

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4945.000 Data: 14/04/2015										
	Ventilatore tipo: <u>DDMP 225/240</u>		Motore tipo: <u>1416A1</u>										
	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)													
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°													
109													
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	53.8	43.7	41.9	38.1	36.7	32.6	25.3	19.0	16.4		41.2	54.7
Corr. calc. press. sonora (s. pressure corr. factor) K		-1.22	-1.7	-1.075	-2.598	-1.7	-2.18	-2.588	-1.053	-0.357		-2.1	-1.7
1	[mc/h] 454	Lps dB rilevato(meas.)	71.5	72.8	70.9	65.3	60.2	60.2	56.1	51.0	44.6	68.4	77.1
		Lps dB corretto.(calc.)	70.2	71.1	69.8	62.7	58.5	58.1	53.5	49.9	44.2	66.6	75.6
2	[mc/h] 852	Lps dB rilevato(meas.)	71.5	72.5	70.2	65.0	60.5	60.5	56.6	51.5	45.3	68.4	76.8
		Lps dB corretto.(calc.)	70.2	70.8	69.1	62.4	58.8	58.4	54.1	50.4	45.0	66.5	75.3
3	[mc/h] 1221	Lps dB rilevato(meas.)	74.7	73.1	71.5	65.3	61.3	61.0	56.7	51.8	45.2	69.0	78.5
		Lps dB corretto.(calc.)	73.4	71.4	70.4	62.7	59.5	58.8	54.1	50.7	44.8	67.2	77.1
4	[mc/h] 1686	Lps dB rilevato(meas.)	71.7	73.7	71.6	64.2	61.4	61.2	57.1	52.5	45.6	69.0	77.7
		Lps dB corretto.(calc.)	70.4	72.0	70.6	61.6	59.6	59.0	54.5	51.5	45.2	67.2	76.2
5	[mc/h] 2355	Lps dB rilevato(meas.)	66.2	73.3	72.6	65.0	63.2	62.6	58.6	54.4	47.0	70.1	77.1
		Lps dB corretto.(calc.)	64.7	71.6	71.5	62.4	61.4	60.4	56.0	53.3	46.7	68.3	75.6
6	[mc/h] 2662	Lps dB rilevato(meas.)	62.2	70.1	72.0	65.5	64.4	62.4	58.4	54.0	46.6	70.1	75.7
		Lps dB corretto.(calc.)	60.3	68.4	70.9	62.9	62.7	60.2	55.8	52.9	46.2	68.3	74.1
7	[mc/h] 2860	Lps dB rilevato(meas.)	62.0	69.3	70.3	64.9	63.6	61.8	58.0	53.3	45.6	69.3	74.6
		Lps dB corretto.(calc.)	60.1	67.6	69.2	62.2	61.9	59.6	55.5	52.2	45.2	67.4	73.0
8	[mc/h] 2980	Lps dB rilevato(meas.)	62.5	71.0	69.3	64.2	62.8	61.7	57.9	52.9	45.0	68.8	74.8
		Lps dB corretto.(calc.)	60.7	69.3	68.3	61.6	61.0	59.5	55.3	51.9	44.6	66.9	73.1
9	[mc/h] 3135	Lps dB rilevato(meas.)	60.7	65.7	69.0	64.3	63.8	62.1	58.2	52.8	44.8	68.9	73.1
		Lps dB corretto.(calc.)	58.5	64.0	67.9	61.7	62.0	59.9	55.6	51.8	44.5	67.0	71.4
10	[mc/h] 3256	Lps dB rilevato(meas.)	62.0	66.0	67.2	65.1	63.7	62.4	58.4	52.9	45.0	69.0	72.8
		Lps dB corretto.(calc.)	60.1	64.3	66.1	62.5	62.0	60.2	55.8	51.9	44.7	67.0	71.1
11	[mc/h] 3374	Lps dB rilevato(meas.)	64.1	65.5	66.5	64.5	65.2	63.1	59.0	53.2	45.4	69.6	72.9
		Lps dB corretto.(calc.)	62.5	63.7	65.4	61.9	63.4	60.9	56.4	52.1	45.0	67.6	71.2
