



new air bender



© 2013 AMCA International

AMCA International
 2500 N. 1st St. Suite 200
 Fresno, CA 93701
 Tel: 559-256-1500
 Fax: 559-256-1501
 www.amca.org



Technical Description

Adjustable blade angel, self flanged axial duct type van axial fan . The fans available for smoke exhaust , certified as F300, F400 complying with EN12101-3, Notified body 1812.

Between 315-1600 mm diameter, up to 210.000 m3/h air flow rate

Multi Vane section designed to serve as static regain device to ensure maximum efficiency in converting the velocity pressure to static pressure with minimum turbulence as optional

The function (optional) of the guide vanes is to improve the efficiency and the pressure characteristics by converting rotational energy at the propeller discharge into useful work.

Casings

Casing is made of hot-dip galvanized steel and long cased type including terminal box in standard production. According to the requirements, casing can be electrostatic paint coated.

Impellers

Axial impellers are balanced with the quality level of G 6,3 according to ISO 1940-1. Hub is made of galvanised steel and aluminium. Impellers are made of aluminum casting and the blade angles are adjustable. The impeller has to be balanced after blade adjustment. The blade angle is measured from the bottom of wing. The number of blades is variable, which expands the performance range and allows any operating point.

Motors

3-phase IEC standard motors of type B3 with IP 55 protection class and H insulation class in 2-, 4-, 6- or 8 poles execution are used. Other design on request.

Safety Protection

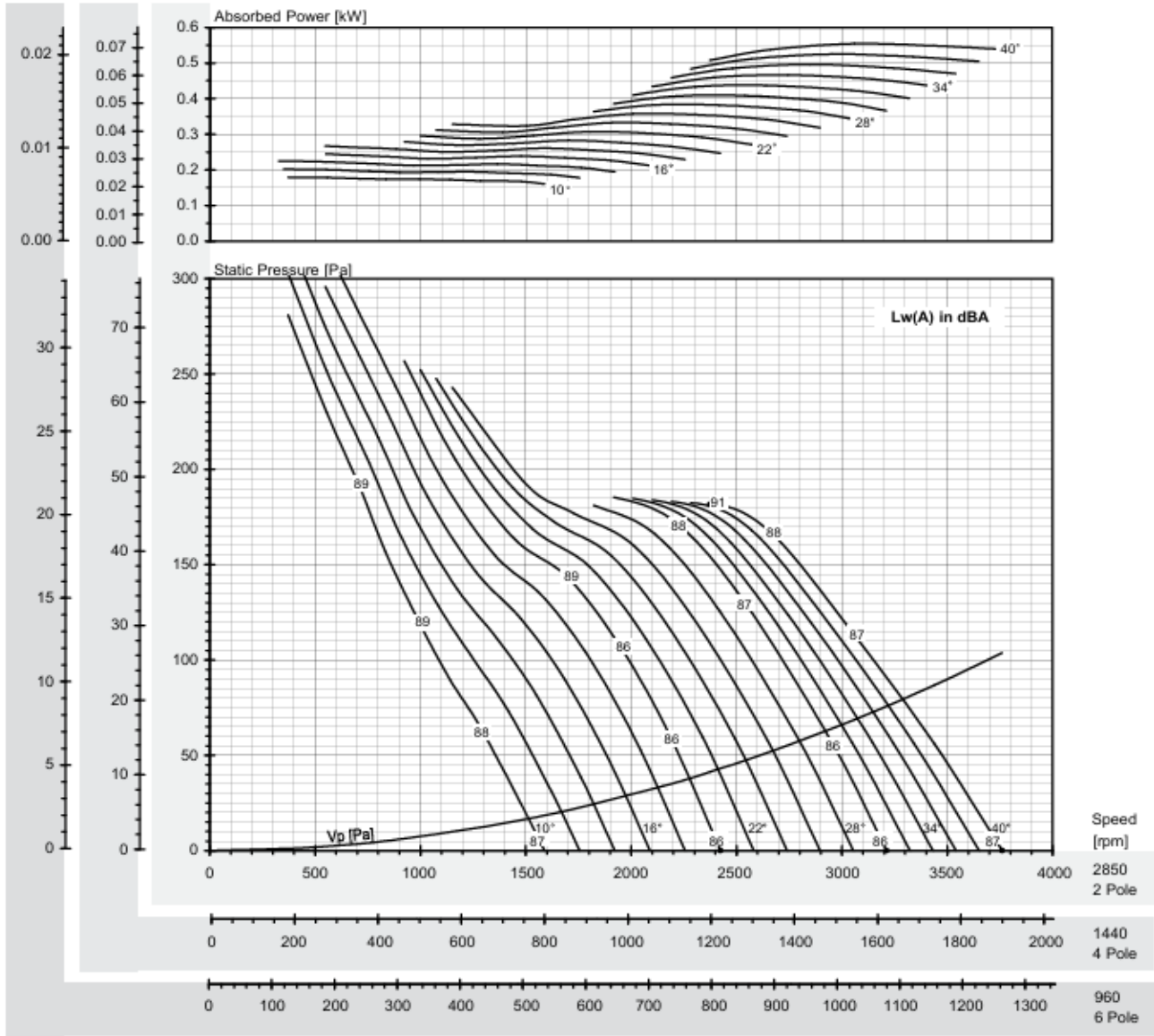
The fans are designed for installation in ventilation system and therefore supplied without protection guard in standard. The user has to be sure before initial operation that safety protection is ensured according to EN 12100-1 / 2.

Adjustable Pitch Angle Axial Fan

CVS-315/5

Impeller Code : 315/150
Size : 315mm

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle															Lw(A) in dBA	Lp(A) at 3m		
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°			40°	
960 motor	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.013	0.014	0.015	0.016	0.017	0.018	0.019	0.020	0.021	-28	-48	
	0.18																		
1440 motor	0.023	0.026	0.029	0.032	0.034	0.037	0.040	0.043	0.046	0.049	0.053	0.056	0.060	0.064	0.068	0.071	-18	-38	
	0.18																		
2850 motor	0.178	0.200	0.222	0.245	0.267	0.283	0.308	0.333	0.357	0.382	0.408	0.437	0.467	0.496	0.525	0.554	0	-20	
	0.18			0.37						0.55						0.75			

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international

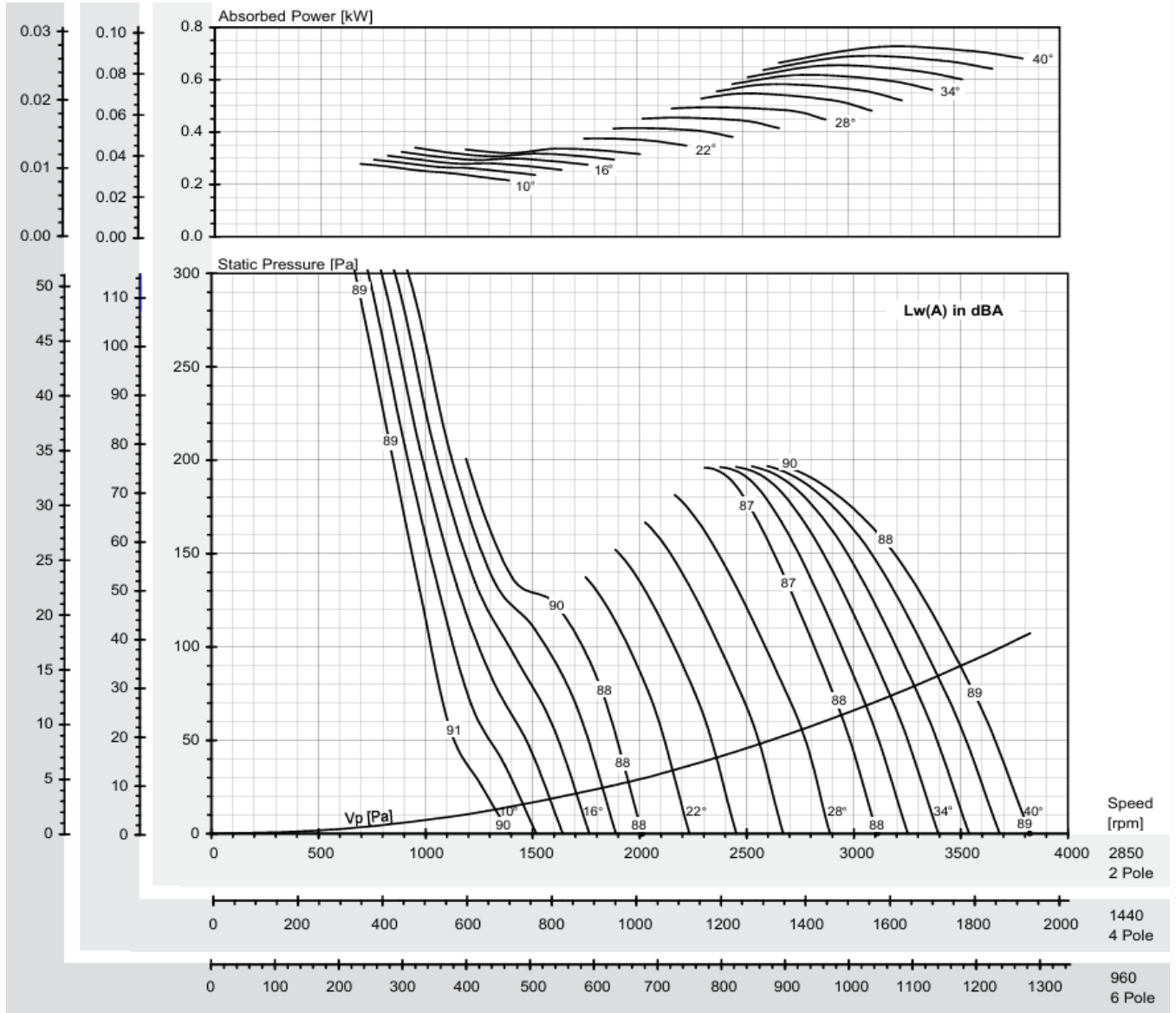


Adjustable Pitch Angle Axial Fan

SERIES CVS- 315 /10

Impeller Code : 315/150
Size : 315mm

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.011	0.011	0.012	0.012	0.013	0.014	0.014	0.016	0.017	0.019	0.021	0.022	0.024	0.025	0.026	0.028	-28	-48
1440 motor	0.036	0.038	0.040	0.042	0.044	0.046	0.048	0.053	0.058	0.063	0.071	0.075	0.080	0.084	0.089	0.094	-18	-38
2850 motor	0.278	0.294	0.309	0.325	0.340	0.356	0.374	0.413	0.451	0.489	0.548	0.583	0.619	0.654	0.690	0.725	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international

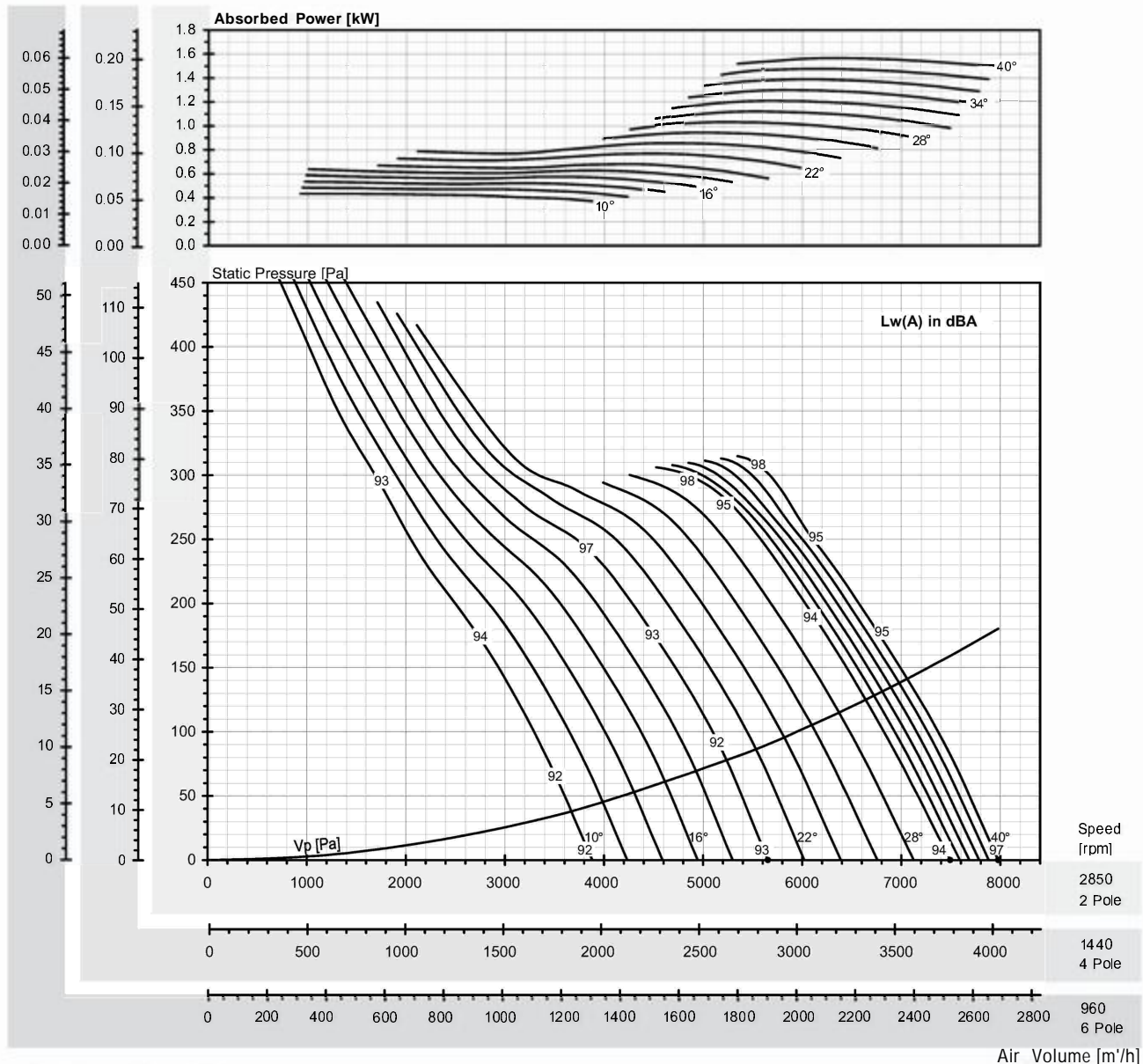


SERIES CVS- 400 /5

Impeller Code : 400/150
Size : 400mm

Adjustable Pitch Angle Axial Fan

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.017	0.018	0.020	0.022	0.024	0.026	0.029	0.033	0.036	0.039	0.043	0.046	0.049	0.053	0.056	0.060	-29	-49
1440 motor	0.056	0.062	0.069	0.076	0.082	0.087	0.099	0.110	0.121	0.133	0.144	0.156	0.167	0.179	0.190	0.202	-18	-38
2850 motor	0.43	0.48	0.54	0.59	0.64	0.68	0.77	0.85	0.94	1.03	1.12	1.21	1.30	1.39	1.48	1.56	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international

