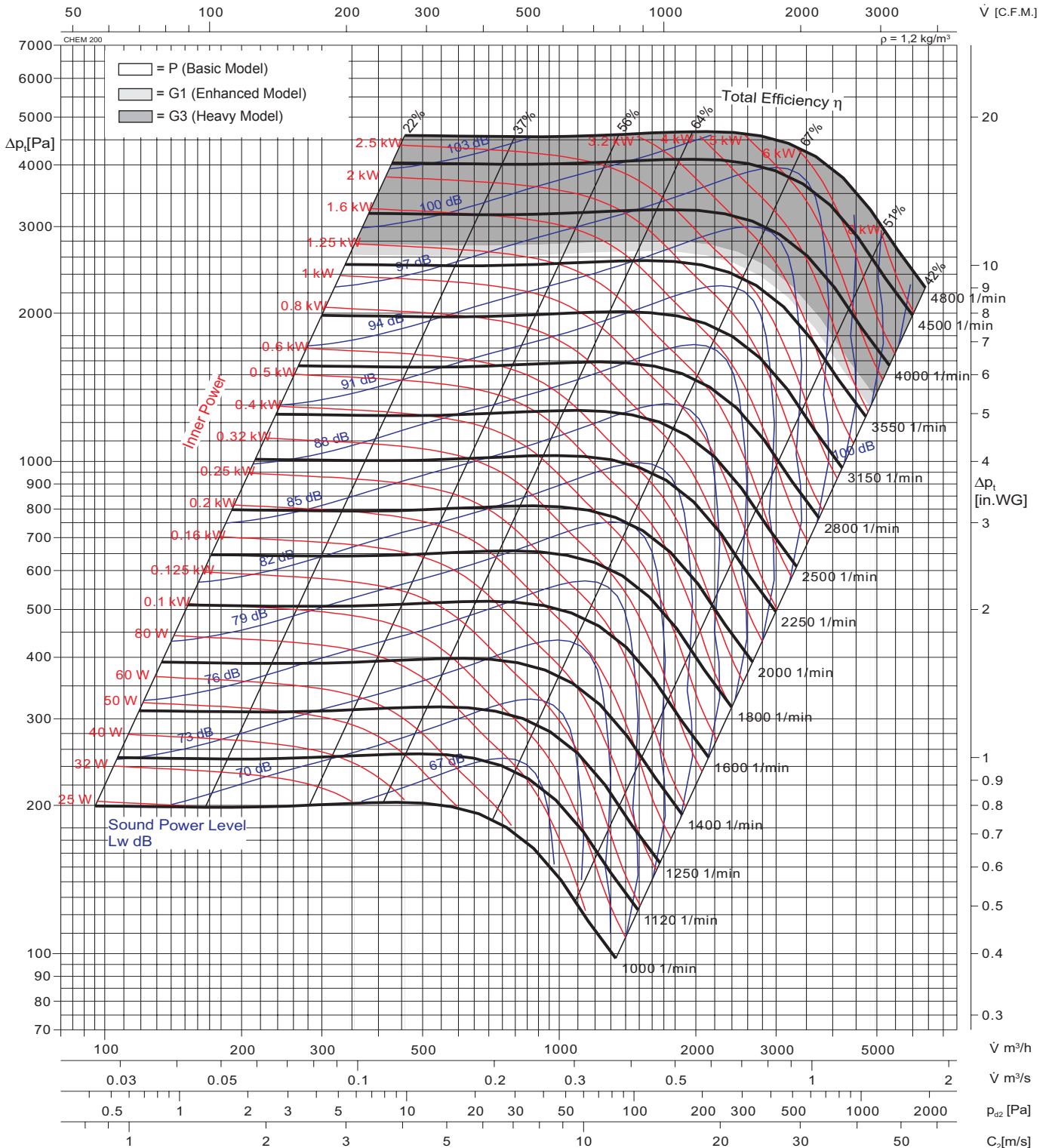


## CHEM 200

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<sub>WA</sub> 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  $\Delta L$  in dB/Okt

