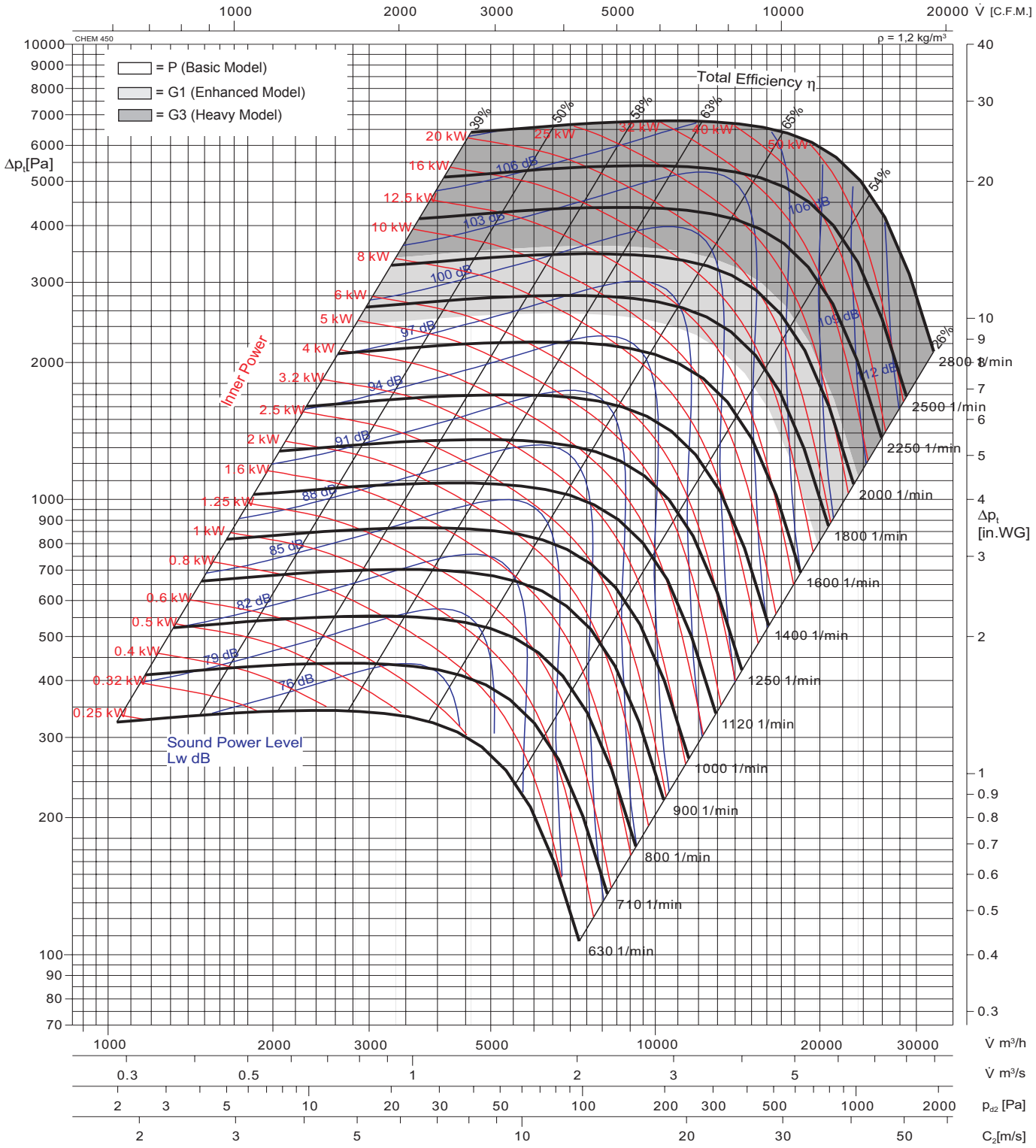
Kennlinie
Fan curve

CHEM 450

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 LwiA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel L_{WA} angegebenen.

