

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.:	S4944.000									
			Data:	14/04/2015									
Ventilatore tipo: DDMP 7/9		Motore tipo: 1416A1											
Fan type:		Motor type:											
Note: Prova a---230 V 50 Hz---- F.M.W.L.													
0													
0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
AMCA 210 test chamber camera Camera10000 FLOW ← B C f a n E A L3 L2 L1 MICROPHONE POSITION													
Disposizione microfono dal vent. (microphone position from fan) L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =		posizione motore / motor set-up: E											
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°													
		110											
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	53.3	42.2	40.0	45.5	33.5	28.5	21.6	18.4	17.8		43.4	54.5
Corr. calc. press. sonora (s. pressure corr. factor) K		-3.005	-2.0	-1.072	-2.175	-1.3	-2.228	-2.829	-0.532	-0.069		-2.0	-1.8
1	[mc/h] 498	Lps dB rilevato(meas.)	66.5	72.9	71.7	65.6	59.0	59.2	56.6	49.9	42.4	68.1	76.5
		Lps dB corretto.(calc.)	63.3	70.8	70.6	63.4	57.6	56.9	53.8	49.4	42.3	66.7	74.7
2	[mc/h] 1066	Lps dB rilevato(meas.)	68.7	73.0	73.0	69.3	61.3	61.2	57.7	51.0	42.8	70.1	77.7
		Lps dB corretto.(calc.)	65.5	71.0	72.0	67.1	59.9	59.0	54.8	50.5	42.7	68.8	75.9
3	[mc/h] 1533	Lps dB rilevato(meas.)	69.0	73.8	74.4	69.1	62.4	62.2	58.5	52.0	43.9	70.8	78.6
		Lps dB corretto.(calc.)	65.9	71.8	73.3	66.9	61.0	60.0	55.7	51.5	43.9	69.6	76.8
4	[mc/h] 1887	Lps dB rilevato(meas.)	65.1	73.8	75.3	69.9	62.8	62.8	59.2	52.8	44.6	71.4	78.8
		Lps dB corretto.(calc.)	61.8	71.8	74.2	67.7	61.4	60.6	56.3	52.3	44.5	70.3	77.2
5	[mc/h] 2460	Lps dB rilevato(meas.)	62.4	72.0	75.2	70.9	64.7	64.8	60.8	55.1	46.8	72.5	78.5
		Lps dB corretto.(calc.)	58.8	70.0	74.2	68.8	63.3	62.5	58.0	54.5	46.8	71.2	76.9
6	[mc/h] 2762	Lps dB rilevato(meas.)	60.3	71.3	75.0	72.4	66.0	66.1	62.1	56.6	48.6	73.5	78.6
		Lps dB corretto.(calc.)	56.3	69.2	73.9	70.2	64.7	63.9	59.2	56.1	48.6	72.1	77.0
7	[mc/h] 3022	Lps dB rilevato(meas.)	60.9	69.1	74.5	71.8	66.9	67.2	63.2	57.8	49.8	73.9	78.2
		Lps dB corretto.(calc.)	57.1	67.1	73.5	69.6	65.5	65.0	60.4	57.2	49.8	72.4	76.6
8	[mc/h] 3185	Lps dB rilevato(meas.)	58.9	70.2	76.5	71.5	67.5	67.3	63.9	58.3	50.4	74.4	79.2
		Lps dB corretto.(calc.)	54.4	68.2	75.4	69.3	66.1	65.1	61.1	57.7	50.4	72.9	77.7
9	[mc/h] 3384	Lps dB rilevato(meas.)	59.5	69.1	73.2	70.9	67.2	67.7	64.3	59.1	51.3	73.9	77.5
		Lps dB corretto.(calc.)	55.3	67.1	72.1	68.7	65.8	65.4	61.5	58.6	51.3	72.2	75.9
10	[mc/h] 3503	Lps dB rilevato(meas.)	63.6	72.4	73.5	71.1	67.2	68.0	64.9	59.6	51.9	74.2	78.5