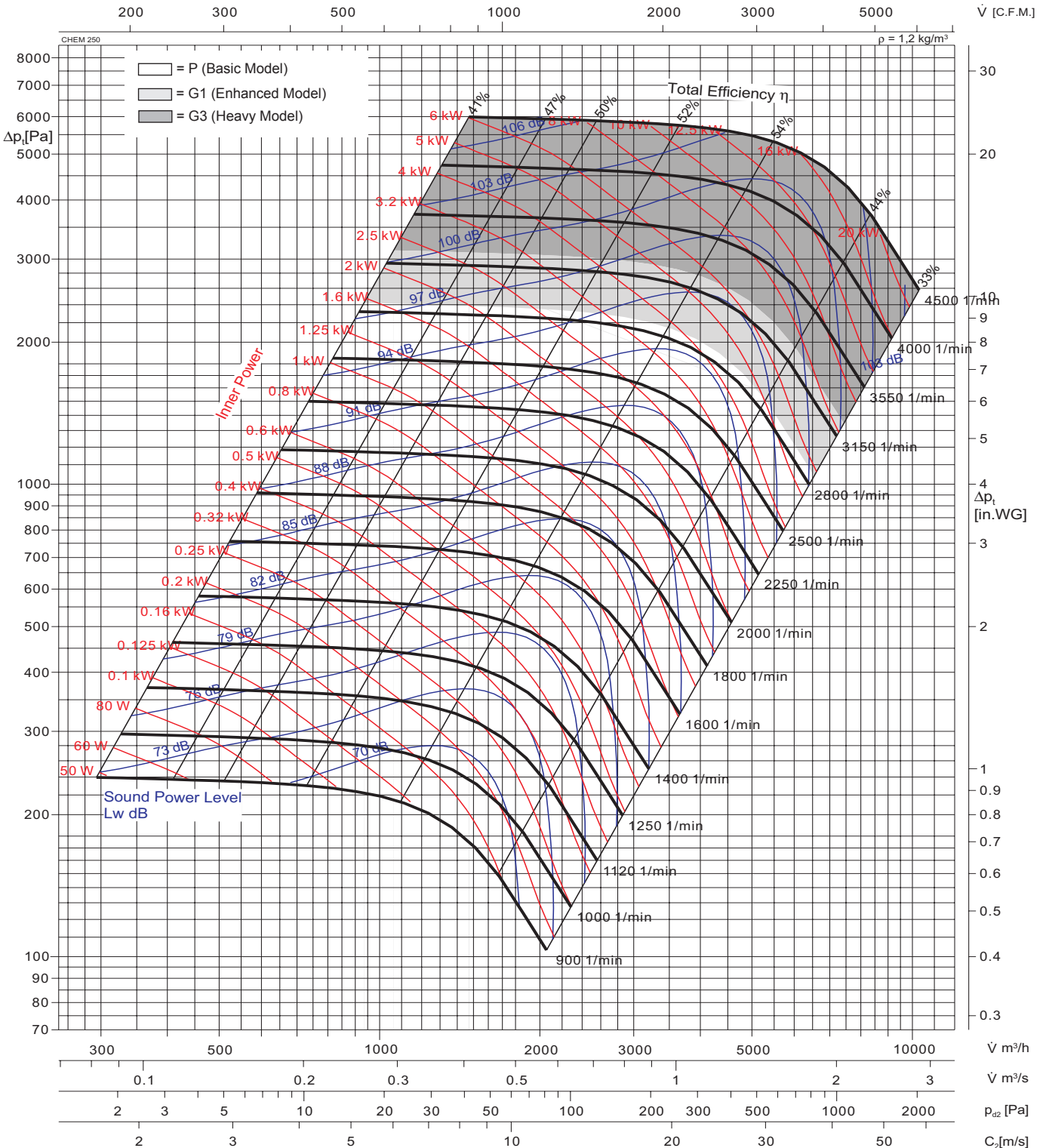
n [1/min] rpm	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
1000 - 1800	-2,7	-1,3	-3,8	-1,2	-7,8	-13,5	-23,7	-35,0
2000 - 4800	-0,8	-0,4	-1,4	-2,4	-7,8	-10,6	-20,0	-30,4