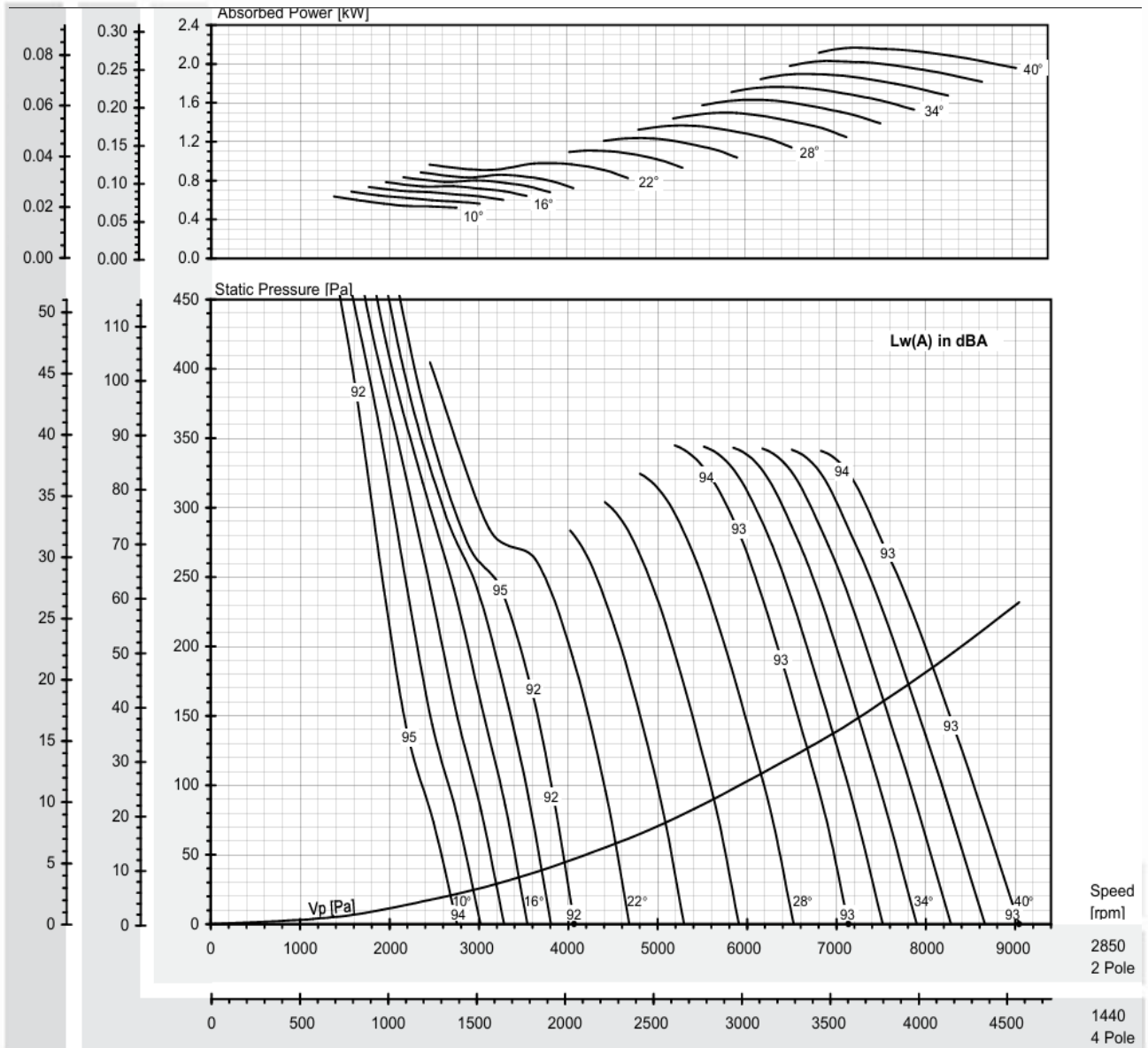


SERIES CVS-400 /10

Impeller Code : 400/150
Size : 400mm

Adjustable Pitch Angle Axial Fan

50Hz



Peak Absorbed Power (kW)

Air Volume m^3/h

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.025	0.028	0.030	0.032	0.035	0.037	0.037	0.042	0.047	0.052	0.057	0.062	0.067	0.072	0.077	0.082	-27	-47
1440 motor	0.085	0.093	0.101	0.109	0.117	0.125	0.126	0.142	0.159	0.176	0.193	0.210	0.227	0.244	0.261	0.278	-17	-37
2850 motor	0.66	0.72	0.78	0.84	0.91	0.97	0.98	1.10	1.23	1.36	1.50	1.63	1.76	1.89	2.02	2.15	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



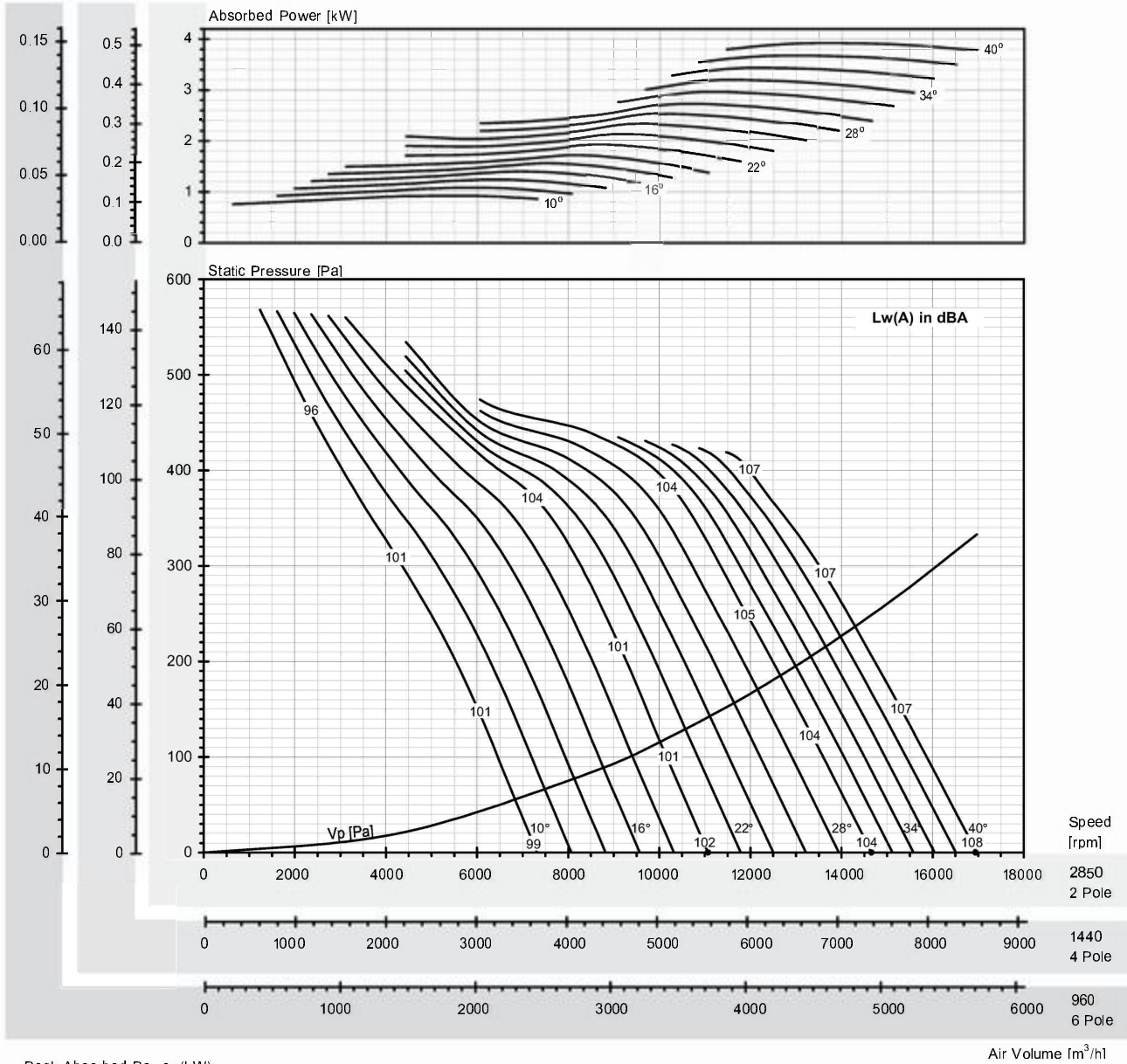
SERIES CVS- 500 / 5

Adjustable Pitch Angle Axial Fan

Impeller Code : 500/150
Size : 500mm

FEG 56

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.035	0.041	0.047	0.054	0.060	0.066	0.073	0.081	0.089	0.096	0.104	0.113	0.122	0.131	0.140	0.150	-29	-49
1440 motor	0.119	0.140	0.160	0.181	0.201	0.222	0.248	0.274	0.299	0.325	0.351	0.381	0.411	0.442	0.474	0.506	-18	-38
2850 motor	0.92	1.08	1.24	1.40	1.56	1.72	1.92	2.12	2.32	2.52	2.72	2.95	3.19	3.43	3.68	3.92	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international

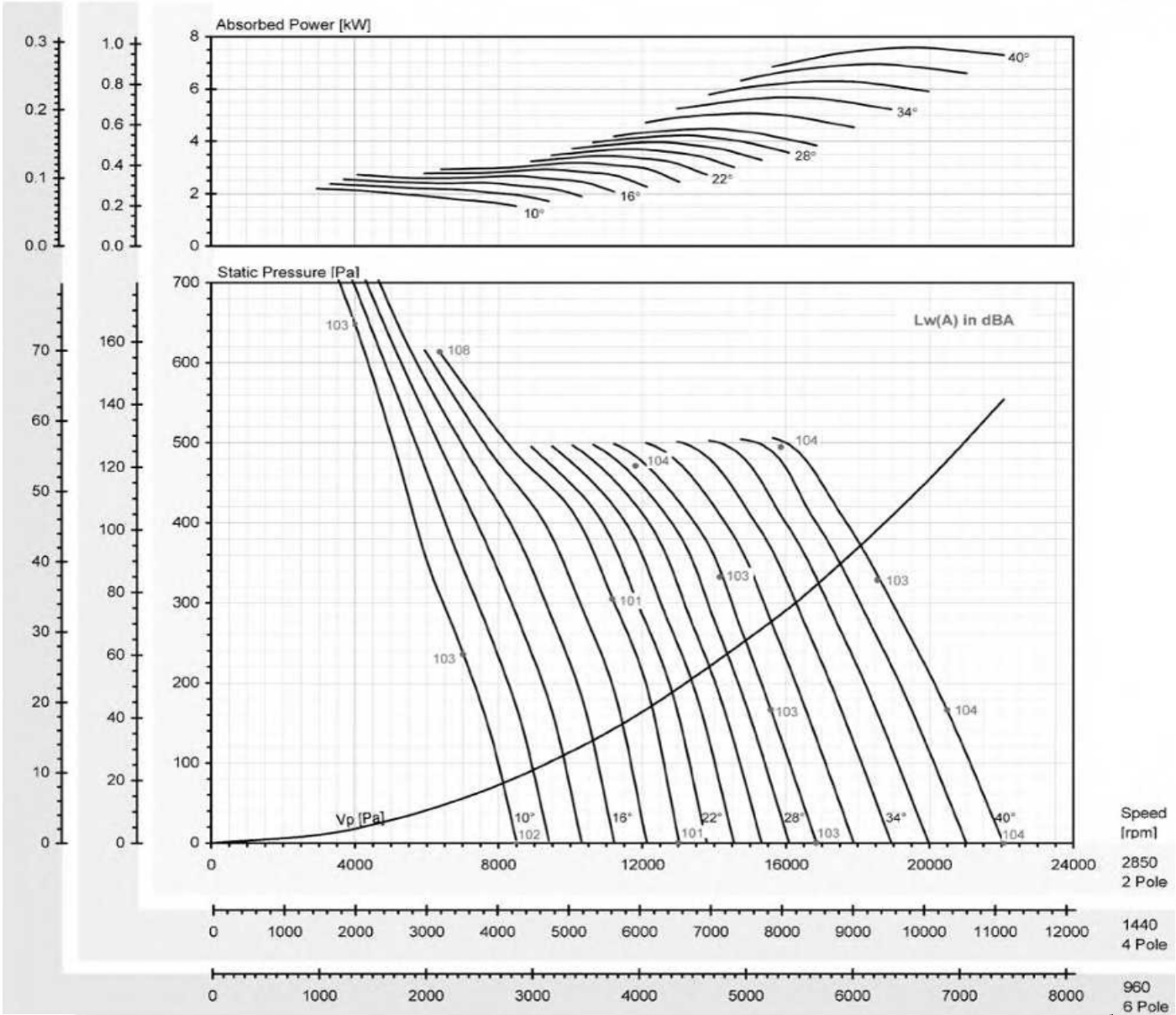


Adjustable Pitch Angle Axial Fan

Impeller Code : 500/150
Size : 500mm

FEG 53

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.084	0.091	0.097	0.104	0.112	0.122	0.131	0.141	0.151	0.161	0.171	0.193	0.216	0.241	0.265	0.290	-28	-48
1440 motor	0.283	0.306	0.328	0.351	0.377	0.410	0.444	0.477	0.510	0.544	0.577	0.652	0.730	0.813	0.896	0.979	-17	-37
2850 motor	2.19	2.37	2.54	2.72	2.93	3.18	3.44	3.70	3.96	4.21	4.47	5.05	5.66	6.30	6.95	7.59	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international

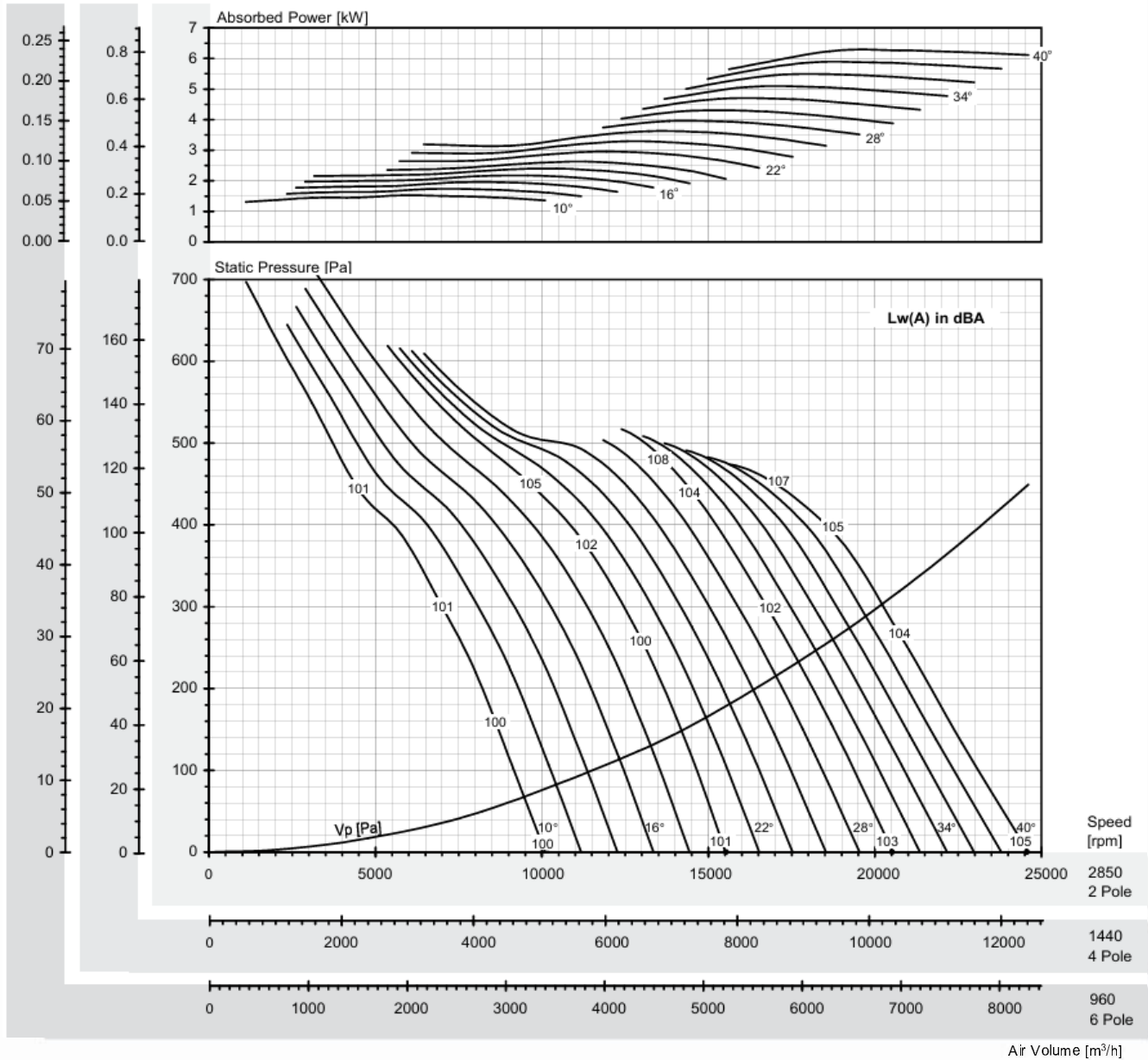


Adjustable Pitch Angle Tube Axial Fan

Impeller Code : 560/150
Size : 560 mm

FEG 60

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	-28	-48
1440 motor	0.20	0.22	0.25	0.28	0.31	0.34	0.38	0.42	0.47	0.51	0.55	0.60	0.65	0.71	0.76	0.81	-17	-37
2850 motor	1.52	1.73	1.95	2.18	2.40	2.63	2.96	3.29	3.62	3.96	4.29	4.68	5.07	5.47	5.87	6.27	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