		Lps dB corretto.(calc.)	60.2	70.4	72.5	68.9	65.8	65.8	62.0	59.0	51.8	72.5	76.8
11	[mc/h] 3577	Lps dB rilevato(meas.)	66.5	70.6	73.3	71.6	68.6	68.3	65.3	60.1	52.4	74.7	78.5
		Lps dB corretto.(calc.)	63.3	68.5	72.2	69.4	67.2	66.0	62.5	59.5	52.4	73.0	76.7
12	[mc/h] 3694	Lps dB rilevato(meas.)	68.4	70.5	72.8	71.2	67.6	68.8	66.5	60.6	52.9	74.7	78.4
		Lps dB corretto.(calc.)	65.3	68.4	71.7	69.0	66.3	66.6	63.7	60.1	52.8	73.0	76.6
Compilato:		Controllato:		Data:									

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4944.001										
			Data: 14/04/2015										
Ventilatore tipo: DDMP 7/9		Motore tipo: 1416A1											
Fan type:		Motor type:											
Note: Prova a---230 V 50 Hz---Segnale costante 7 Vdc													
0													
0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
AMCA 210 test chamber camera Camera10000													
Disposizione microfono dal vent. (microphone position from fan)			posizione motore / motor set-up: E										
L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =													
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°													
												110	
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	53.5	42.7	41.4	38.5	31.5	26.4	21.4	18.1	17.1		38.9	54.3
Corr. calc. press. sonora (s. pressure corr. factor) K		-3.005	-2.0	-1.072	-2.175	-1.3	-2.228	-2.829	-0.532	-0.069		-2.0	-1.8
1	[mc/h] 322	Lps dB rilevato(meas.)	66.8	70.5	70.3	64.1	57.6	57.6	54.8	47.8	41.2	66.5	74.9
		Lps dB corretto.(calc.)	63.6	68.5	69.2	62.0	56.2	55.4	51.9	47.3	41.1	65.1	73.1
2	[mc/h] 1072	Lps dB rilevato(meas.)	66.9	72.2	71.8	65.7	60.0	59.8	56.1	49.2	42.0	68.3	76.3
		Lps dB corretto.(calc.)	63.6	70.2	70.8	63.5	58.7	57.6	53.3	48.7	41.9	66.9	74.6
3	[mc/h] 1368	Lps dB rilevato(meas.)	66.3	72.9	73.4	67.4	61.2	60.6	57.0	50.2	42.7	69.5	77.3
		Lps dB corretto.(calc.)	63.1	70.8	72.4	65.2	59.9	58.4	54.2	49.7	42.6	68.3	75.7
4	[mc/h] 1728	Lps dB rilevato(meas.)	65.9	72.2	73.5	67.4	61.4	61.3	57.4	50.9	43.2	69.6	77.1
		Lps dB corretto.(calc.)	62.6	70.1	72.4	65.2	60.0	59.1	54.5	50.3	43.1	68.4	75.5
5	[mc/h] 2309	Lps dB rilevato(meas.)	59.7	71.0	75.2	68.9	63.0	63.6	59.4	53.4	45.3	71.3	77.7
		Lps dB corretto.(calc.)	55.4	69.0	74.1	66.7	61.7	61.4	56.6	52.9	45.2	70.0	76.2
6	[mc/h] 2637	Lps dB rilevato(meas.)	59.5	69.7	74.6	70.2	64.8	65.1	61.1	55.3	47.2	72.3	77.6
		Lps dB corretto.(calc.)	55.2	67.6	73.5	68.0	63.4	62.9	58.2	54.7	47.1	70.9	76.0
7	[mc/h] 2903	Lps dB rilevato(meas.)	58.3	69.3	75.3	70.9	65.8	66.3	62.4	56.7	48.6	73.3	78.2
		Lps dB corretto.(calc.)	53.6	67.3	74.2	68.7	64.5	64.1	59.6	56.2	48.6	71.8	76.6