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

### CHEM 250

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  $\Delta L$  in dB/Okt

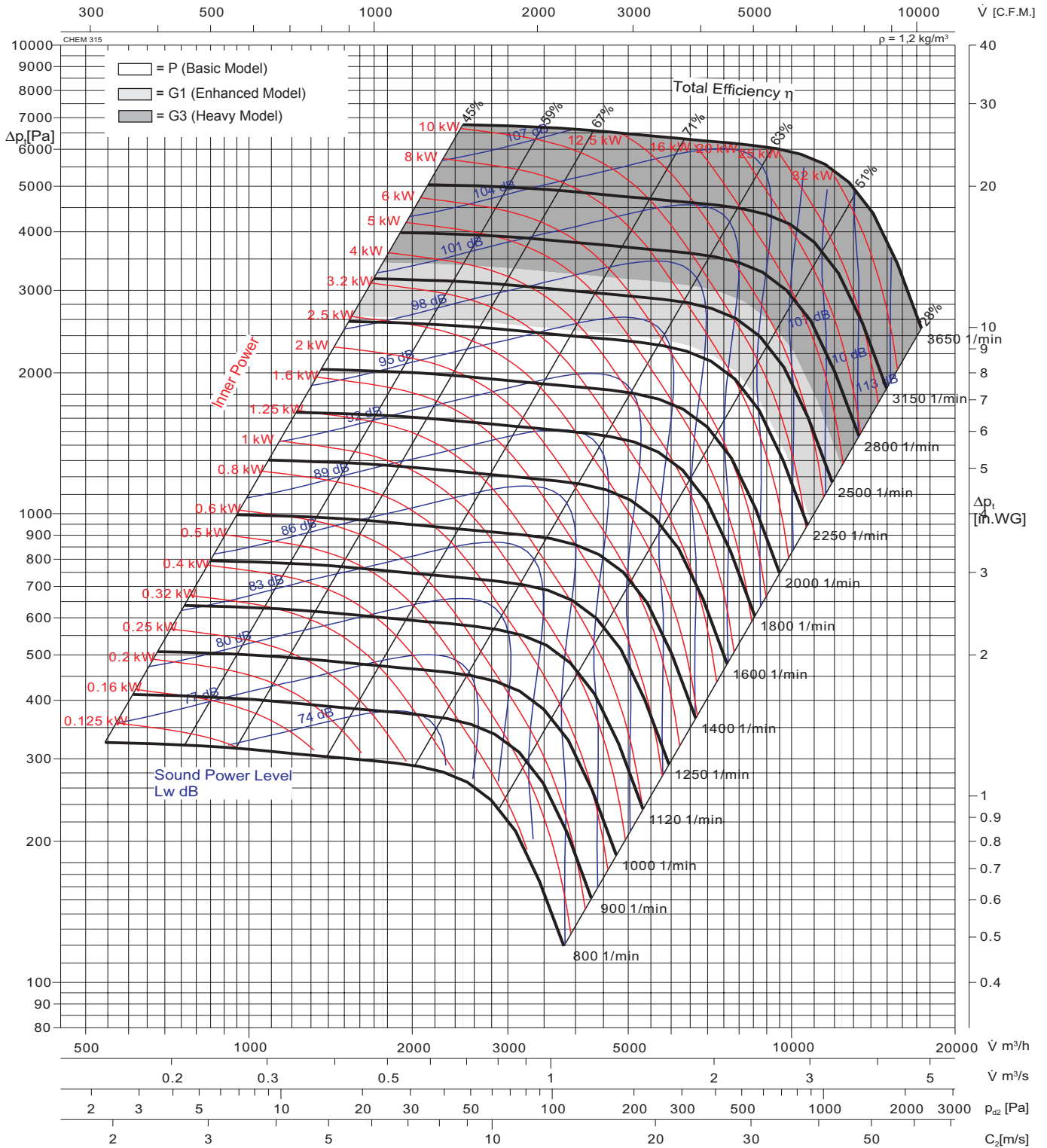
n [1/min]	Oktav.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
900 - 2000	1,9	1,8	0,2	-1,0	-5,9	-9,4	-17,4	-29,2
2250 - 4500	-1,0	-1,0	-3,0	-3,0	-4,5	-7,0	-14,2	-24,0

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 315

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 Frequenzspektren relative frequency spectrum  $\Delta L$  in dB/Okt