12	[mc/h] 3512	Lps dB rilevato(meas.)	67.9	65.2	66.6	64.6	64.9	63.7	60.9	53.7	45.8	69.9	73.7
		Lps dB corretto.(calc.)	66.5	63.5	65.5	62.0	63.2	61.5	58.4	52.6	45.5	68.0	72.1
Compilato:		Controllato:		Data:									

NICOTRA Gebhardt		BRUEL & KJAER										TEST N.: S4945.001		
		Real-time Frequency Analyzer Type 2143										Data: 14/04/2015		
		Analizzatore di Frequenza in Tempo Reale Tipo 2143												
Ventilatore tipo: DDMP_225/240 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)														
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°												109		
Banda d'ottava (octave band)		Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)		dB	53.0	44.8	40.0	36.8	31.1	25.9	20.7	17.9	16.1		38.2	53.9
Corr. calc. press. sonora (s. pressure corr. factor) K			-1.22	-1.7	-1.075	-2.598	-1.7	-2.18	-2.588	-1.053	-0.357		-2.1	-1.7
1	[mc/h] 454	Lps dB rilevato(meas.)	72.0	70.9	68.9	63.8	58.6	58.5	54.4	49.4	42.6		66.7	76.0
		Lps dB corretto.(calc.)	70.7	69.2	67.8	61.2	56.9	56.3	51.8	48.4	42.2		64.9	74.6
2	[mc/h] 846	Lps dB rilevato(meas.)	70.3	70.6	69.2	64.0	59.1	58.9	55.0	49.7	43.1		67.0	75.4
		Lps dB corretto.(calc.)	69.0	68.9	68.1	61.4	57.4	56.7	52.4	48.7	42.7		65.2	73.9
3	[mc/h] 1207	Lps dB rilevato(meas.)	71.8	71.6	69.7	63.4	60.1	59.4	55.4	50.2	43.3		67.4	76.4
		Lps dB corretto.(calc.)	70.5	69.9	68.6	60.8	58.4	57.2	52.8	49.2	42.9		65.5	74.9
4	[mc/h] 1561	Lps dB rilevato(meas.)	69.6	73.1	69.8	63.1	60.5	59.5	55.6	50.7	43.8		67.7	76.4
		Lps dB corretto.(calc.)	68.3	71.4	68.7	60.5	58.7	57.3	53.0	49.6	43.5		65.7	74.9
5	[mc/h] 2254	Lps dB rilevato(meas.)	65.2	71.3	72.9	64.2	62.2	61.2	57.2	52.8	45.4		69.1	76.3
		Lps dB corretto.(calc.)	63.7	69.6	71.8	61.6	60.4	59.0	54.6	51.8	45.1		67.6	74.8
6	[mc/h] 2647	Lps dB rilevato(meas.)	64.1	70.6	71.3	65.6	63.8	62.1	58.2	53.9	46.5		69.8	75.6
		Lps dB corretto.(calc.)	62.5	68.9	70.2	63.0	62.1	59.9	55.6	52.9	46.2		67.9	74.0
7	[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!	#####
8	[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!	#####
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								TEST N.: S4945.002			
		Real-time Frequency Analyzer Type 2143								Data: 14/04/2015			
		Analizzatore di Frequenza in Tempo Reale Tipo 2143											
Ventilatore tipo: DDMP_225/240 Motore tipo: 1416A1													
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)													
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°											109		
Banda d'ottava (octave band)		Hz	63	125	250	500	1K	2K	4K	8K	16K	A	LIN.