8	[mc/h] 3186	Lps dB rilevato(meas.)	59.5	69.0	76.9	71.1	67.8	67.5	63.7	58.2	50.3	74.5	79.3
		Lps dB corretto.(calc.)	55.3	67.0	75.9	68.9	66.5	65.3	60.9	57.6	50.3	73.0	77.9
9	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
10	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
11	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
12	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
Compilato:			Controllato:			Data:							

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4944.002 Data: 14/04/2015										
	Ventilatore tipo: <u>DDMP 7/9</u> Motore tipo: <u>1416A1</u>												
	Fan type: Motor type:												
Note: Prova a---230 V 50 Hz---Segnale costante 6 Vdc 0 0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
AMCA 210 test chamber camera Camera10000 													
Disposizione microfono dal vent. (microphone position from fan) L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =			posizione motore / motor set-up: E										
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°													
												110	
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	55.7	45.7	43.6	40.2	35.9	30.2	25.0	19.9	17.0		41.7	56.5
Corr. calc. press. sonora (s. pressure corr. factor) K		-3.005	-2.0	-1.072	-2.175	-1.3	-2.228	-2.829	-0.532	-0.069		-2.0	-1.8
1	[mc/h] 386	Lps dB rilevato(meas.)	62.7	68.0	66.2	60.5	55.4	55.4	51.9	44.1	38.4	63.4	71.6
		Lps dB corretto.(calc.)	58.8	66.0	65.1	58.3	54.0	53.1	49.1	43.6	38.3	61.9	69.7
2	[mc/h] 941	Lps dB rilevato(meas.)	64.0	69.8	68.7	63.7	57.8	57.1	53.3	45.7	38.8	65.7	73.7
		Lps dB corretto.(calc.)	60.3	67.7	67.6	61.5	56.4	54.9	50.4	45.1	38.7	64.3	71.8
3	[mc/h] 1310	Lps dB rilevato(meas.)	64.7	70.1	69.5	64.3	58.0	57.8	53.7	46.6	39.1	66.2	74.2
		Lps dB corretto.(calc.)	61.1	68.1	68.4	62.1	56.7	55.6	50.8	46.1	39.0	64.9	72.4
4	[mc/h] 1548	Lps dB rilevato(meas.)	60.8	69.2	70.0	64.5	58.8	58.5	54.7	47.5	39.6	66.6	73.8
		Lps dB corretto.(calc.)	56.2	67.2	68.9	62.3	57.4	56.3	51.8	46.9	39.5	65.3	72.1
5	[mc/h] 1962	Lps dB rilevato(meas.)	57.5	69.9	71.9	65.7	59.9	60.1	56.1	49.3	41.3	68.1	75.0
		Lps dB corretto.(calc.)	49.6	67.8	70.8	63.5	58.5	57.9	53.3	48.8	41.2	66.8	73.4
6	[mc/h] 2283	Lps dB rilevato(meas.)	57.3	69.7	71.6	67.1	61.5	61.9	57.6	51.5	43.3	69.2	75.2
		Lps dB corretto.(calc.)	49.2	67.6	70.5	64.9	60.2	59.7	54.8	50.9	43.2	67.8	73.6
7	[mc/h] 2530	Lps dB rilevato(meas.)	56.4	67.2	71.6	67.8	62.8	63.0	59.2	53.1	44.9	69.9	74.9
		Lps dB corretto.(calc.)	44.8	65.1	70.5	65.6	61.4	60.8	56.3	52.5	44.9	68.5	73.3
8	[mc/h] 2845	Lps dB rilevato(meas.)	56.7	70.3	71.6	68.9	64.2	64.6	61.0	55.0	47.0	71.2	76.1