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 ΔL in dB/Okt

n [1/min]	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
rpm	63	125	250	500	1k	2k	4k	8k
630 - 1120	2,5	-3,0	-1,6	-1,0	-4,3	-11,7	-17,9	-26,7
1250 - 2800	-2,6	-2,9	0,1	-2,9	-5,4	-10,3	-18,0	-26,0

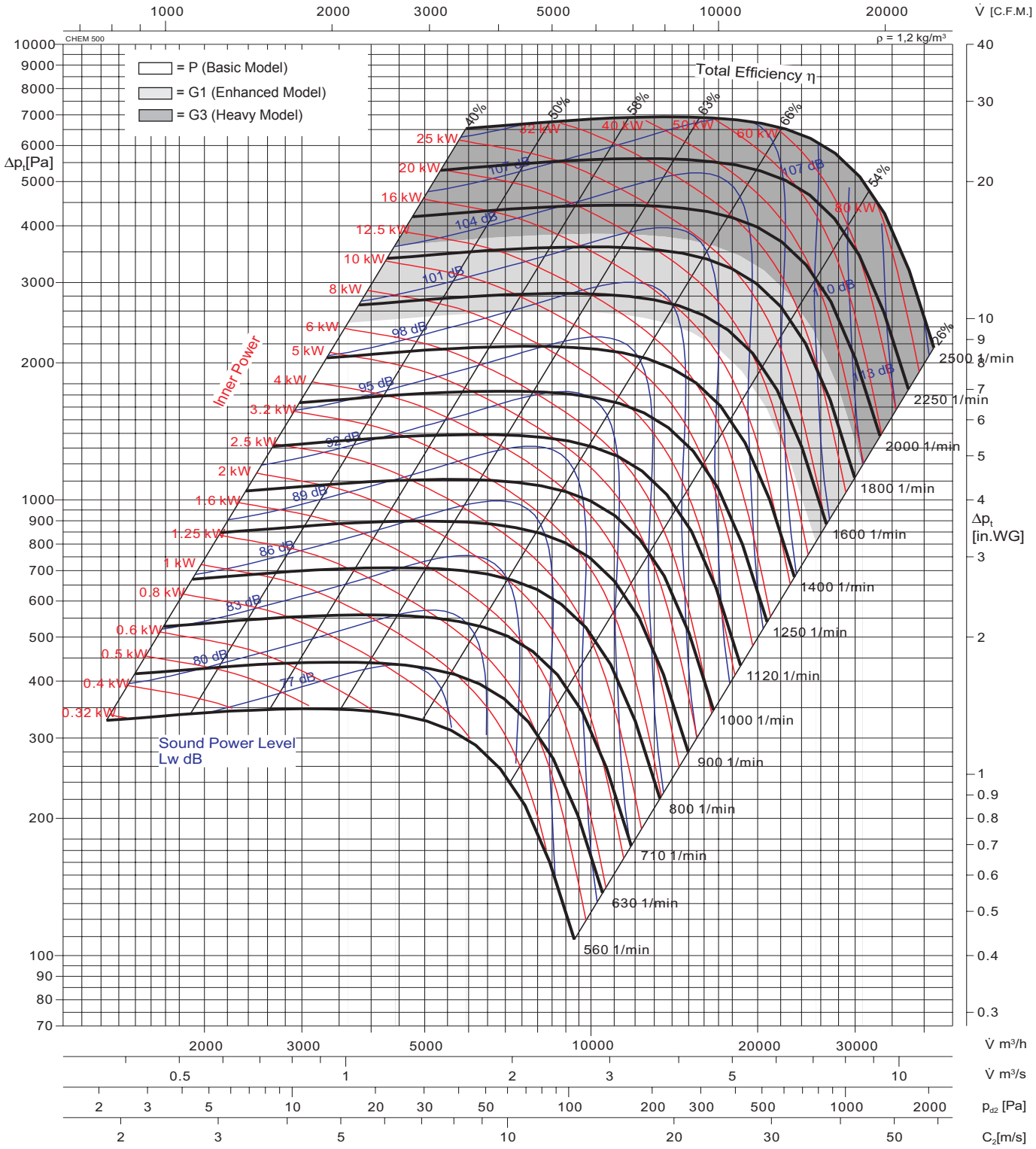
The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

Kennlinie
Fan curve

CHEM 500

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 LwiA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertere Schalleistungspegel L_{WA} angegebenen.