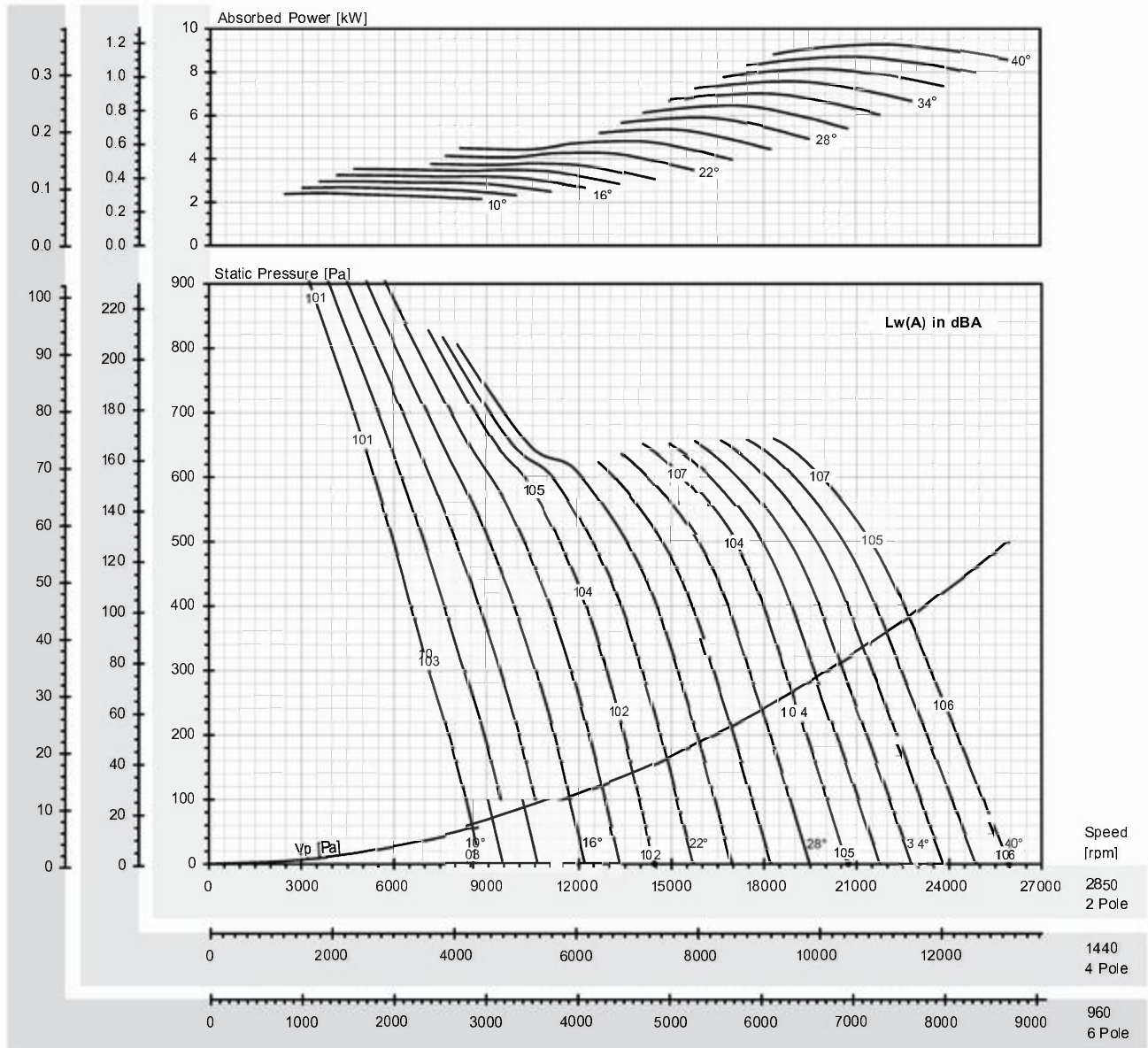
SERIES CVS- 560 /10

Adjustable Pitch Angle Axial Fan

Impeller Code : 560/150
Size : 560mm

FEG 56

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	-27	-47
1440 motor	0.31	0.35	0.38	0.42	0.46	0.49	0.55	0.62	0.69	0.76	0.83	0.91	0.98	1.05	1.12	1.20	-17	-37
2850 motor	2.42	2.69	2.96	3.25	3.54	3.83	4.25	4.80	5.35	5.91	6.46	7.02	7.58	8.15	8.71	9.27	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international

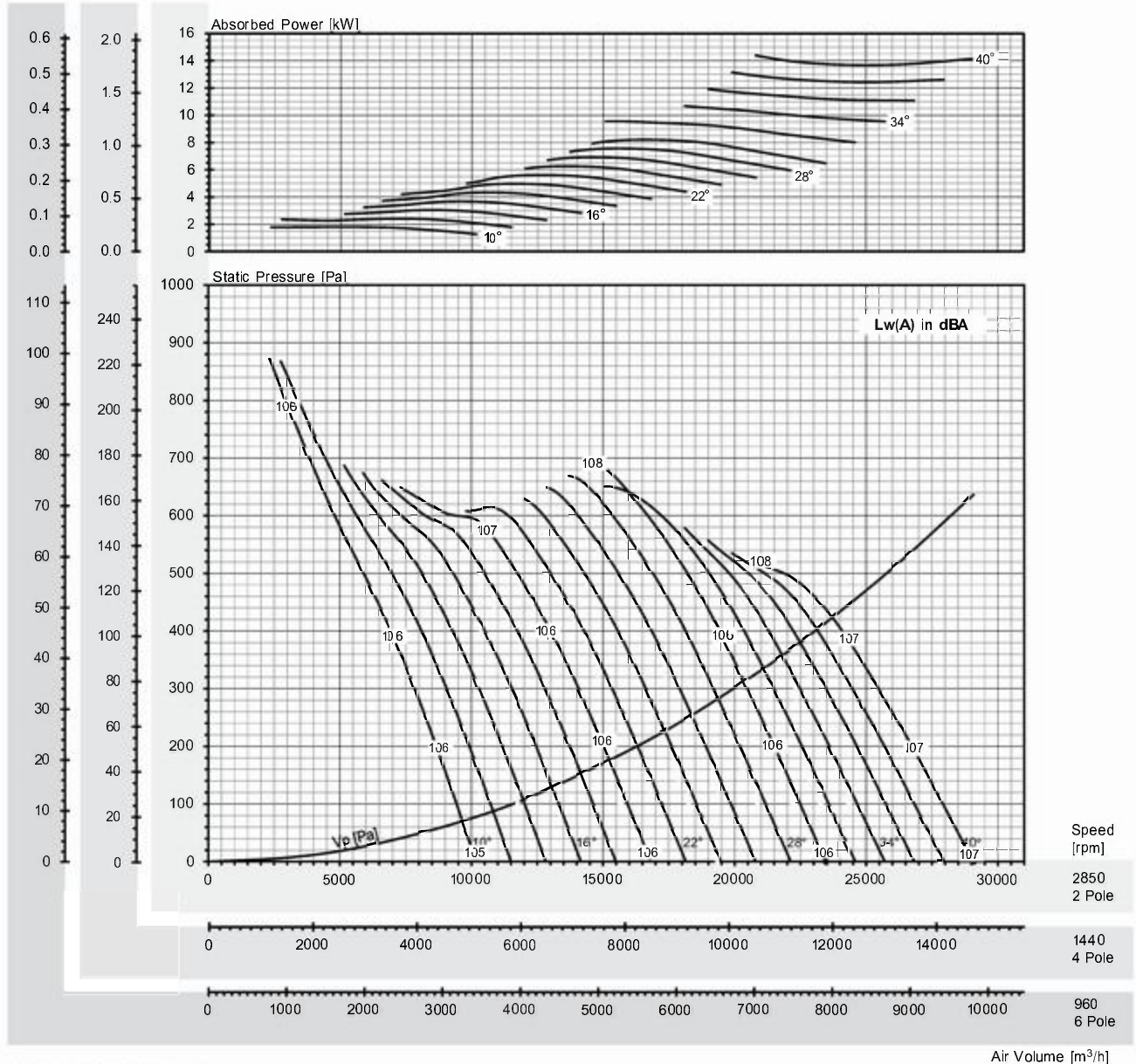


Adjustable Pitch Angle Axial Fan

Impeller Code : 560/200
Size : 560mm

FEG 53

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m	
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°			
960 motor	0.069	0.092	0.116	0.141	0.165	0.190	0.21	0.24	0.26	0.29	0.31	0.36	0.41	0.46	0.50	0.55	0.55	-29	-49
			0.18						0.37					0.55		0.75			
1440 motor	0.23	0.31	0.39	0.47	0.56	0.64	0.72	0.81	0.89	0.97	1.06	1.23	1.38	1.54	1.70	1.86	1.86	-18	-38
		0.37	0.55		0.75			1.1				1.5		2.2					
2850 motor	1.81	2.41	3.04	3.68	4.33	4.97	5.62	6.27	6.91	7.56	8.20	9.55	10.68	11.91	13.15	14.39	14.39	0	-20
		2.2	3	4	5.5		5.62	7.5				11			15				

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



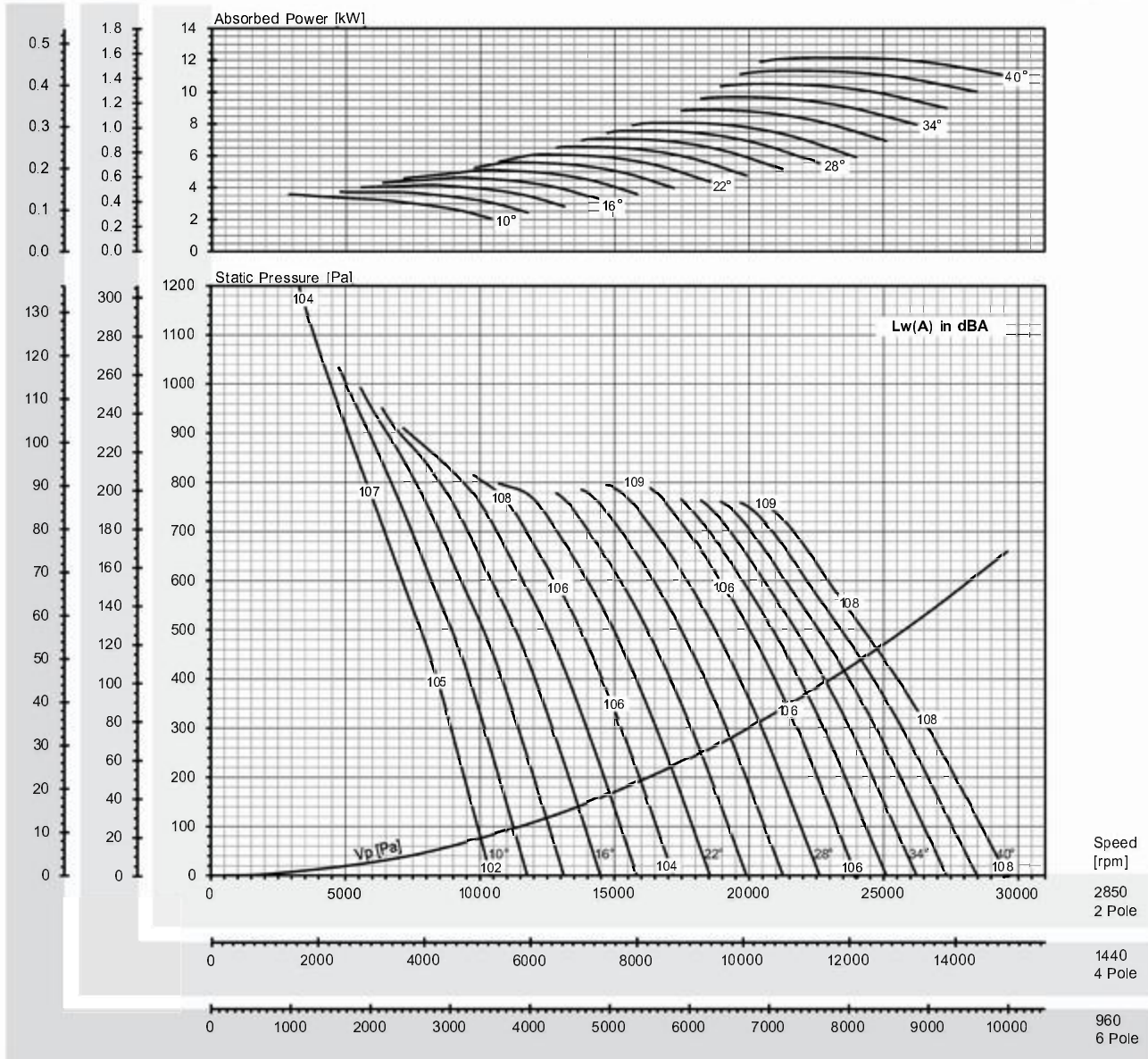
Adjustable Pitch Angle Axial Fan

SERIES CVS- 560 / 9

Impeller Code : 560/200
Size : 560mm

FEG 63

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.137	0.143	0.160	0.177	0.195	0.213	0.23	0.25	0.27	0.29	0.31	0.34	0.37	0.40	0.43	0.46	-27	-47
1440 motor	0.46	0.48	0.54	0.60	0.66	0.72	0.78	0.85	0.91	0.98	1.04	1.14	1.24	1.35	1.46	1.57	-17	-37
2850 motor	3.58	3.74	4.18	4.64	5.11	5.58	6.07	6.57	7.07	7.57	8.07	8.84	9.63	10.47	11.31	12.15	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