		Lps dB corretto.(calc.)	46.4	68.2	70.5	66.7	62.9	62.4	58.1	54.5	47.0	69.7	74.4
9	[mc/h] 3156	Lps dB rilevato(meas.)	58.1	68.8	71.9	69.6	65.2	66.1	62.7	57.2	49.4	72.3	76.3
		Lps dB corretto.(calc.)	51.3	66.8	70.8	67.4	63.9	63.9	59.9	56.7	49.3	70.7	74.6
10	[mc/h] 3417	Lps dB rilevato(meas.)	61.5	73.7	72.6	70.8	66.5	67.4	64.2	58.9	51.0	73.7	78.4
		Lps dB corretto.(calc.)	57.1	71.7	71.5	68.6	65.1	65.1	61.4	58.3	51.0	72.0	76.6
11	[mc/h] 3558	Lps dB rilevato(meas.)	66.3	70.4	72.7	70.6	67.1	68.1	65.2	59.8	52.1	74.1	77.9
		Lps dB corretto.(calc.)	62.9	68.3	71.6	68.4	65.8	65.9	62.3	59.2	52.1	72.3	76.1
12	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
Compilato:			Controllato:			Data:							

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4944.003 Data: 14/04/2015																				
	Ventilatore tipo: <u>DDMP 7/9</u>		Motore tipo: <u>1416A1</u>																				
	Fan type:		Motor type:																				
Note: Prova a---230 V 50 Hz---Segnale costante 5 Vdc 0 0																							
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2) 																							
Disposizione microfono dal vent. (microphone position from fan) L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =			posizione motore / motor set-up: E																				
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°																							
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Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.										
Rumore di fondo (background noise)	dB	53.1	42.4	40.0	39.4	35.1	31.5	25.2	18.4	18.7		40.6	53.9										
Corr. calc. press. sonora (s. pressure corr. factor) K		-3.005	-2.0	-1.072	-2.175	-1.3	-2.228	-2.829	-0.532	-0.069		-2.0	-1.8										
1	[mc/h] 348	Lps dB rilevato(meas.)	58.5	63.4	63.1	58.5	52.0	52.1	49.2	39.4	36.9	60.5	67.8										
		Lps dB corretto.(calc.)	54.0	61.4	62.0	56.2	50.6	49.8	46.3	38.8	36.8	58.8	65.9										
2	[mc/h] 680	Lps dB rilevato(meas.)	58.4	64.9	64.4	60.3	54.0	53.2	48.8	40.3	37.0	61.8	69.1										
		Lps dB corretto.(calc.)	53.9	62.8	63.4	58.1	52.6	51.0	45.9	39.7	36.9	60.3	67.3										
3	[mc/h] 1123	Lps dB rilevato(meas.)	60.4	66.6	66.0	60.9	54.9	54.4	49.9	41.7	37.9	62.8	70.6										
		Lps dB corretto.(calc.)	56.6	64.6	64.9	58.7	53.5	52.2	47.0	41.1	37.8	61.4	68.8										
4	[mc/h] 1325	Lps dB rilevato(meas.)	59.5	66.9	66.7	61.2	55.2	55.2	50.4	42.4	37.1	63.3	71.0										
		Lps dB corretto.(calc.)	55.3	64.8	65.6	59.0	53.8	52.9	47.5	41.8	36.9	62.0	69.2										
5	[mc/h] 1746	Lps dB rilevato(meas.)	56.1	67.4	68.6	63.3	58.0	57.1	52.8	45.1	38.5	65.3	72.2										