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 ΔL in dB/Okt

n [1/min]	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
rpm	63	125	250	500	1k	2k	4k	8k
560 - 1900	0,6	-2,2	-0,7	-1,0	-5,6	-12,6	-18,6	-28,5
1000 - 2500	-5,4	-1,3	0,4	-2,5	-3,9	-10,0	-16,8	-26,0

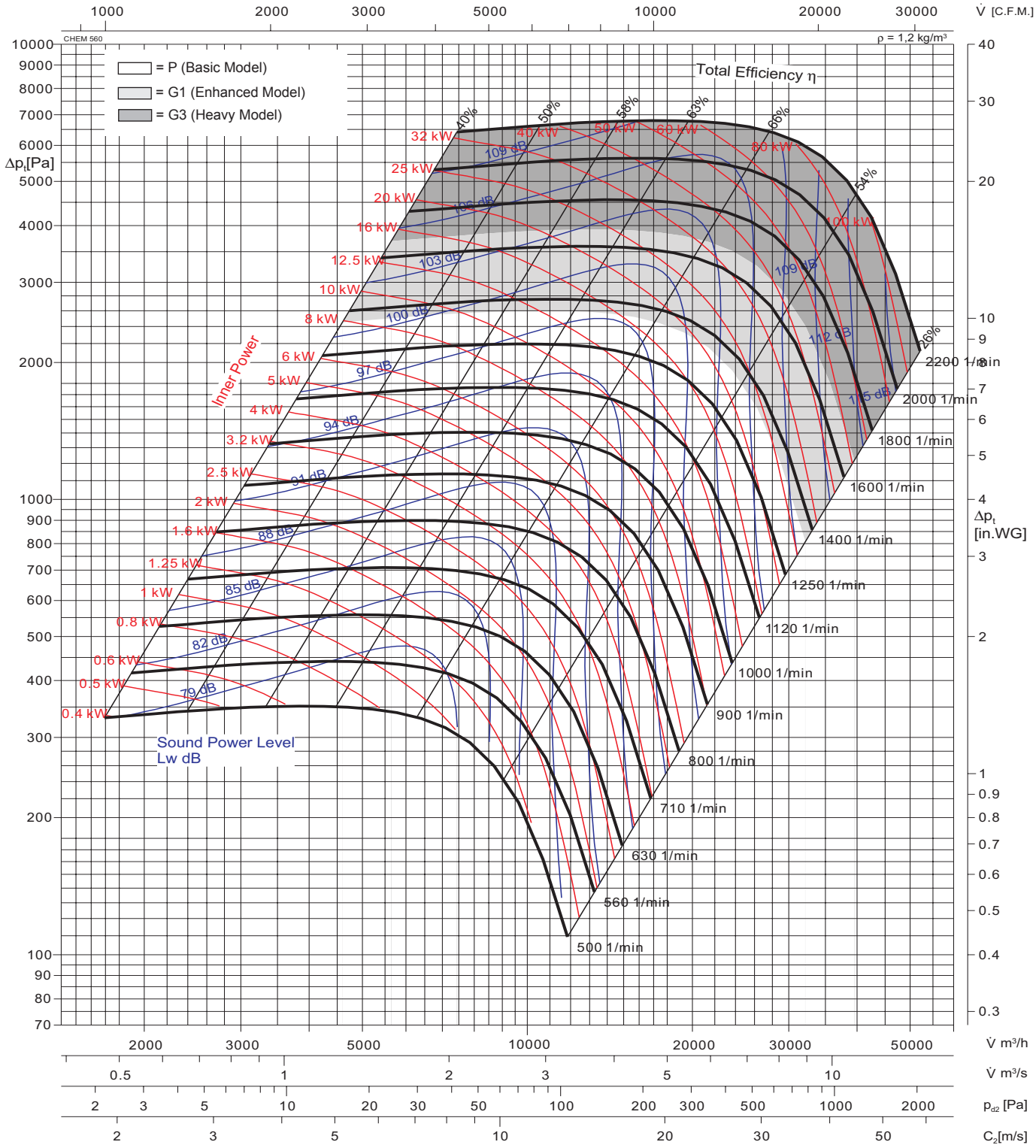
The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

Kennlinie
Fan curve

CHEM 560

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 LwiA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel L_{WA} angegebenen.