Rumore di fondo (background noise)		dB	52.2	40.9	40.4	34.5	31.5	26.9	24.4	18.2	16.4	37.4	52.9
Corr. calc. press. sonora (s. pressure corr. factor) K			-1.22	-1.7	-1.075	-2.598	-1.7	-2.18	-2.588	-1.053	-0.357	-2.1	-1.7
1	[mc/h] 416	Lps dB rilevato(meas.)	70.6	68.3	65.7	60.8	55.4	54.9	50.7	45.8	38.6	63.5	73.8
		Lps dB corretto.(calc.)	69.3	66.6	64.6	58.2	53.7	52.8	48.1	44.8	38.2	61.7	72.4
2	[mc/h] 689	Lps dB rilevato(meas.)	67.0	68.0	65.8	60.5	56.3	55.7	51.7	46.5	39.1	63.7	72.4
		Lps dB corretto.(calc.)	65.6	66.3	64.7	57.8	54.6	53.5	49.1	45.5	38.7	61.9	70.8
3	[mc/h] 1010	Lps dB rilevato(meas.)	68.8	68.2	66.5	60.6	56.8	56.0	51.9	46.4	39.0	64.2	73.2
		Lps dB corretto.(calc.)	67.5	66.5	65.5	58.0	55.1	53.8	49.3	45.4	38.6	62.3	71.7
4	[mc/h] 1374	Lps dB rilevato(meas.)	66.7	68.8	66.5	60.3	57.4	56.2	52.7	47.3	39.3	64.4	72.8
		Lps dB corretto.(calc.)	65.3	67.1	65.4	57.7	55.7	54.0	50.1	46.2	38.9	62.5	71.2
5	[mc/h] 1985	Lps dB rilevato(meas.)	63.4	69.6	68.7	62.0	59.3	57.8	54.4	49.7	41.1	66.1	73.4
		Lps dB corretto.(calc.)	61.9	67.9	67.6	59.4	57.6	55.6	51.8	48.6	40.7	64.3	71.9
6	[mc/h] 2435	Lps dB rilevato(meas.)	62.7	69.2	69.8	63.5	62.0	59.9	56.1	51.6	43.3	67.9	74.0
		Lps dB corretto.(calc.)	61.1	67.5	68.7	60.9	60.2	57.7	53.5	50.5	42.9	66.0	72.5
7	[mc/h] 2714	Lps dB rilevato(meas.)	63.3	69.9	70.4	64.3	62.7	60.9	57.0	52.5	44.5	68.6	74.7
		Lps dB corretto.(calc.)	61.7	68.2	69.3	61.7	61.0	58.8	54.4	51.4	44.1	66.8	73.1
8	[mc/h] 2985	Lps dB rilevato(meas.)	61.7	70.0	69.9	64.9	62.8	61.8	57.7	52.8	45.0	69.0	74.6
		Lps dB corretto.(calc.)	60.0	68.3	68.8	62.3	61.1	59.6	55.1	51.7	44.6	67.1	73.0
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.: S4945.003 Data: 14/04/2015										
	Ventilatore tipo: <u>DDMP 225/240</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°													
											109		
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	51.5	42.3	39.1	34.3	30.2	25.1	22.7	17.6	16.5		36.7	52.3
Corr. calc. press. sonora (s. pressure corr. factor) K		-1.22	-1.7	-1.075	-2.598	-1.7	-2.18	-2.588	-1.053	-0.357		-2.1	-1.7
1	[mc/h] 359	Lps dB rilevato(meas.)	65.5	63.4	62.3	57.1	52.2	51.7	47.0	42.5	37.4	59.8	69.2
		Lps dB corretto.(calc.)	64.1	61.6	61.2	54.5	50.5	49.6	44.4	41.4	37.0	58.1	67.7
2	[mc/h] 680	Lps dB rilevato(meas.)	66.6	64.3	63.0	57.6	53.0	52.2	47.7	42.8	37.3	60.5	70.1
		Lps dB corretto.(calc.)	65.3	62.6	61.9	55.0	51.3	50.0	45.1	41.7	36.9	58.8	68.7
3	[mc/h] 868	Lps dB rilevato(meas.)	68.2	64.8	63.9	57.6	53.2	52.5	48.1	42.8	37.0	60.9	71.2
		Lps dB corretto.(calc.)	66.9	63.1	62.8	55.0	51.4	50.3	45.5	41.8	36.6	59.2	69.8
4	[mc/h] 1253	Lps dB rilevato(meas.)	69.1	63.8	62.6	56.9	53.8	52.8	49.1	43.4	37.2	60.6	71.2
		Lps dB corretto.(calc.)	67.8	62.0	61.5	54.2	52.0	50.6	46.5	42.4	36.8	58.9	69.8
5	[mc/h] 1717	Lps dB rilevato(meas.)	62.6	65.3	64.6	58.8	56.1	54.4	51.0	45.5	37.9	62.5	69.9
		Lps dB corretto.(calc.)	61.0	63.6	63.5	56.2	54.4	52.3	48.4	44.4	37.5	60.8	68.3