		Lps dB corretto.(calc.)	50.1	65.3	67.5	61.1	56.6	54.8	49.9	44.6	38.4	64.0	70.5										
6	[mc/h] 1974	Lps dB rilevato(meas.)	54.8	66.8	68.0	63.6	58.6	58.4	54.0	46.9	39.2	65.8	71.9										
		Lps dB corretto.(calc.)	46.9	64.8	67.0	61.4	57.2	56.2	51.2	46.3	39.1	64.4	70.2										
7	[mc/h] 2190	Lps dB rilevato(meas.)	56.2	65.8	68.6	64.5	60.2	59.5	55.5	48.7	40.9	66.8	72.2										
		Lps dB corretto.(calc.)	50.4	63.8	67.5	62.4	58.8	57.3	52.7	48.2	40.8	65.4	70.6										
8	[mc/h] 2436	Lps dB rilevato(meas.)	56.1	65.7	68.4	65.8	61.7	60.9	57.1	50.6	42.8	68.0	72.6										
		Lps dB corretto.(calc.)	50.1	63.7	67.3	63.6	60.3	58.7	54.3	50.0	42.7	66.4	70.9										
9	[mc/h] 2701	Lps dB rilevato(meas.)	56.4	65.9	69.5	66.0	62.5	62.4	59.0	52.9	45.1	69.1	73.4										
		Lps dB corretto.(calc.)	50.6	63.9	68.4	63.8	61.2	60.2	56.2	52.4	45.0	67.4	71.7										
10	[mc/h] 3046	Lps dB rilevato(meas.)	64.3	66.7	70.5	68.2	64.1	64.7	61.5	55.7	47.9	71.0	75.1										
		Lps dB corretto.(calc.)	61.0	64.7	69.5	66.0	62.7	62.5	58.7	55.2	47.8	69.3	73.4										
11	[mc/h] 3302	Lps dB rilevato(meas.)	64.1	66.8	71.4	69.9	65.5	66.6	63.5	57.8	49.8	72.7	76.2										
		Lps dB corretto.(calc.)	60.7	64.8	70.4	67.7	64.2	64.3	60.7	57.3	49.8	71.0	74.5										
12	[mc/h] 3639	Lps dB rilevato(meas.)	68.1	68.8	72.7	72.2	67.2	68.4	66.5	60.3	52.5	74.7	78.2										
		Lps dB corretto.(calc.)	64.9	66.8	71.6	70.1	65.8	66.1	63.6	59.7	52.4	73.0	76.4										
Compilato:		Controllato:		Data:																			

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4944.004										
			Data: 14/04/2015										
Ventilatore tipo: <u>DDMP 7/9</u>		Motore tipo: <u>1416A1</u>											
Fan type:		Motor type:											
Note: Prova a---230 V 50 Hz---Segnale costante 4 Vdc													
0													
0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
AMCA 210 test chamber camera Camera10000													
Disposizione microfono dal vent. (microphone position from fan)		posizione motore / motor set-up: E											
L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =													
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°													
												110	
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	50.8	39.8	38.8	36.5	33.3	30.3	27.0	21.9	17.8		38.9	51.6
Corr. calc. press. sonora (s. pressure corr. factor) K		-3.005	-2.0	-1.072	-2.175	-1.3	-2.228	-2.829	-0.532	-0.069		-2.0	-1.8
1	[mc/h] 246	Lps dB rilevato(meas.)	57.1	58.1	56.3	52.5	49.8	48.3	42.9	33.2	33.9	55.7	62.9
		Lps dB corretto.(calc.)	53.0	56.0	55.1	50.2	48.3	46.1	39.9	32.4	33.8	53.9	60.6