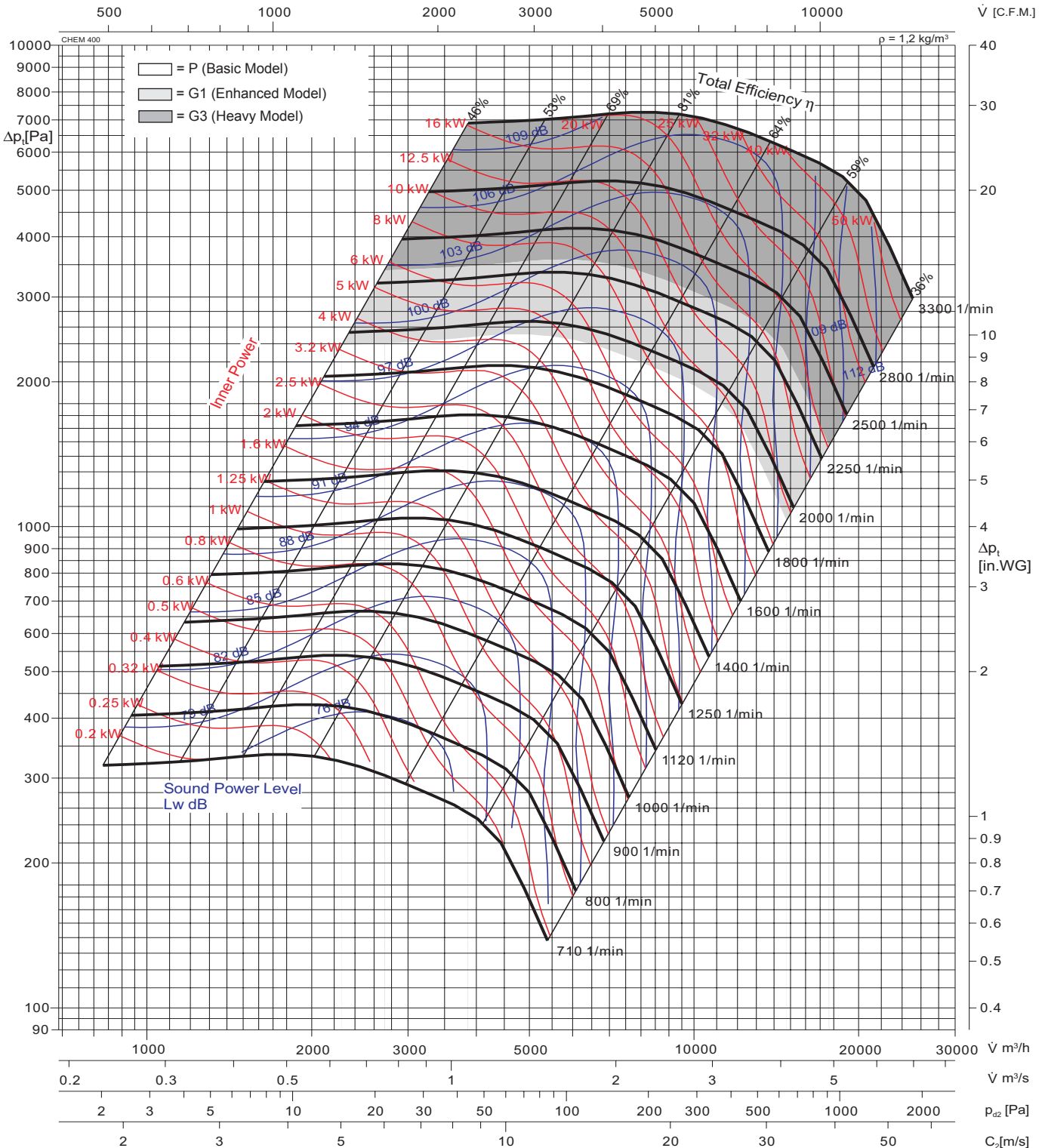
n [1/min]	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]								
	rpm	63	125	250	500	1k	2k	4k	8k
800 - 1400	3,2	3,8	0,5	-1,8	-4,8	-10,8	-18,2	-29,8	
1600 - 3650	4,1	2,1	0,1	-2,9	-3,9	-9,9	-15,9	-25,9	

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 400

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

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

Relative Frequenzspektr  
relative frequency spectrum  $\Delta L$  in dB/Okt

n [1/min] rpm	Oktav.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
710 - 1120	0,6	-3	-1,5	-1,4	-3,9	-10,6	-16,8	-26,2
1250 - 3300	-2,7	-3,5	0,2	-2,5	-4,7	-8,2	-16,8	-25,8

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