6	[mc/h] 2100	Lps dB rilevato(meas.)	59.0	65.9	67.1	60.5	57.3	56.2	52.7	47.4	39.1	64.2	70.8
		Lps dB corretto.(calc.)	57.0	64.2	66.0	57.9	55.5	54.0	50.1	46.4	38.7	62.5	69.3
7	[mc/h] 2467	Lps dB rilevato(meas.)	59.0	67.8	67.4	62.0	59.7	58.0	54.1	49.1	40.6	65.8	72.0
		Lps dB corretto.(calc.)	56.9	66.1	66.3	59.4	57.9	55.9	51.5	48.1	40.3	64.0	70.4
8	[mc/h] 2852	Lps dB rilevato(meas.)	60.5	66.3	69.1	64.0	62.0	60.3	56.6	51.4	43.4	67.8	72.8
		Lps dB corretto.(calc.)	58.7	64.6	68.0	61.4	60.3	58.1	54.0	50.4	43.0	66.0	71.3
9	[mc/h] 3108	Lps dB rilevato(meas.)	61.0	66.4	69.8	65.0	64.3	61.8	57.9	52.6	44.8	69.2	73.7
		Lps dB corretto.(calc.)	59.2	64.7	68.7	62.4	62.6	59.7	55.3	51.5	44.4	67.4	72.1
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.: S4945.004									
			Data: 14/04/2015									
Ventilatore tipo: <u>DDMP 225/240</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)												
Disposizione microfono dal vent. (microphone position from fan)			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°												
109												
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		
Rumore di fondo (background noise)	dB	50.9	39.3	39.0	37.4	33.1	26.9	21.9	18.0	16.6		
Corr. calc. press. sonora (s. pressure corr. factor) K		-1.22	-1.7	-1.075	-2.598	-1.7	-2.18	-2.588	-1.053	-0.357		
1	[mc/h] 297	Lps dB rilevato(meas.)	62.7	59.8	58.6	54.3	49.3	48.4	43.1	39.0	32.2	56.6
		Lps dB corretto.(calc.)	61.2	58.1	57.5	51.6	47.5	46.2	40.5	38.0	31.7	54.8
2	[mc/h] 459	Lps dB rilevato(meas.)	60.4	58.7	57.3	54.0	48.3	47.8	42.5	38.8	31.7	55.9
		Lps dB corretto.(calc.)	58.6	56.9	56.1	51.3	46.4	45.6	39.9	37.7	31.3	54.0
3	[mc/h] 711	Lps dB rilevato(meas.)	60.1	61.0	59.1	53.9	48.8	48.0	43.0	38.5	31.6	56.6
		Lps dB corretto.(calc.)	58.3	59.3	58.0	51.2	47.0	45.8	40.3	37.4	31.1	54.7
4	[mc/h] 1058	Lps dB rilevato(meas.)	62.1	60.0	58.1	53.3	50.4	49.0	44.5	38.5	31.6	56.8
		Lps dB corretto.(calc.)	60.6	58.2	57.0	50.6	48.6	46.8	41.8	37.5	31.1	54.9
5	[mc/h] 1393	Lps dB rilevato(meas.)	57.0	61.6	58.8	54.7	51.1	50.1	46.3	40.0	32.4	57.9
		Lps dB corretto.(calc.)	54.6	59.9	57.7	52.0	49.3	47.9	43.6	38.9	31.9	55.9
6	[mc/h] 1783	Lps dB rilevato(meas.)	55.7	64.4	61.3	56.4	53.0	51.6	48.4	42.4	33.5	59.9
		Lps dB corretto.(calc.)	52.8	62.7	60.2	53.8	51.2	49.4	45.8	41.4	33.1	57.9
7	[mc/h] 2103	Lps dB rilevato(meas.)	56.2	64.0	62.6	58.4	54.8	53.9	50.2	44.4	35.4	61.6
		Lps dB corretto.(calc.)	53.4	62.3	61.5	55.8	53.1	51.7	47.6	43.4	35.0	59.6
8	[mc/h] 2370	Lps dB rilevato(meas.)	56.7	63.5	64.0	59.9	57.1	55.8	52.1	46.3	37.1	63.2
		Lps dB corretto.(calc.)	54.2	61.8	62.9	57.3	55.3	53.6	49.5	45.3	36.7	61.3
9	[mc/h] 2689	Lps dB rilevato(meas.)	57.8	64.4	64.3	61.5	59.3	58.0	54.3	48.6	39.5	65.1
		Lps dB corretto.(calc.)	55.6	62.7	63.3	58.8	57.6	55.8	51.7	47.5	39.2	63.1
10	[mc/h] 3029	Lps dB rilevato(meas.)	62.6	64.2	66.1	62.9	61.8	60.4	56.7	50.8	42.4	67.2