2	[mc/h] 548	Lps dB rilevato(meas.)	58.4	60.5	60.4	56.3	51.7	49.5	44.3	34.8	34.9	58.2	65.6
		Lps dB corretto.(calc.)	54.6	58.5	59.3	54.1	50.3	47.2	41.4	34.1	34.7	56.6	63.6
3	[mc/h] 942	Lps dB rilevato(meas.)	59.9	62.9	62.1	57.4	52.2	50.8	45.2	35.5	34.7	59.4	67.3
		Lps dB corretto.(calc.)	56.3	60.9	61.0	55.2	50.8	48.6	42.3	34.8	34.6	57.9	65.4
4	[mc/h] 1129	Lps dB rilevato(meas.)	60.5	63.3	62.8	57.6	52.0	51.6	45.6	36.5	34.7	59.7	67.8
		Lps dB corretto.(calc.)	57.1	61.2	61.7	55.4	50.6	49.4	42.7	35.8	34.5	58.3	65.9
5	[mc/h] 1548	Lps dB rilevato(meas.)	59.3	64.6	64.5	59.3	53.8	53.9	48.6	40.5	35.2	61.6	69.0
		Lps dB corretto.(calc.)	55.6	62.6	63.4	57.1	52.4	51.6	45.8	39.9	35.1	60.1	67.2
6	[mc/h] 1672	Lps dB rilevato(meas.)	57.7	62.6	64.4	59.4	54.8	54.4	49.5	41.8	35.6	61.9	68.3
		Lps dB corretto.(calc.)	53.7	60.6	63.3	57.3	53.5	52.2	46.7	41.2	35.5	60.4	66.5
7	[mc/h] 1824	Lps dB rilevato(meas.)	55.6	63.5	65.0	60.6	55.8	55.8	51.1	43.3	36.2	63.0	68.9
		Lps dB corretto.(calc.)	50.8	61.4	63.9	58.4	54.4	53.5	48.3	42.8	36.0	61.4	67.2
8	[mc/h] 2030	Lps dB rilevato(meas.)	55.7	62.6	64.4	61.6	57.1	57.0	52.5	45.1	37.4	63.8	68.8
		Lps dB corretto.(calc.)	51.1	60.6	63.4	59.4	55.8	54.7	49.7	44.5	37.3	62.2	67.1
9	[mc/h] 2263	Lps dB rilevato(meas.)	56.0	63.1	65.9	62.5	58.5	58.7	54.7	47.9	39.5	65.3	70.0
		Lps dB corretto.(calc.)	51.5	61.1	64.8	60.3	57.1	56.5	51.9	47.3	39.4	63.7	68.3
10	[mc/h] 2559	Lps dB rilevato(meas.)	62.1	65.0	67.9	64.4	60.2	61.0	57.6	50.9	42.7	67.3	72.2
		Lps dB corretto.(calc.)	58.8	63.0	66.8	62.2	58.9	58.7	54.7	50.4	42.7	65.7	70.5
11	[mc/h] 2760	Lps dB rilevato(meas.)	62.6	66.3	69.1	65.4	61.4	62.7	59.5	52.9	44.7	68.8	73.4
		Lps dB corretto.(calc.)	59.3	64.3	68.0	63.2	60.1	60.5	56.6	52.4	44.7	67.1	71.7
12	[mc/h] 3067	Lps dB rilevato(meas.)	65.3	66.6	71.1	67.0	63.4	64.7	62.6	55.4	47.3	70.8	75.2
		Lps dB corretto.(calc.)	62.1	64.6	70.0	64.8	62.1	62.5	59.7	54.9	47.2	69.2	73.5
Compilato:		Controllato:		Data:									

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4944.005 Data: 14/04/2015										
	Ventilatore tipo: <u>DDMP 7/9</u> Motore tipo: <u>1416A1</u>												
	Fan type: Motor type:												
Note: Prova a---230 V 50 Hz---Segnale costante 3 Vdc 0 0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2) 													
Disposizione microfono dal vent. (microphone position from fan) L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =			posizione motore / motor set-up: E										
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°													
110													
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K	A	LIN.	