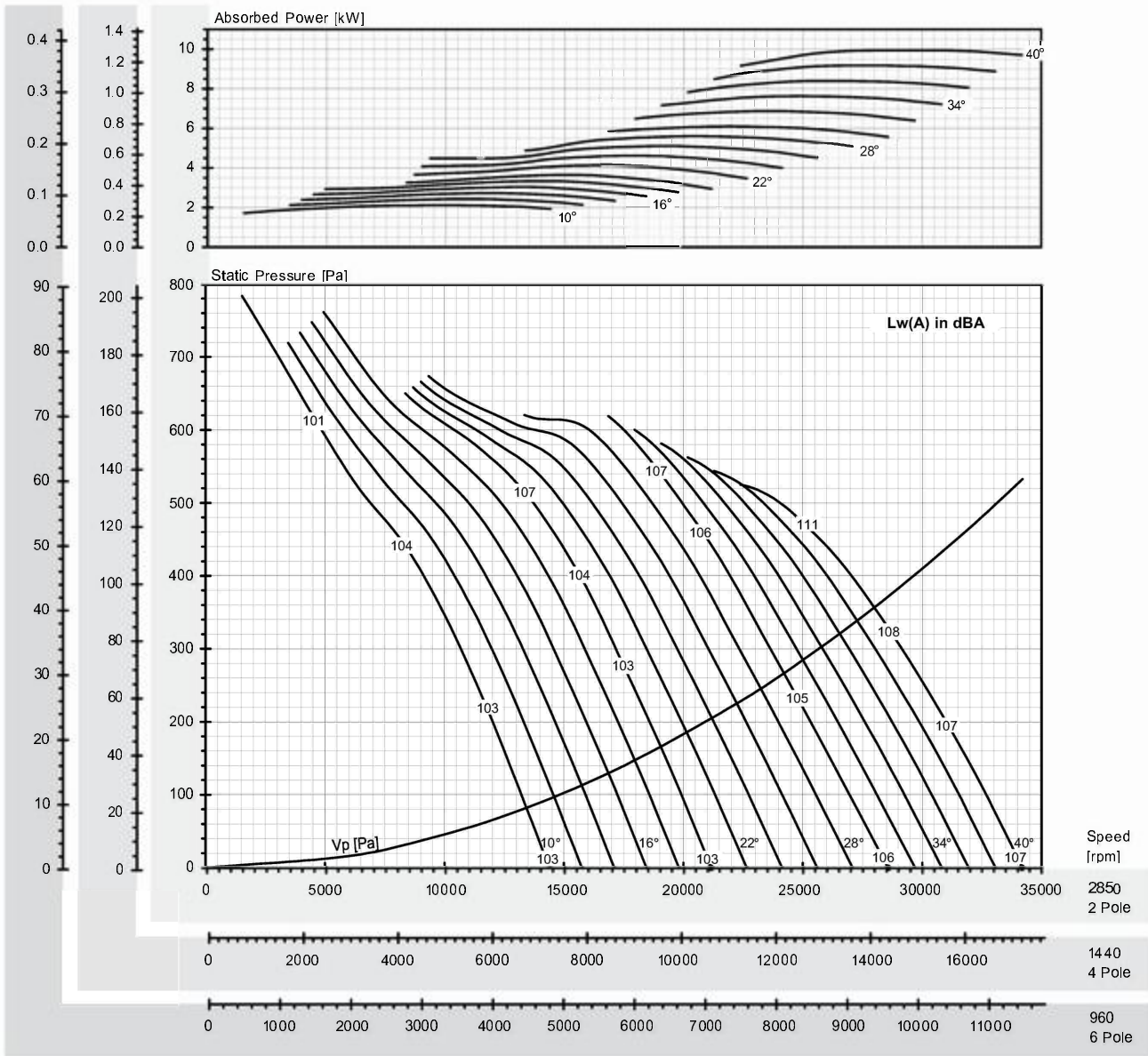
Adjustable Pitch Angle Axial Fan

SERIES CVS- 630 / 5

Impeller Code : 630/150
Size : 630mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m	
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°			
960 motor	0.08	0.09	0.10	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.55	-27	-47
1440 motor	0.27	0.31	0.35	0.39	0.43	0.47	0.53	0.60	0.66	0.72	0.78	0.88	0.98	1.08	1.18	1.28	1.5	-17	-37
2850 motor	2.12	2.43	2.73	3.04	3.34	3.64	4.13	4.62	5.10	5.59	6.08	6.85	7.62	8.40	9.17	9.95	11	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



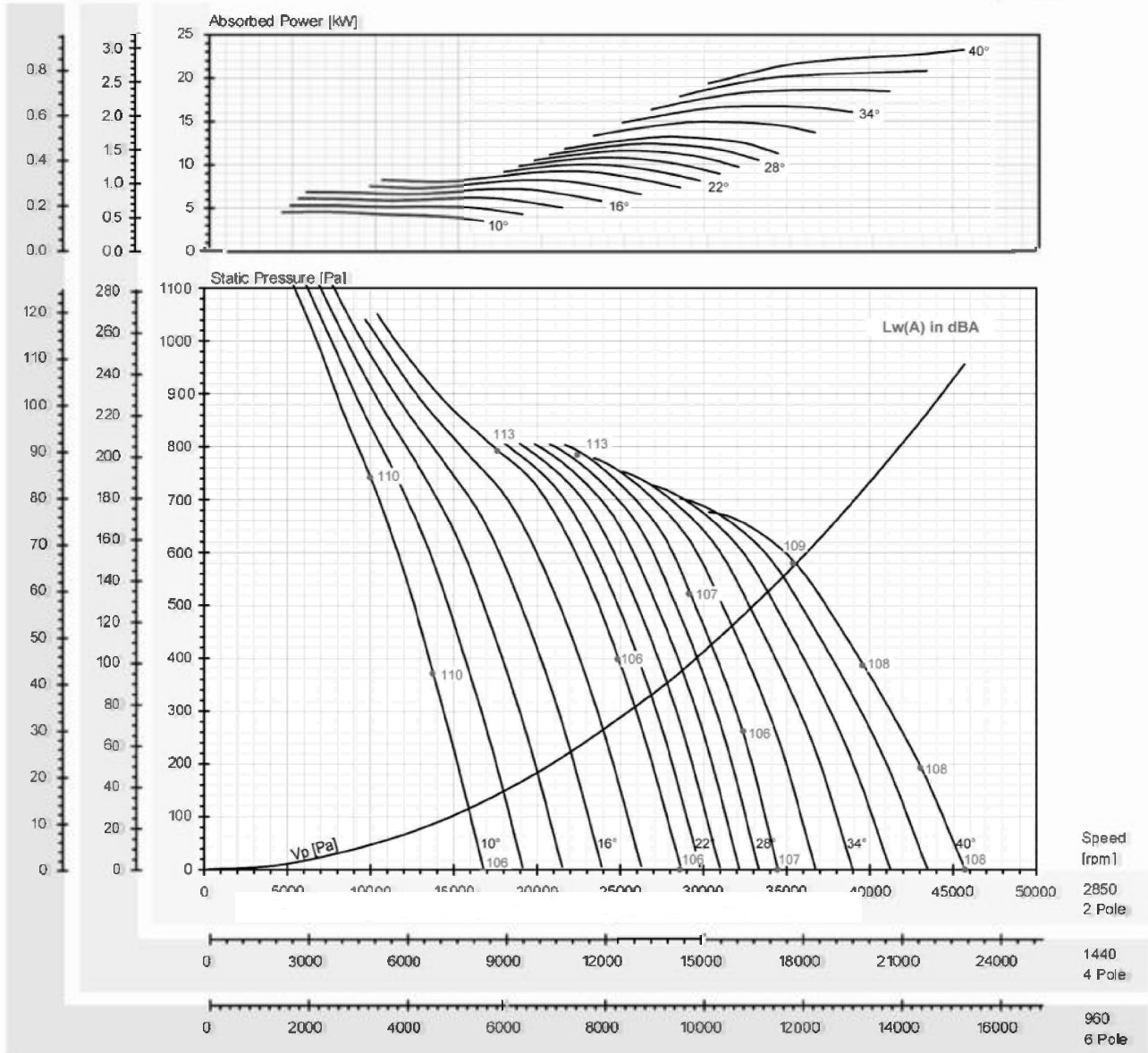
SERIES CVS- 630 / 10

Adjustable Pitch Angle Axial Fan

Impeller Code : 630/150
Size : 630mm

FEG 60

50Hz



Peak Absorbed Power (kW)

Air Volume (m³/h)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.17	0.20	0.24	0.27	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.57	0.64	0.71	0.79	0.88	-26	-46
1440 motor	0.59	0.68	0.80	0.92	1.05	1.18	1.28	1.38	1.48	1.59	1.69	1.92	2.15	2.39	2.68	2.99	-16	-36
2850 motor	4.56	5.30	6.17	7.15	8.13	9.14	9.92	10.70	11.50	12.29	13.08	14.86	16.68	18.56	20.77	23.14	0	-20

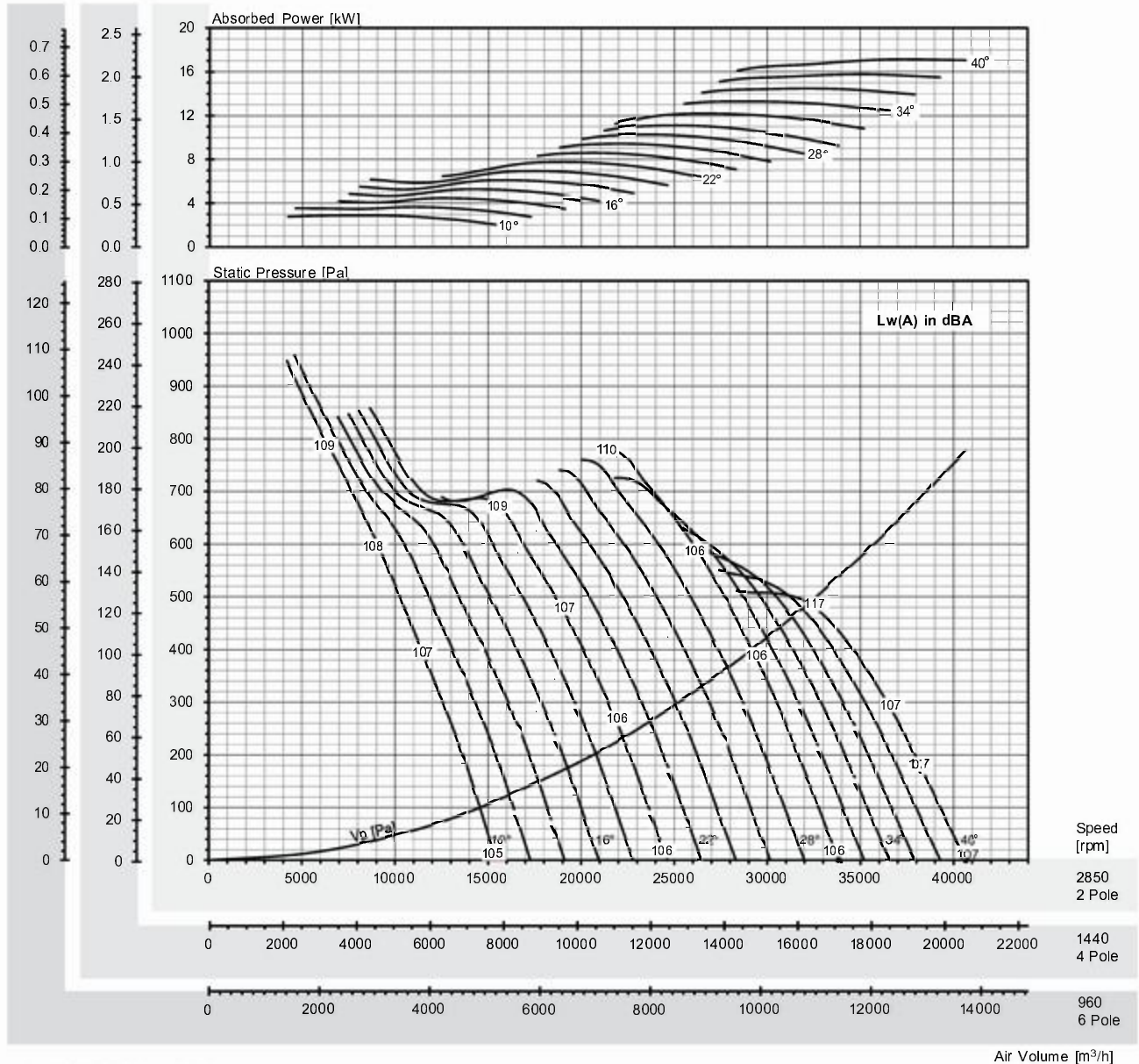
- Performance certified is for installation type D-Ducted inlet. Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



Adjustable Pitch Angle Axial Fan

FEG 63

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.110	0.140	0.170	0.202	0.233	0.265	0.30	0.33	0.36	0.39	0.42	0.46	0.51	0.55	0.60	0.65	-27	-47
1440 motor	0.37	0.47	0.57	0.68	0.79	0.89	1.00	1.11	1.21	1.32	1.43	1.57	1.71	1.86	2.03	2.21	-17	-37
2850 motor	2.88	3.65	4.45	5.28	6.10	6.93	7.75	8.58	9.40	10.23	11.06	12.15	13.29	14.43	15.77	17.12	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



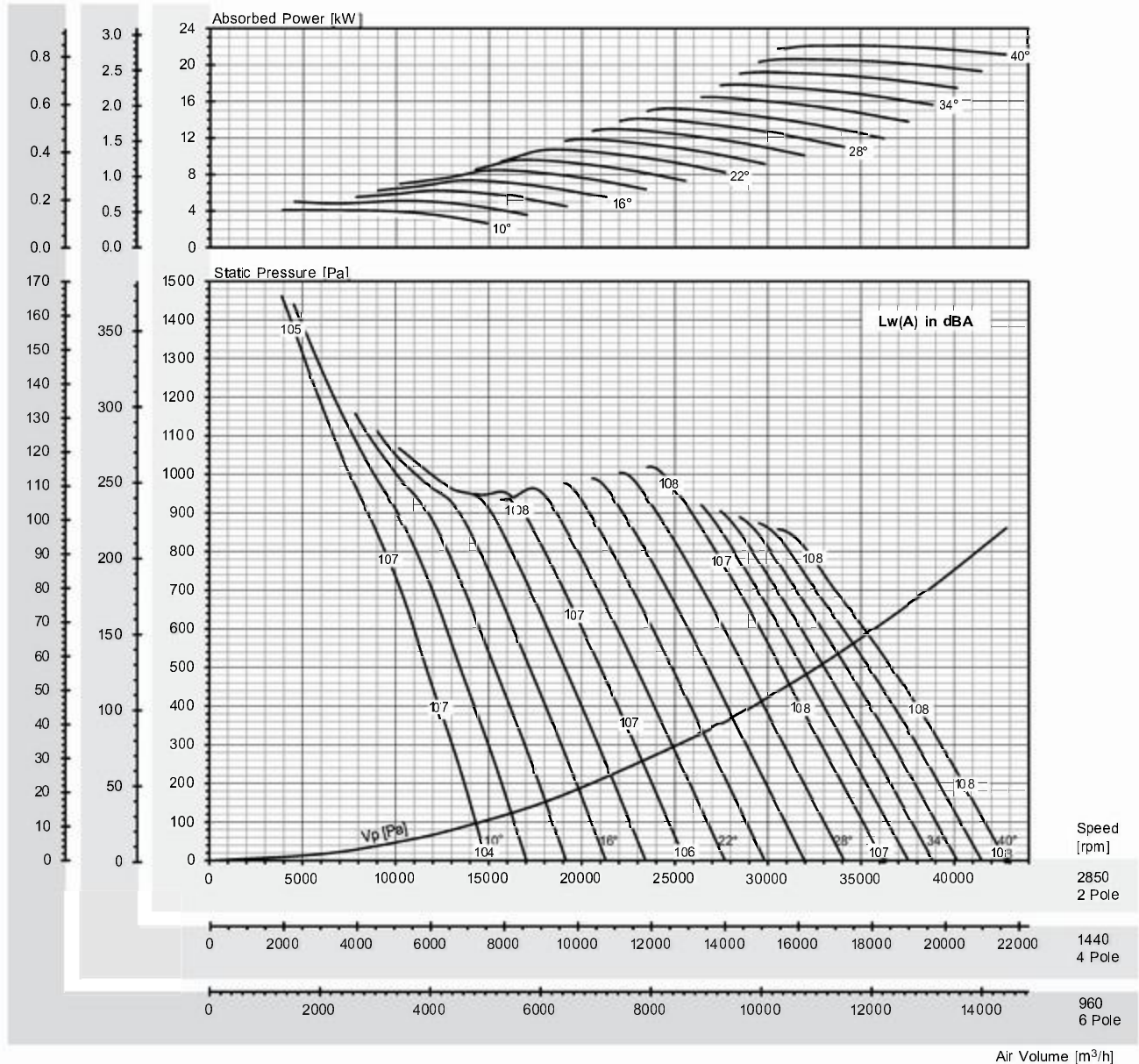
Adjustable Pitch Angle Axial Fan

SERIES CVS- 630 / 9

Impeller Code : 630/200
Size : 630mm

FEG 63

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.157	0.196	0.238	0.279	0.32	0.36	0.41	0.45	0.49	0.54	0.58	0.63	0.68	0.73	0.79	0.84	-27	-47
1440 motor	0.53	0.66	0.80	0.94	1.08	1.23	1.38	1.52	1.67	1.81	1.96	2.12	2.29	2.46	2.65	2.85	-17	-37
2850 motor	4.11	5.13	6.22	7.31	8.41	9.54	10.66	11.79	12.92	14.05	15.18	16.46	17.75	19.06	20.58	22.10	0	-20
	0.18		0.37					0.55				0.75			1.1			
	0.55	0.75		1.1		1.5		2.2				3						
	5.5		7.5		11		15		18.5		22		30					