		Lps dB corretto.(calc.)	61.0	62.5	65.1	60.3	60.1	58.2	54.1	49.8	42.1	65.2
11	[mc/h] 3363	Lps dB rilevato(meas.)	66.2	65.5	67.5	64.7	64.5	62.9	59.0	53.0	45.1	69.4
		Lps dB corretto.(calc.)	64.8	63.8	66.5	62.1	62.8	60.7	56.4	51.9	44.8	67.4
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
		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.:	S4945.005										
			Data:	14/04/2015										
Ventilatore tipo: <u>DDMP 225/240</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°														
												109		
Banda d'ottava (octave band)	Hz		63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB		53.0	39.3	38.1	33.4	32.1	30.7	26.6	23.4	18.1		37.9	53.5
Corr. calc. press. sonora (s. pressure corr. factor) K			-1.22	-1.7	-1.075	-2.598	-1.7	-2.18	-2.588	-1.053	-0.357		-2.1	-1.7
1	[mc/h] 206	Lps dB rilevato(meas.)	53.7	54.1	50.7	49.0	44.0	41.8	35.8	30.5	28.7		50.5	58.7
		Lps dB corretto.(calc.)	44.5	52.3	49.4	46.3	42.0	39.2	32.7	28.5	27.9		48.3	55.5
2	[mc/h] 436	Lps dB rilevato(meas.)	58.3	54.7	52.3	49.8	44.3	42.8	36.9	31.1	28.3		51.4	61.1
		Lps dB corretto.(calc.)	55.5	52.9	51.0	47.1	42.3	40.3	33.8	29.2	27.5		49.3	58.8
3	[mc/h] 574	Lps dB rilevato(meas.)	57.1	56.4	53.3	49.6	44.8	43.0	36.8	30.3	28.1		51.8	61.2
		Lps dB corretto.(calc.)	53.8	54.6	52.1	46.9	42.8	40.6	33.7	28.3	27.3		49.7	58.9
4	[mc/h] 833	Lps dB rilevato(meas.)	58.5	56.5	53.5	49.9	45.1	43.8	37.9	29.9	27.8		52.2	61.9
		Lps dB corretto.(calc.)	55.8	54.7	52.3	47.2	43.2	41.4	35.0	27.7	26.9		50.1	59.7
5	[mc/h] 1185	Lps dB rilevato(meas.)	54.9	55.8	53.5	50.9	46.6	45.6	40.8	31.8	27.8		53.3	60.5
		Lps dB corretto.(calc.)	49.2	54.0	52.3	48.2	44.7	43.3	38.0	30.1	27.0		51.1	58.0
6	[mc/h] 1400	Lps dB rilevato(meas.)	55.2	58.1	55.8	52.0	47.6	46.9	42.5	33.7	28.3		54.7	62.2
		Lps dB corretto.(calc.)	50.1	56.3	54.6	49.4	45.7	44.7	39.8	32.2	27.5		52.7	59.9
7	[mc/h] 1667	Lps dB rilevato(meas.)	53.7	58.3	57.3	54.4	49.2	48.5	44.5	36.4	29.3		56.4	62.8
		Lps dB corretto.(calc.)	44.2	56.6	56.2	51.8	47.4	46.3	41.8	35.1	28.6		54.4	60.7
8	[mc/h] 1946	Lps dB rilevato(meas.)	55.2	59.6	58.4	56.1	51.6	50.6	46.7	39.7	30.9		58.3	64.3
		Lps dB corretto.(calc.)	50.0	57.9	57.3	53.5	49.8	48.3	44.1	38.6	30.3		56.3	62.2
9	[mc/h] 2171	Lps dB rilevato(meas.)	54.5	60.4	60.2	57.8	53.8	52.7	48.8	42.0	32.5		60.2	65.5
		Lps dB corretto.(calc.)	48.1	58.7	59.1	55.1	52.0	50.4	46.1	40.9	32.0		58.2	63.5
10	[mc/h] 2443	Lps dB rilevato(meas.)	58.6	61.0	61.0	59.3	56.1	55.2	51.2	44.8	35.2		62.2	67.0
		Lps dB corretto.(calc.)	56.0	59.2	59.9	56.7	54.3	53.0	48.6	43.7	34.8		60.1	65.1
11	[mc/h] 2806	Lps dB rilevato(meas.)	61.0	61.8	62.8	61.4	59.2	58.4	54.2	48.2	38.7		65.0	69.0
		Lps dB corretto.(calc.)	59.1	60.1	61.7	58.8	57.5	56.2	51.6	47.1	38.3		62.9	67.2
12	[mc/h] 3275	Lps dB rilevato(meas.)	65.7	63.9	64.3	63.2	62.3	61.8	58.7	51.5	43.1		67.9	71.7
		Lps dB corretto.(calc.)	64.2	62.2	63.2	60.6	60.5	59.6	56.1	50.5	42.7		65.8	70.1
Compilato:			Controllato:			Data:								