Rumore di fondo (background noise)	dB	55.0	45.1	40.5	37.2	34.2	30.9	28.6	21.5	18.6	40.2	55.7	
Corr. calc. press. sonora (s. pressure corr. factor) K		-3.005	-2.0	-1.072	-2.175	-1.3	-2.228	-2.829	-0.532	-0.069	-2.0	-1.8	
1	[mc/h] 206	Lps dB rilevato(meas.)	55.4	53.2	51.8	49.7	48.7	43.6	36.2	25.7	31.9	52.5	59.5
		Lps dB corretto.(calc.)	41.2	50.5	50.3	47.2	47.2	41.1	32.5	23.1	31.6	50.6	55.5
2	[mc/h] 562	Lps dB rilevato(meas.)	57.3	56.1	54.9	52.1	50.1	44.4	38.0	27.1	32.9	54.3	61.9
		Lps dB corretto.(calc.)	50.3	53.7	53.7	49.8	48.6	41.9	34.6	25.1	32.7	52.6	58.8
3	[mc/h] 775	Lps dB rilevato(meas.)	57.5	56.1	56.1	52.9	50.6	45.1	38.8	27.6	32.7	55.0	62.4
		Lps dB corretto.(calc.)	51.0	53.7	54.9	50.6	49.1	42.7	35.6	25.8	32.5	53.4	59.5
4	[mc/h] 927	Lps dB rilevato(meas.)	60.1	58.0	57.2	53.8	50.7	46.3	39.2	28.9	33.3	55.7	64.1
		Lps dB corretto.(calc.)	55.4	55.8	56.1	51.5	49.2	44.0	35.9	27.5	33.0	54.2	61.4
5	[mc/h] 1189	Lps dB rilevato(meas.)	58.7	58.3	58.1	54.0	51.0	48.2	41.4	31.7	33.2	56.5	64.0
		Lps dB corretto.(calc.)	53.2	56.1	57.0	51.7	49.6	45.9	38.3	30.7	33.0	54.9	61.5
6	[mc/h] 1342	Lps dB rilevato(meas.)	55.2	59.0	58.5	55.2	51.9	49.3	43.2	34.2	33.2	57.5	63.8
		Lps dB corretto.(calc.)	38.1	56.8	57.3	52.9	50.4	47.1	40.2	33.4	33.0	55.8	61.4
7	[mc/h] 1518	Lps dB rilevato(meas.)	55.3	59.8	60.0	57.0	52.3	51.2	45.1	36.4	33.2	58.9	64.9
		Lps dB corretto.(calc.)	40.7	57.6	58.9	54.8	50.9	48.9	42.2	35.7	33.0	57.2	62.8
8	[mc/h] 1704	Lps dB rilevato(meas.)	54.7	59.4	59.7	57.7	53.4	52.8	47.5	39.4	33.5	59.8	65.0
		Lps dB corretto.(calc.)	#####	57.2	58.6	55.5	52.0	50.5	44.6	38.8	33.3	#NUM!	#####
9	[mc/h] 1826	Lps dB rilevato(meas.)	54.4	57.5	60.8	58.3	54.0	53.8	48.9	41.1	34.1	60.6	65.2
		Lps dB corretto.(calc.)	#####	55.3	59.7	56.1	52.7	51.5	46.0	40.5	33.9	#NUM!	#####
10	[mc/h] 2049	Lps dB rilevato(meas.)	58.1	60.2	62.4	60.6	55.7	55.9	51.8	44.2	36.3	62.7	67.4
		Lps dB corretto.(calc.)	52.2	58.0	61.3	58.4	54.3	53.6	49.0	43.6	36.2	60.9	65.4
11	[mc/h] 2228	Lps dB rilevato(meas.)	64.9	61.2	63.3	62.1	57.1	58.4	54.0	46.7	38.3	64.5	69.8
		Lps dB corretto.(calc.)	61.4	59.1	62.2	59.9	55.7	56.2	51.2	46.2	38.2	62.7	67.6
12	[mc/h] 2478	Lps dB rilevato(meas.)	62.6	64.0	65.5	63.5	58.9	60.3	57.9	49.4	41.3	66.6	71.0
		Lps dB corretto.(calc.)	58.8	61.9	64.5	61.3	57.6	58.1	55.0	48.9	41.2	64.7	69.1
Compilato:			Controllato:			Data:							