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 ΔL in dB/Okt

n [1/min]	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
rpm	63	125	250	500	1k	2k	4k	8k
500 - 800	0,8	-0,5	-0.9	-1,4	-4,0	-11,6	-17,4	-28,1
900 - 2200	-5,0	-1,9	-2,2	-2,4	-4,1	-10,5	-15,6	-28,0

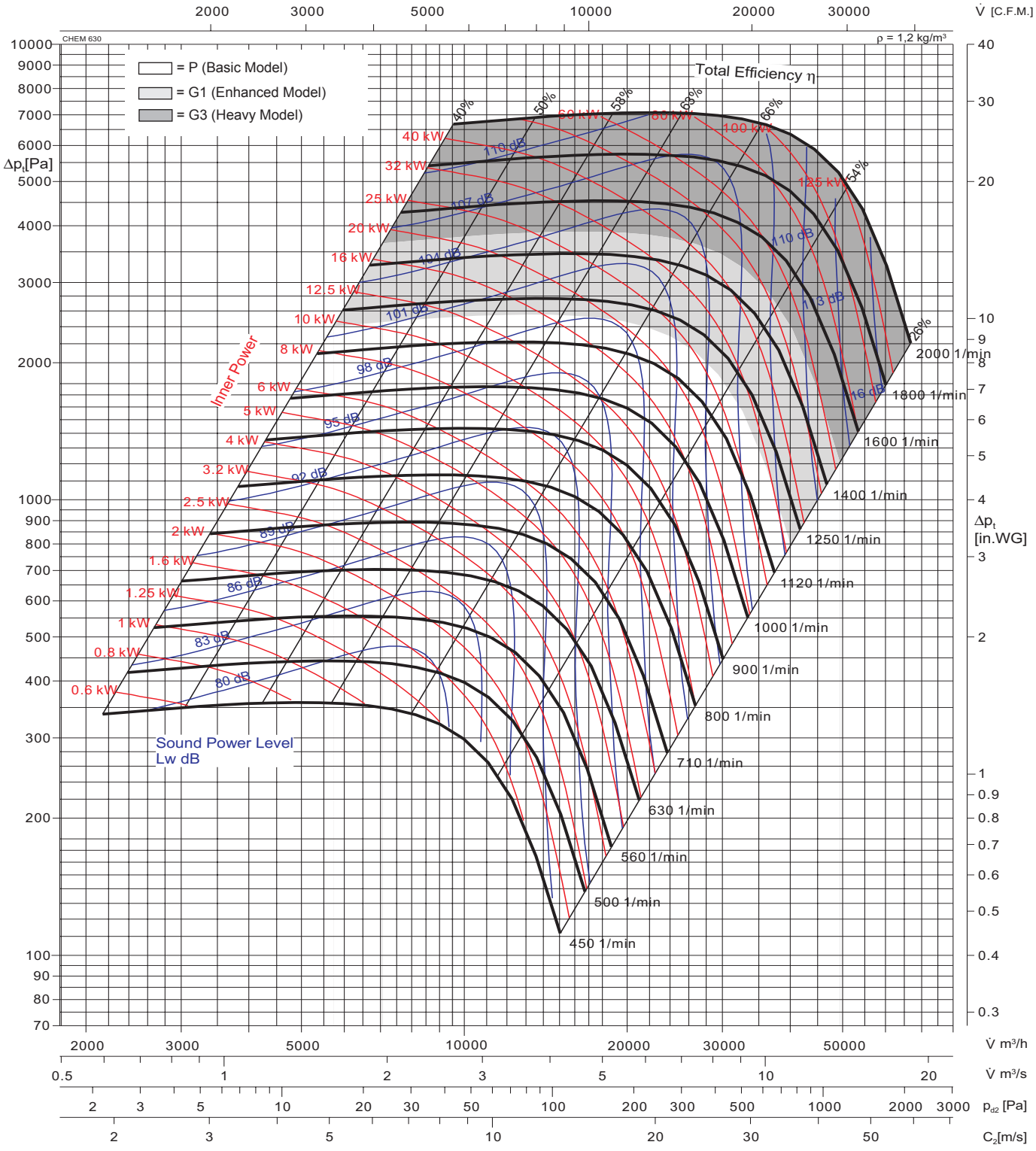
The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

Kennlinie
Fan curve

CHEM 630

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 LwiA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertere Schallleistungspegel **L_{WA}** angegebenen.