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



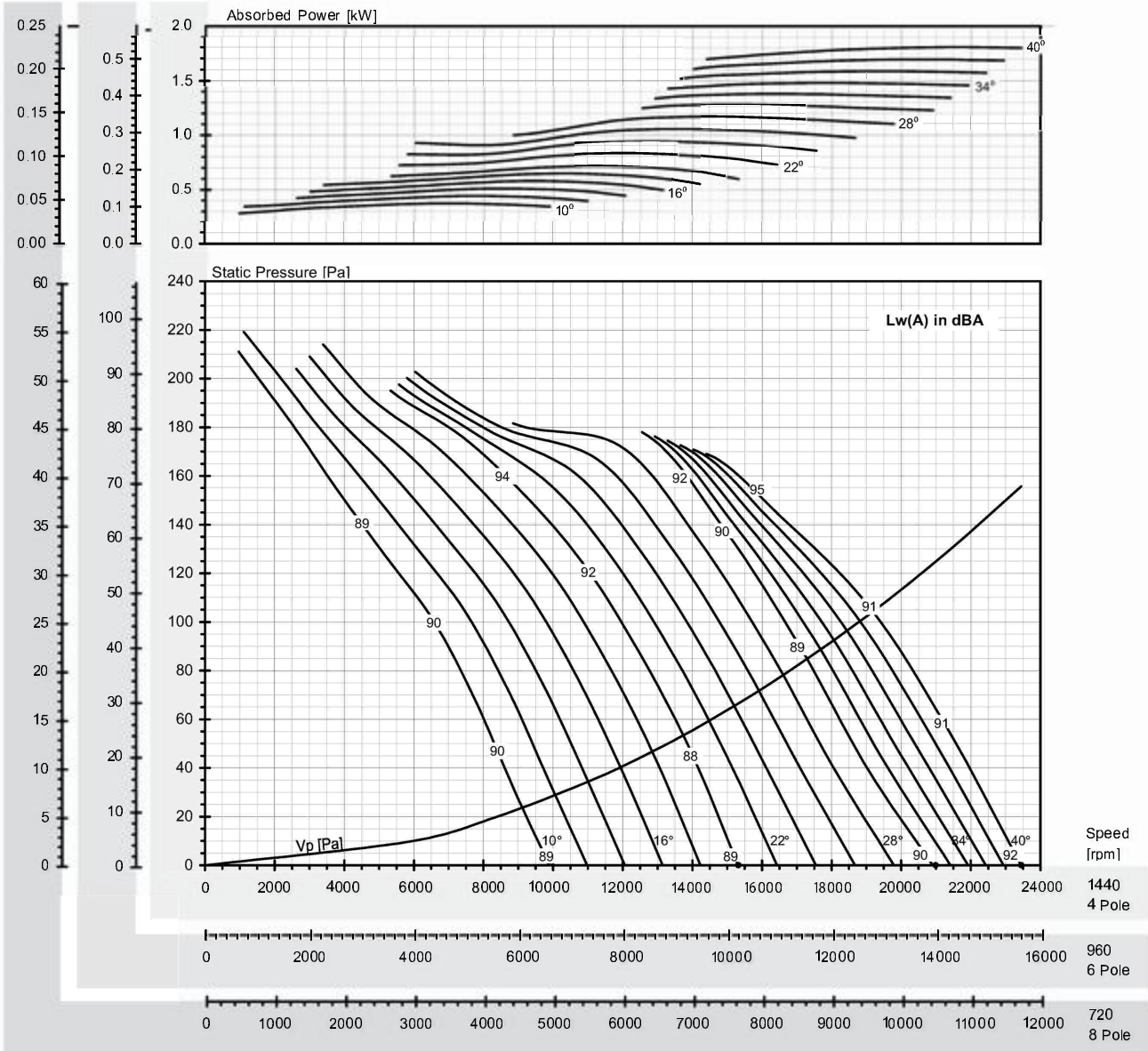
Adjustable Pitch Angle Axial Fan

SERIES CVS- 710 / 5

Impeller Code : 710/150
Size : 710mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	-17	-37
960 motor	0.11	0.13	0.15	0.17	0.19	0.21	0.25	0.28	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.54	-10	-30
1440 motor	0.37	0.44	0.51	0.58	0.65	0.72	0.83	0.94	1.06	1.17	1.28	1.38	1.48	1.58	1.70	1.81	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



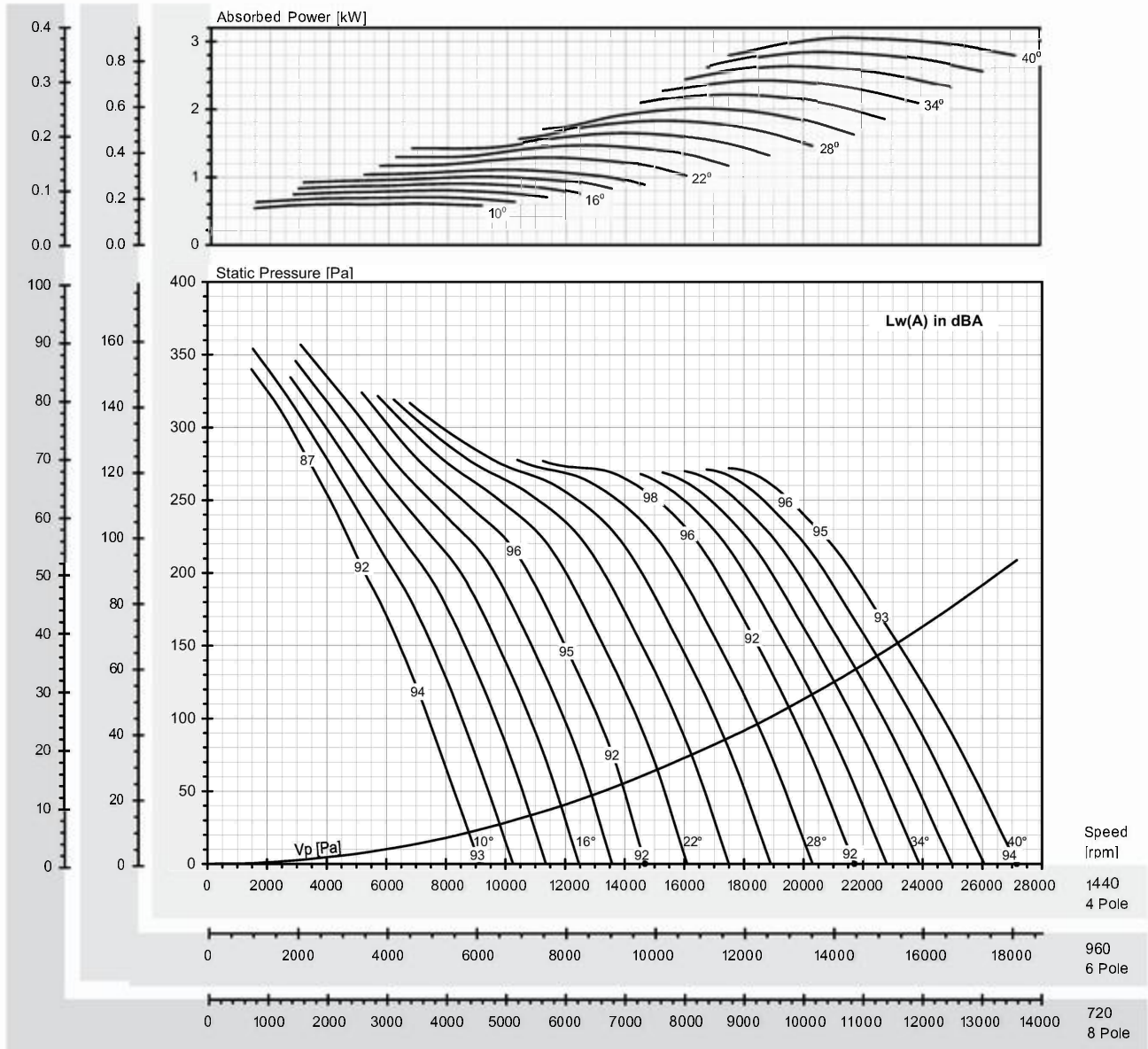
SERIES CVS- 710 / 10

Adjustable Pitch Angle Axial Fan

Impeller Code : 710/150
Size : 710mm

FEG 71

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m	
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°			
960 motor	0.08	0.09	0.10	0.11	0.13	0.14	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.38	0.55	-17	-37
960 motor	0.18	0.21	0.24	0.27	0.30	0.33	0.38	0.44	0.49	0.54	0.60	0.66	0.72	0.78	0.84	0.90	1.1	-10	-30
960 motor	0.61	0.70	0.80	0.91	1.01	1.11	1.29	1.47	1.65	1.83	2.01	2.22	2.42	2.62	2.83	3.04	4	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



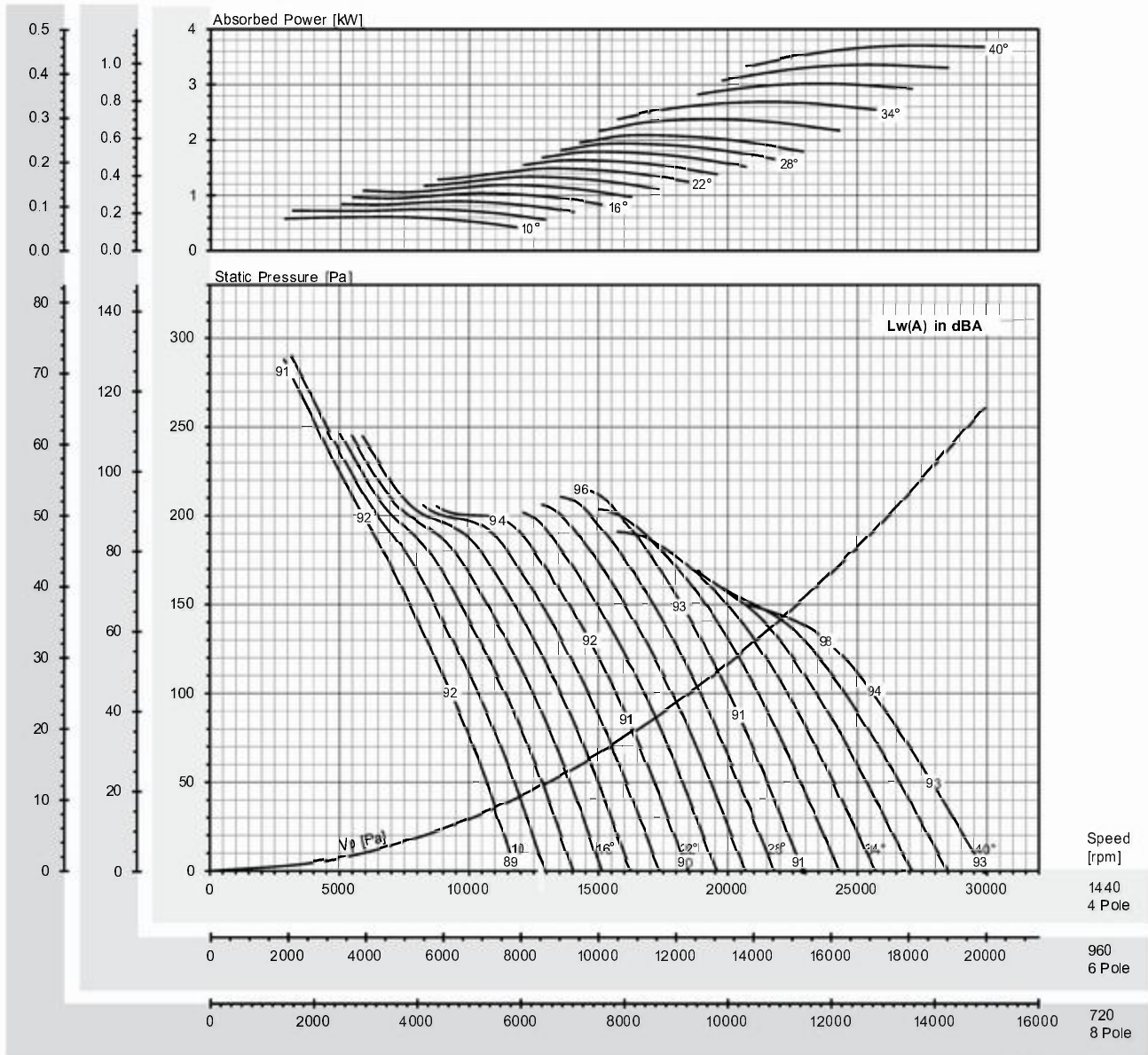
Adjustable Pitch Angle Axial Fan

SERIES CVS- 710 / 6

Impeller Code : 710/200
Size : 710mm

FEG 63

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.076	0.093	0.112	0.130	0.149	0.167	0.186	0.204	0.223	0.241	0.260	0.296	0.335	0.377	0.420	0.463	-17	-37
960 motor	0.181	0.220	0.264	0.308	0.352	0.396	0.440	0.484	0.528	0.572	0.616	0.703	0.793	0.892	0.994	1.096	-10	-30
1440 motor	0.61	0.74	0.89	1.04	1.19	1.34	1.49	1.63	1.78	1.93	2.08	2.37	2.68	3.01	3.36	3.70	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



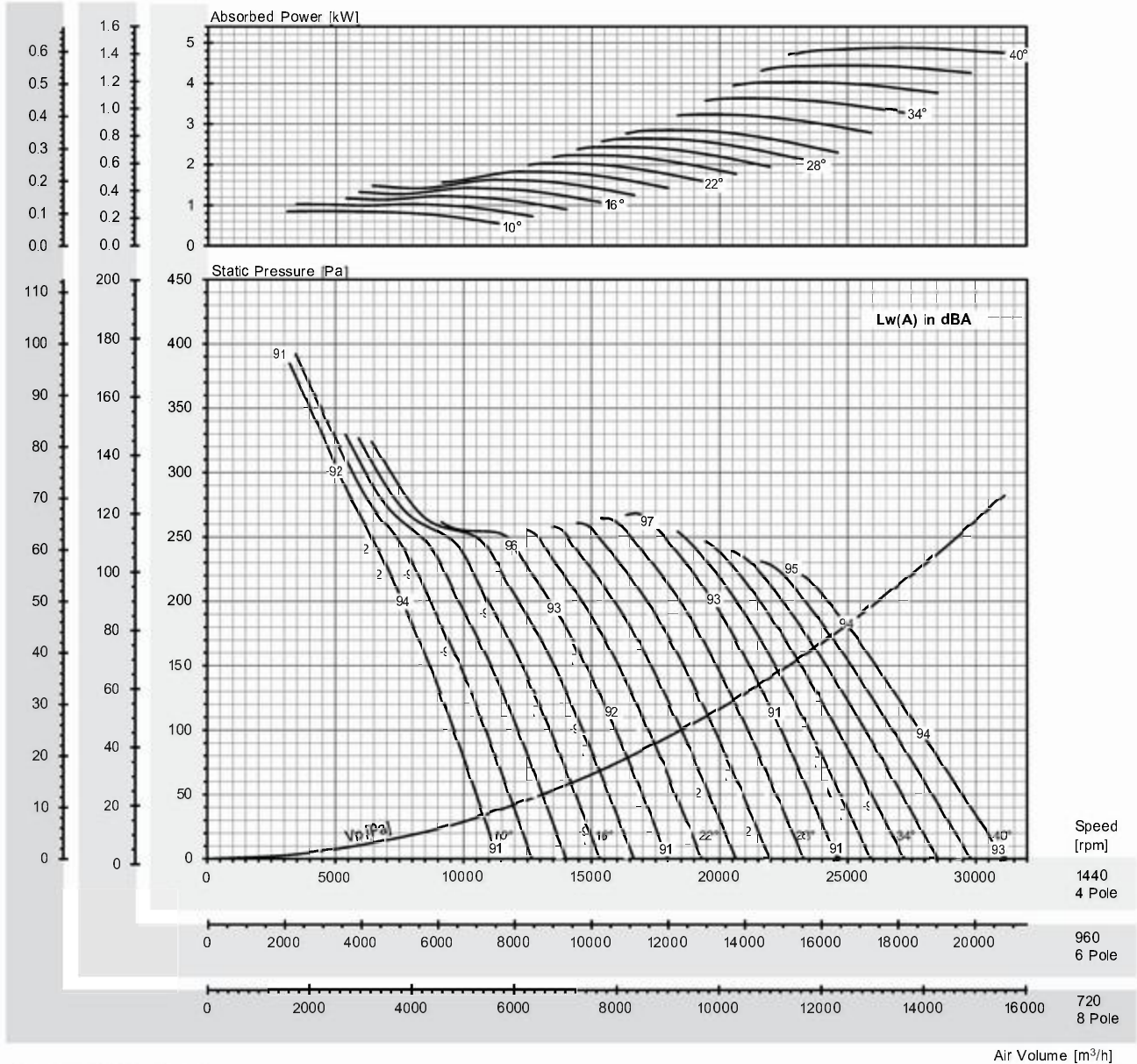
Adjustable Pitch Angle Axial Fan

SERIES CVS- 710 / 9

Impeller Code : 710/200
Size : 710mm

FEG 63

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.107	0.129	0.151	0.177	0.202	0.228	0.253	0.279	0.304	0.330	0.355	0.403	0.453	0.504	0.555	0.609	-17	-37
960 motor	0.254	0.305	0.359	0.419	0.479	0.540	0.601	0.661	0.721	0.782	0.842	0.955	1.075	1.194	1.314	1.443	-10	-30
1440 motor	0.86	1.03	1.21	1.41	1.62	1.82	2.03	2.23	2.44	2.64	2.84	3.22	3.63	4.03	4.44	4.87	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



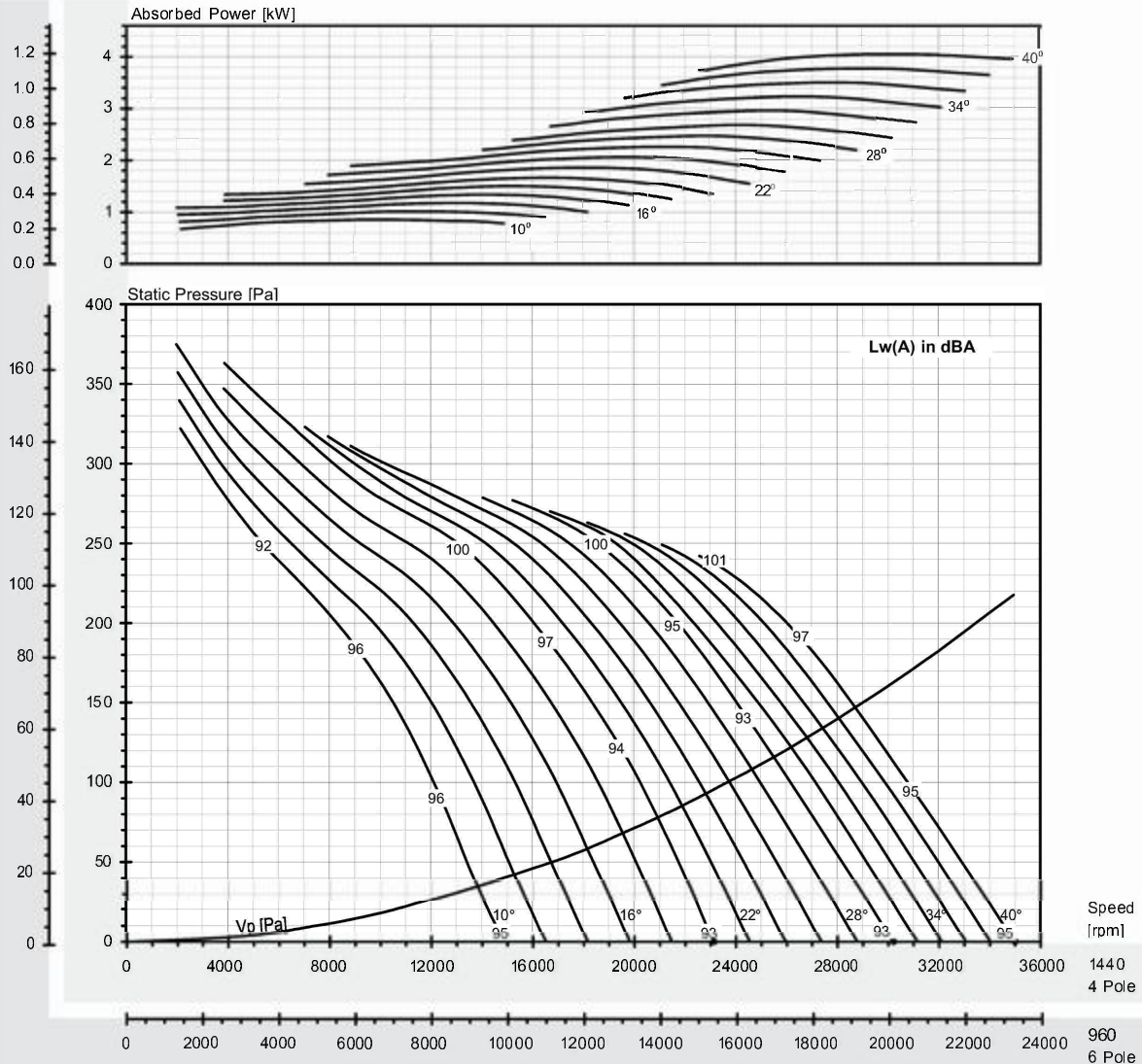
Adjustable Pitch Angle Axial Fan

SERIES CVS- 800 /7

Impeller Code : 800/250
Size : 800mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume (m³/h)

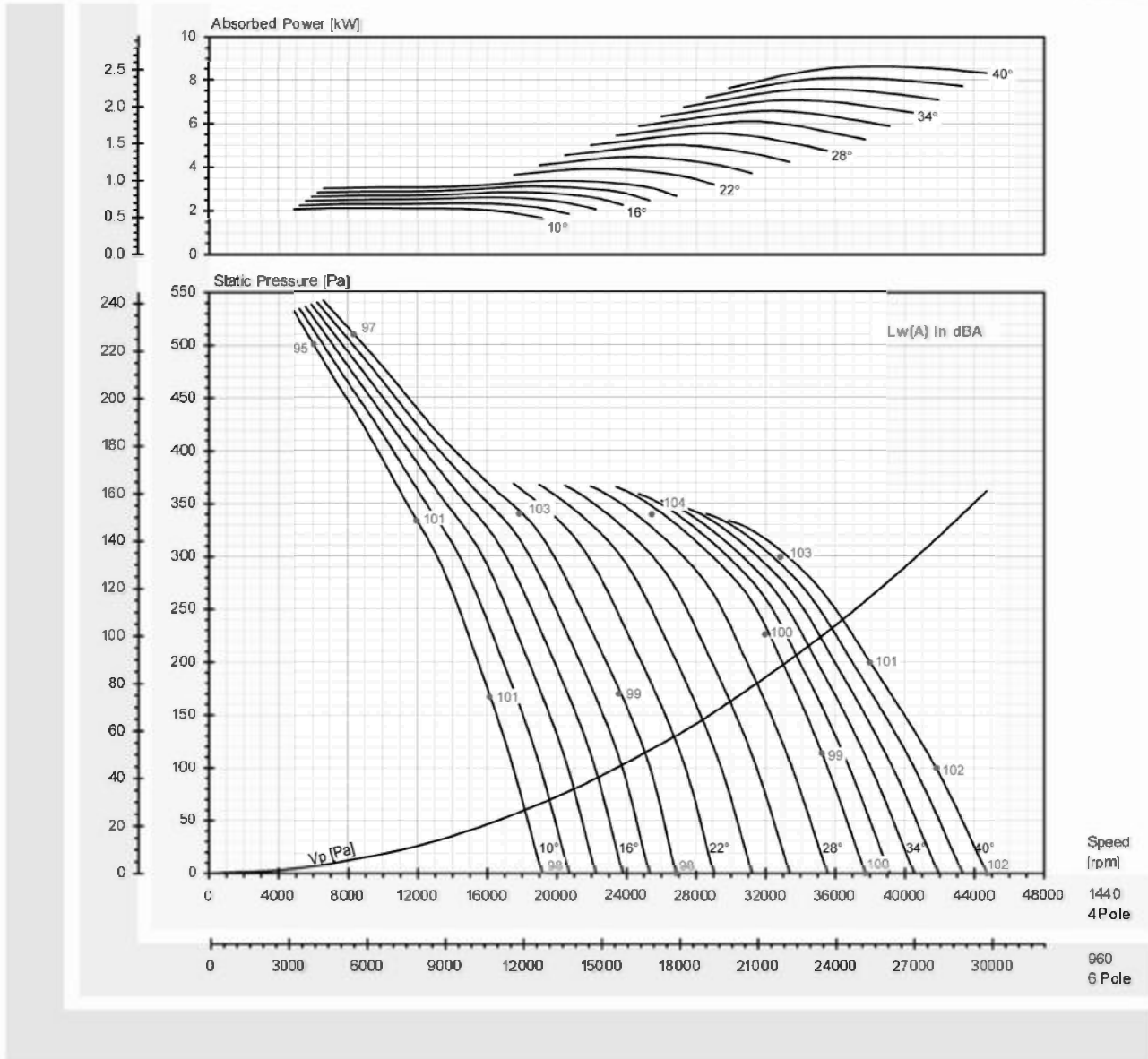
N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.25	0.30	0.35	0.40	0.45	0.49	0.55	0.61	0.67	0.73	0.80	0.88	0.96	1.04	1.12	1.20	-10	-30
1440 motor	0.85	1.01	1.18	1.34	1.50	1.67	1.86	2.06	2.26	2.47	2.69	2.96	3.23	3.51	3.78	4.05	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



FEG 63

50Hz



Peak Absorbed Power (kW) Air Volume (m³/h)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
960 motor	0.63	0.70	0.77	0.85	0.92	1.00	1.16	1.32	1.48	1.64	1.80	1.94	2.08	2.24	2.39	2.55	-10	-30
1440 motor	2.13	2.36	2.61	2.87	3.12	3.37	3.91	4.45	4.99	5.53	6.07	6.54	7.02	7.55	8.08	8.60	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A)- dBA levels are not licensed by AMCA international



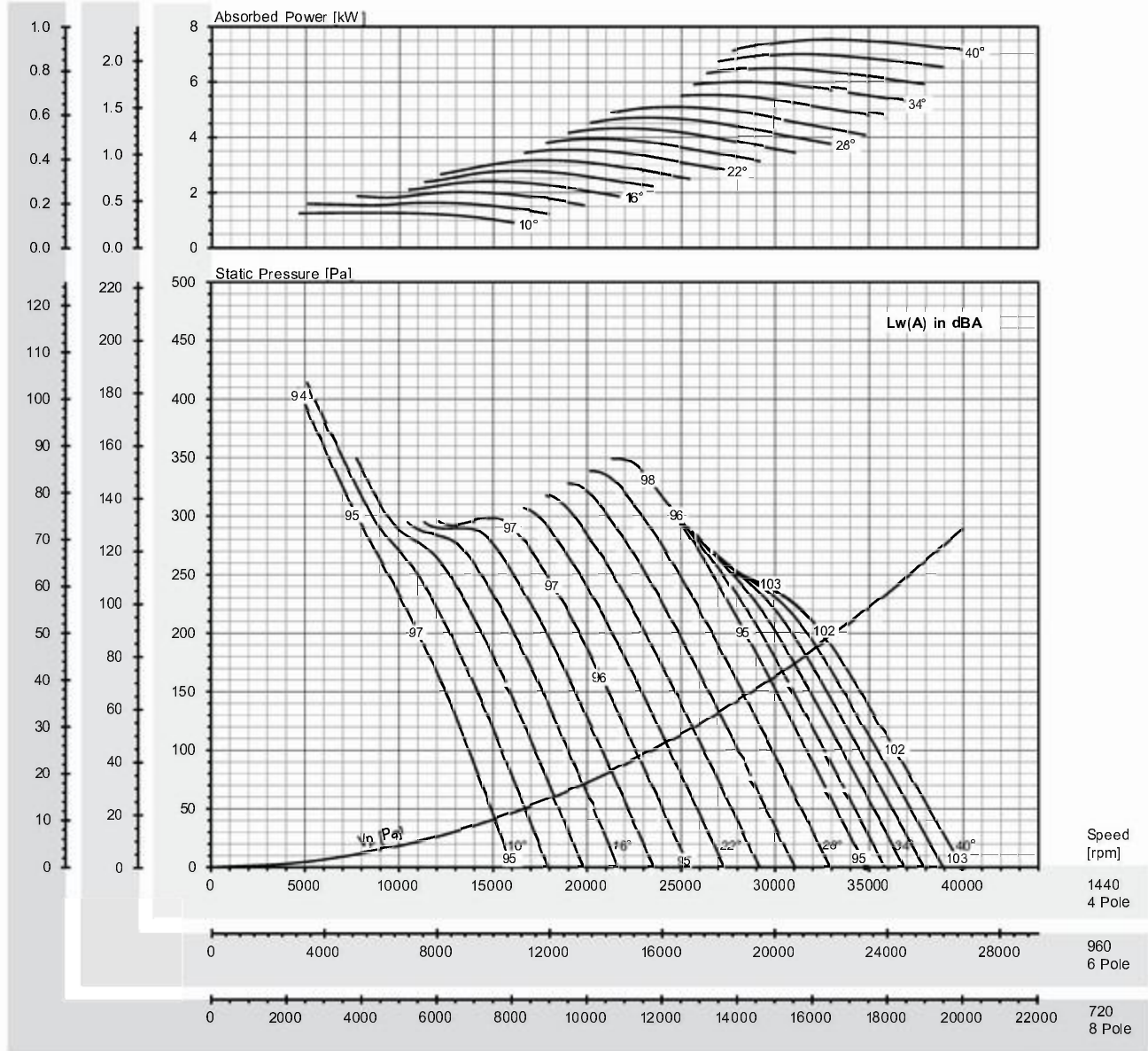
Adjustable Pitch Angle Axial Fan

SERIES CVS- 800 / 5

Impeller Code : 800/300
Size : 800mm

FEG 60

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.16	0.20	0.25	0.30	0.35	0.40	0.44	0.49	0.54	0.59	0.64	0.69	0.75	0.81	0.88	0.94	-17	-37
960 motor	0.38	0.48	0.60	0.71	0.83	0.94	1.05	1.17	1.28	1.40	1.51	1.63	1.77	1.92	2.08	2.23	-11	-31
1440 motor	1.27	1.63	2.01	2.40	2.79	3.17	3.56	3.94	4.33	4.71	5.10	5.50	5.98	6.50	7.01	7.52	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