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 ΔL in dB/Okt

n [1/min]	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
rpm	63	125	250	500	1k	2k	4k	8k
450 - 710	2,7	1,0	0,1	-1,3	-4,3	-12,8	-18,8	-29,2
800 - 2000	-4,0	-0,1	-0,3	-3,2	-3,9	-11,3	-19,5	-28,0

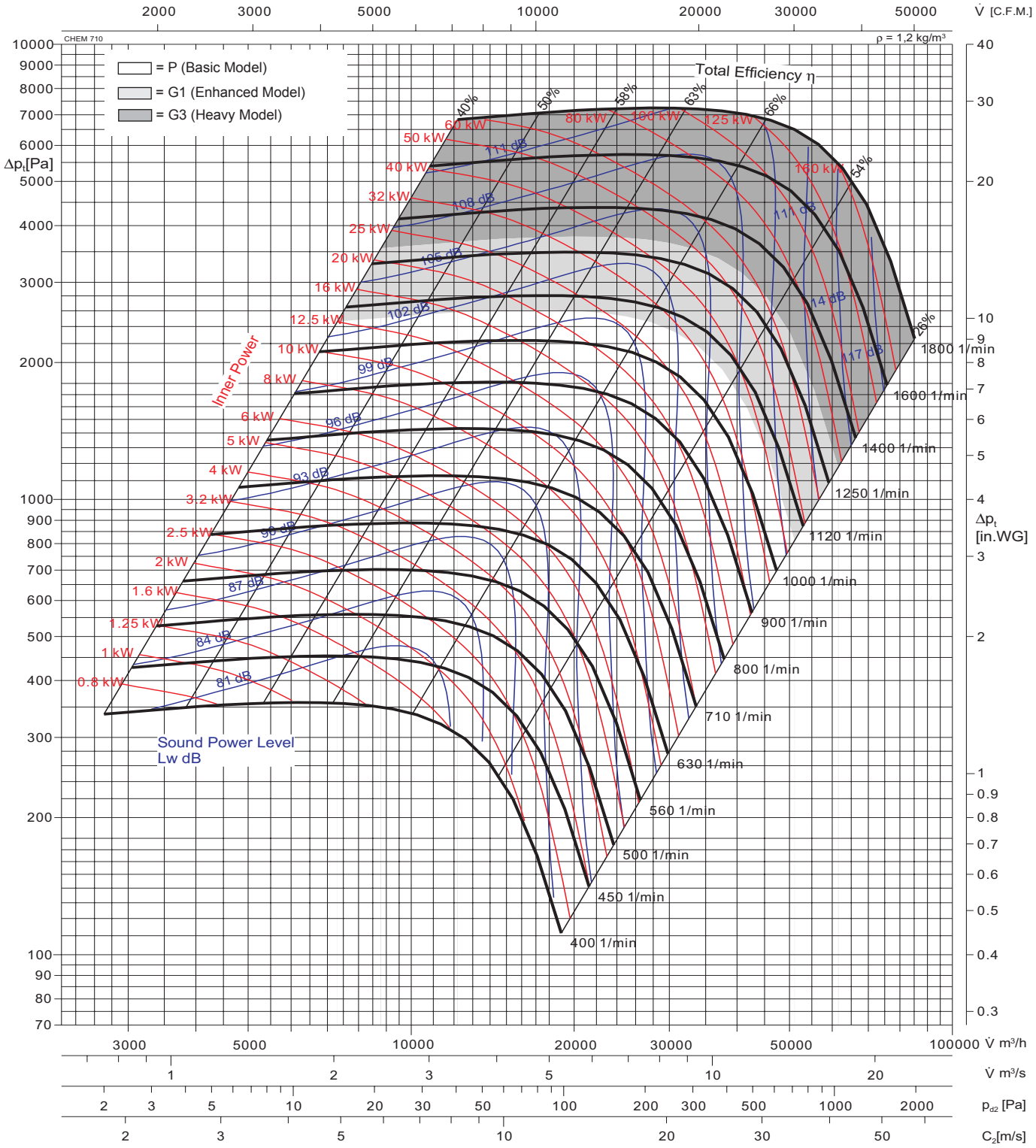
The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

Kennlinie
Fan curve

CHEM 710

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 LwiA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel L_{WA} angegebenen.

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 ΔL in dB/Okt

n [1/min]	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
rpm	63	125	250	500	1k	2k	4k	8k
400 - 710	2,8	3,3	-0,3	-1,0	-4,6	-13,0	-23,4	-28,6
800 - 1800	-1,3	5,2	-0,3	-2,2	-4,2	-11,3	-19,4	-28,2

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