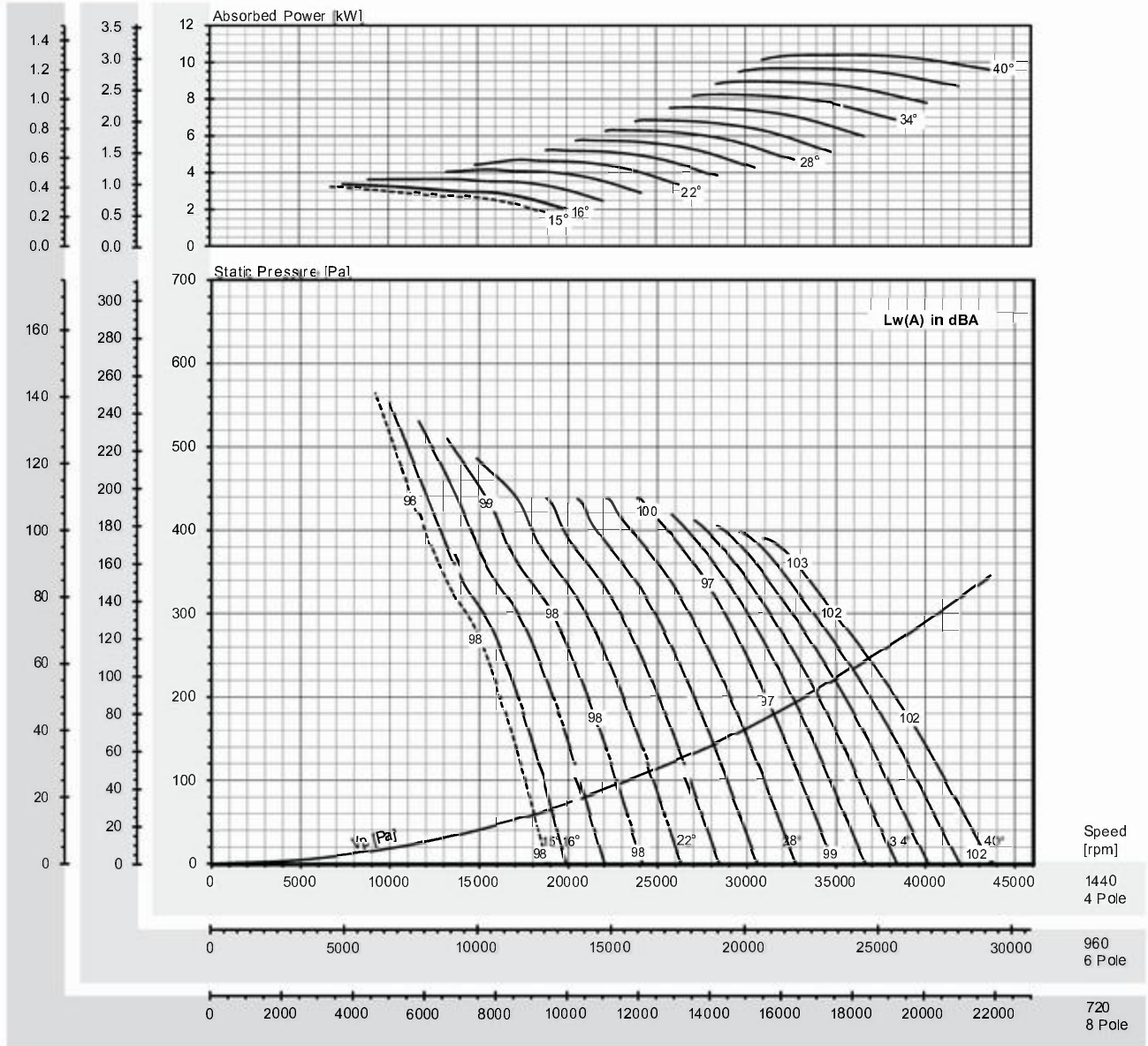
SERIES CVS- 800 / 10

Impeller Code : 800/300
Size : 800mm

Adjustable Pitch Angle Axial Fan

FEG 56

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	-	-	-	0.42	0.46	0.52	0.59	0.65	0.72	0.79	0.86	0.94	1.02	1.12	1.21	1.30	-17	-37
960 motor	-	-	-	1.00	1.08	1.23	1.39	1.55	1.70	1.87	2.03	2.23	2.43	2.64	2.86	3.08	-11	-31
1440 motor	-	-	-	3.37	3.65	4.17	4.69	5.22	5.75	6.30	6.86	7.51	8.20	8.93	9.66	10.39	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



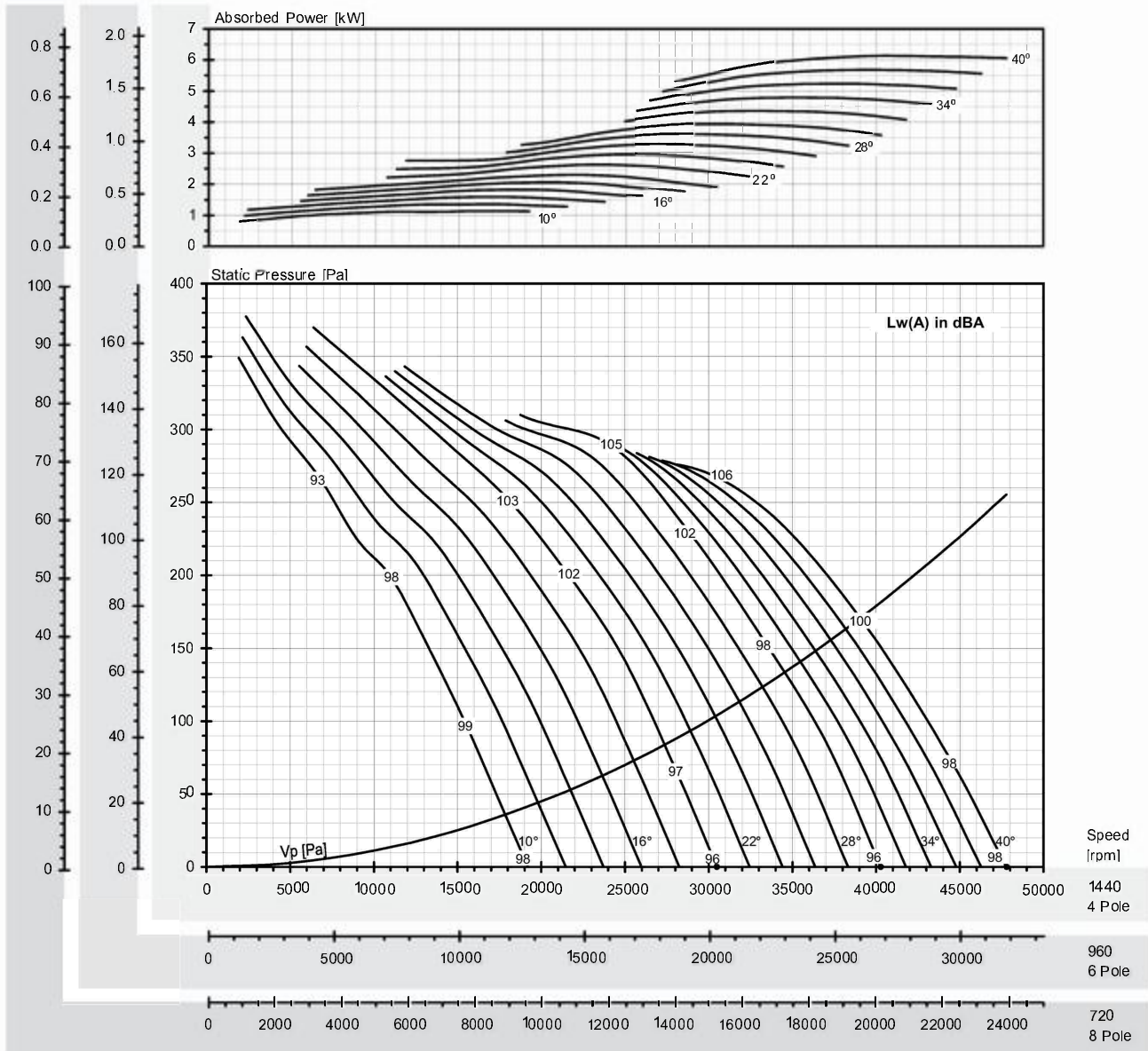
Adjustable Pitch Angle Axial Fan

SERIES CVS- 900 / 7

Impeller Code : 900/250
Size : 900mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume m^3/h

N (rpm)	Blade Pitch Angle															Lw(A) in dBA	Lp(A) at 3m	
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°			40°
720 motor	0.14	0.17	0.20	0.23	0.26	0.29	0.33	0.37	0.41	0.45	0.49	0.54	0.60	0.65	0.71	0.77	-16	-36
960 motor	0.34	0.40	0.47	0.54	0.61	0.68	0.78	0.88	0.97	1.07	1.17	1.29	1.42	1.55	1.68	1.81	-9	-29
1440 motor	1.13	1.36	1.59	1.83	2.06	2.30	2.63	2.95	3.28	3.61	3.93	4.35	4.79	5.24	5.68	6.12	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



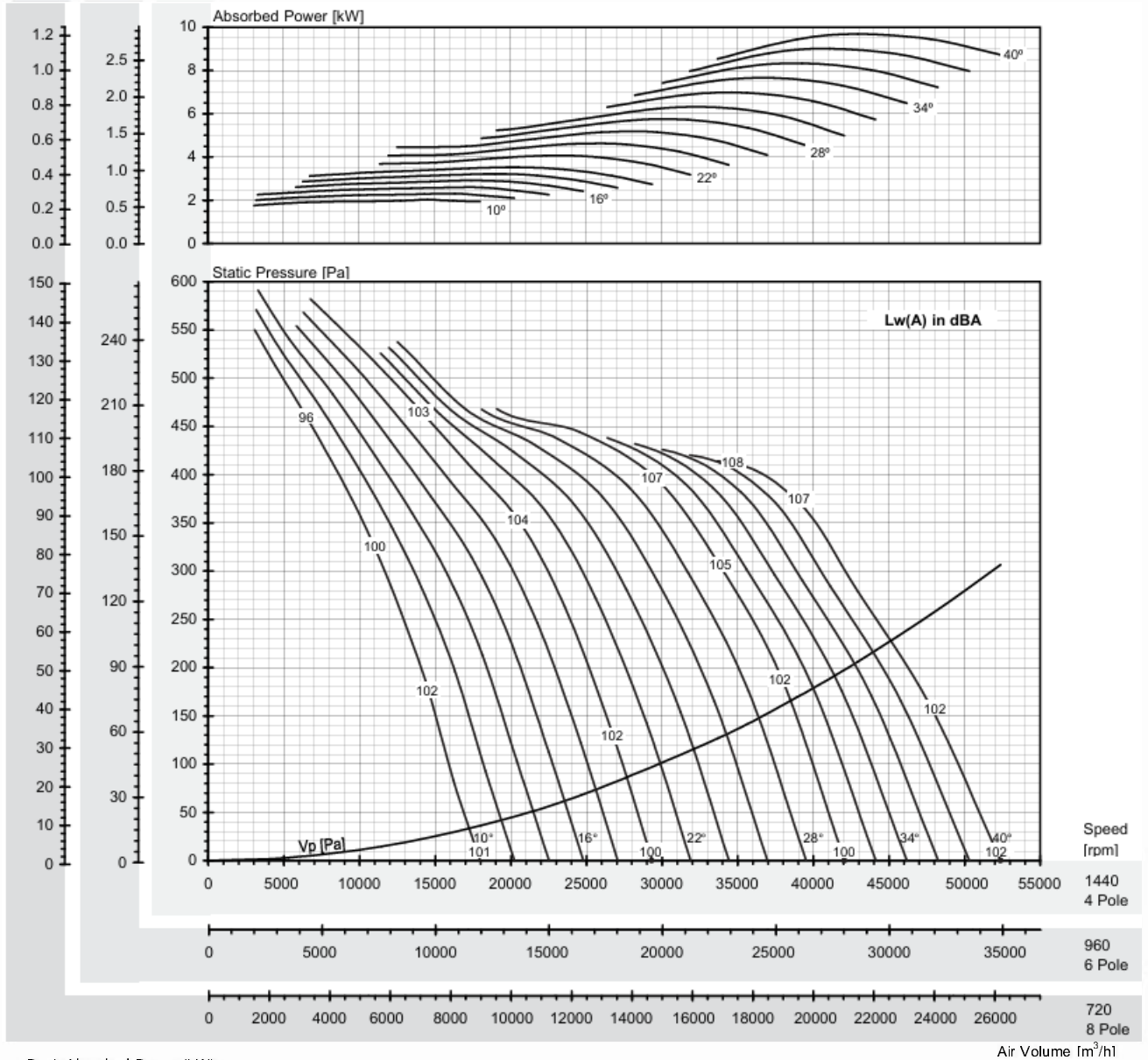
Adjustable Pitch Angle Axial Fan

SERIES CVS- 900 /14

Impeller Code : 900/250
Size : 900mm

FEG 67

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.25	0.29	0.32	0.36	0.40	0.44	0.51	0.58	0.64	0.72	0.79	0.87	0.96	1.04	1.13	1.21	-16	-36
960 motor	0.60	0.68	0.77	0.86	0.95	1.04	1.20	1.36	1.53	1.69	1.86	2.07	2.27	2.47	2.67	2.87	-10	-30
1440 motor	2.02	2.31	2.60	2.91	3.22	3.53	4.07	4.61	5.15	5.72	6.29	6.97	7.65	8.32	9.00	9.68	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



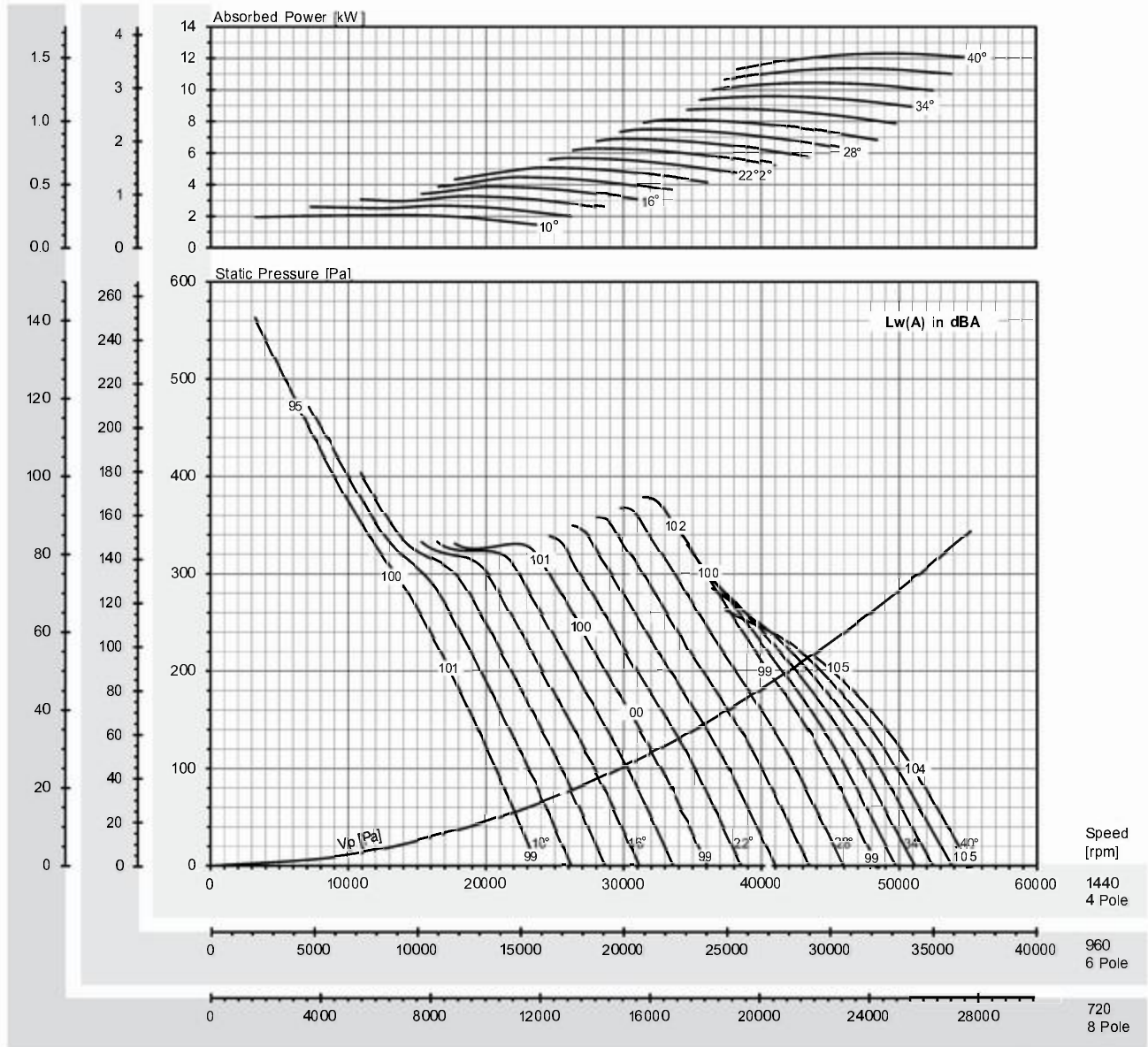
SERIES CVS- 900 /5

Impeller Code : 900/300
Size : 900mm

Adjustable Pitch Angle Axial Fan

FEG 60

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.26	0.33	0.41	0.48	0.56	0.63	0.71	0.79	0.86	0.94	1.01	1.10	1.20	1.30	1.42	1.54	-17	-37
960 motor	0.61	0.79	0.96	1.14	1.32	1.50	1.68	1.86	2.04	2.22	2.40	2.60	2.84	3.09	3.36	3.65	-10	-30
1440 motor	2.07	2.66	3.24	3.85	4.46	5.07	5.67	6.28	6.89	7.50	8.11	8.77	9.60	10.42	11.34	12.32	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



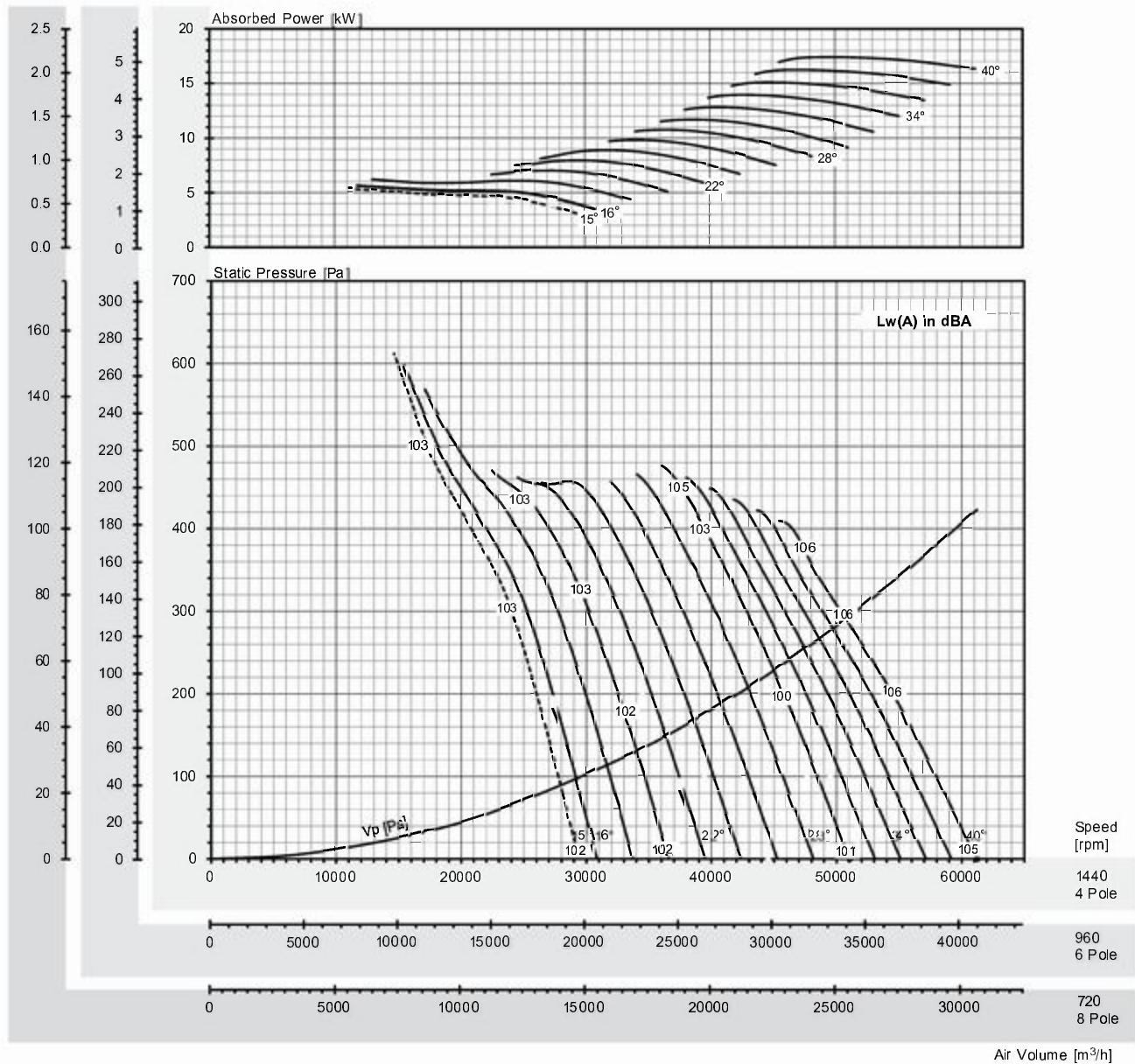
SERIES CVS- 900 / 10

Adjustable Pitch Angle Axial Fan

Impeller Code : 900/300
Size : 900mm

FEG 56

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	-	-	-	0.71	0.78	0.87	0.99	1.10	1.22	1.33	1.45	1.60	1.74	1.88	2.03	2.17	-17	-37
960 motor	-	-	-	1.67	1.84	2.07	2.34	2.61	2.88	3.16	3.44	3.78	4.12	4.47	4.81	5.16	-11	-31
1440 motor	-	-	-	5.64	6.22	7.00	7.90	8.80	9.73	10.66	11.60	12.76	13.92	15.08	16.24	17.40	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



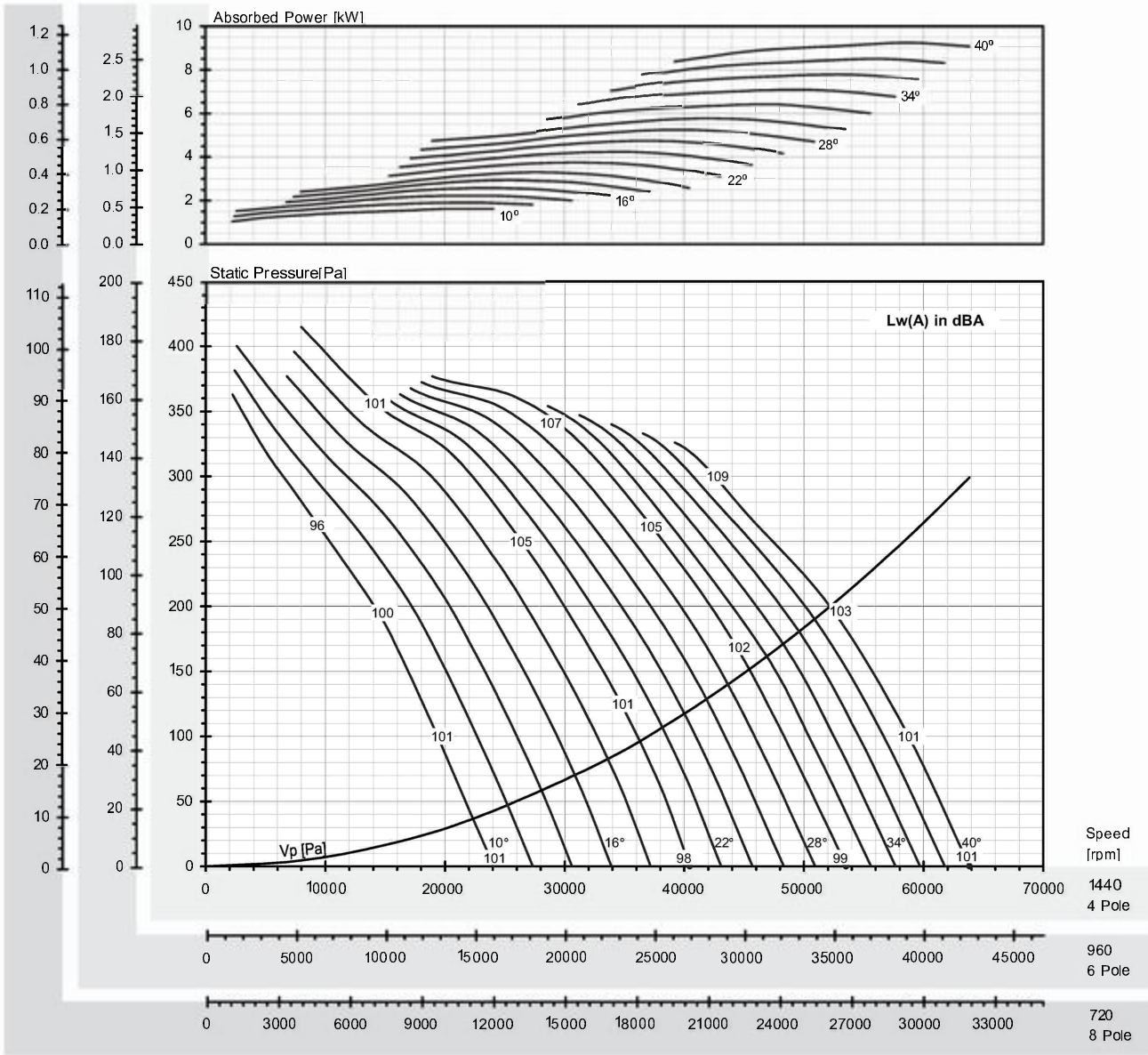
SERIES CVS- 1000 / 7

Adjustable Pitch Angle Axial Fan

Impeller Code : 1000/250
Size : 1000mm

FEG 71

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.20	0.24	0.28	0.32	0.37	0.41	0.47	0.53	0.59	0.65	0.72	0.80	0.88	0.97	1.06	1.15	-17	-37
960 motor	0.48	0.56	0.66	0.76	0.87	0.97	1.11	1.26	1.40	1.55	1.70	1.90	2.10	2.30	2.52	2.74	-10	-30
1440 motor	1.63	1.90	2.23	2.57	2.93	3.29	3.74	4.24	4.74	5.24	5.74	6.41	7.08	7.77	8.50	9.24	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



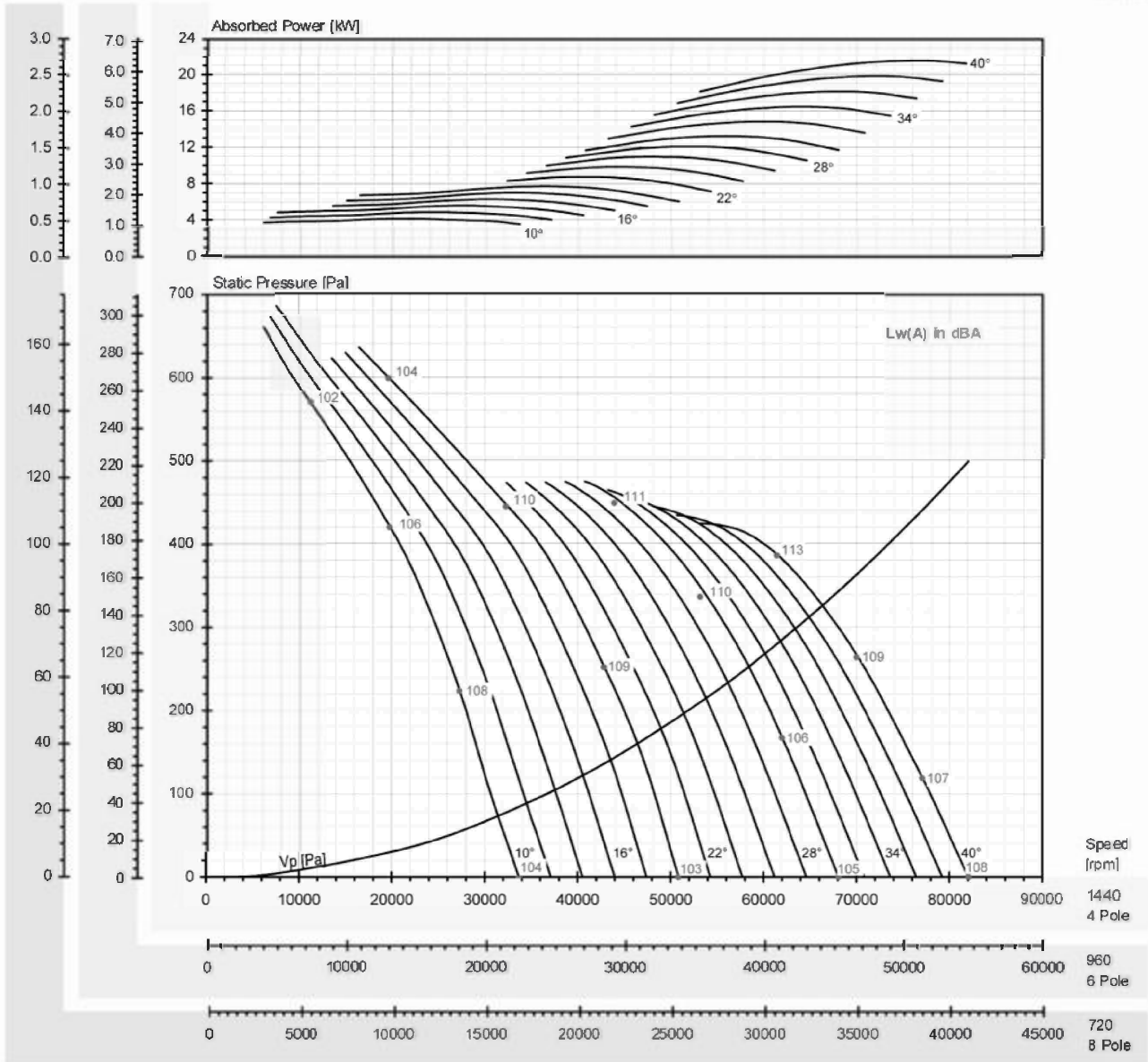
Adjustable Pitch Angle Axial Fan

SERIES CVS- 1000 / 14

Impeller Code : 1000/250
Size : 1000mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume (m³/h)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.52	0.61	0.70	0.78	0.87	0.96	1.09	1.22	1.36	1.51	1.65	1.85	2.05	2.26	2.47	2.69	-17	-37
960 motor	1.22	1.44	1.65	1.86	2.07	2.28	2.59	2.90	3.23	3.57	3.91	4.38	4.85	5.35	5.86	6.38	-10	-30
1440 motor	4.13	4.85	5.56	6.27	6.99	7.70	8.74	9.77	10.9	12.0	13.2	14.8	16.4	18.0	19.8	21.5	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



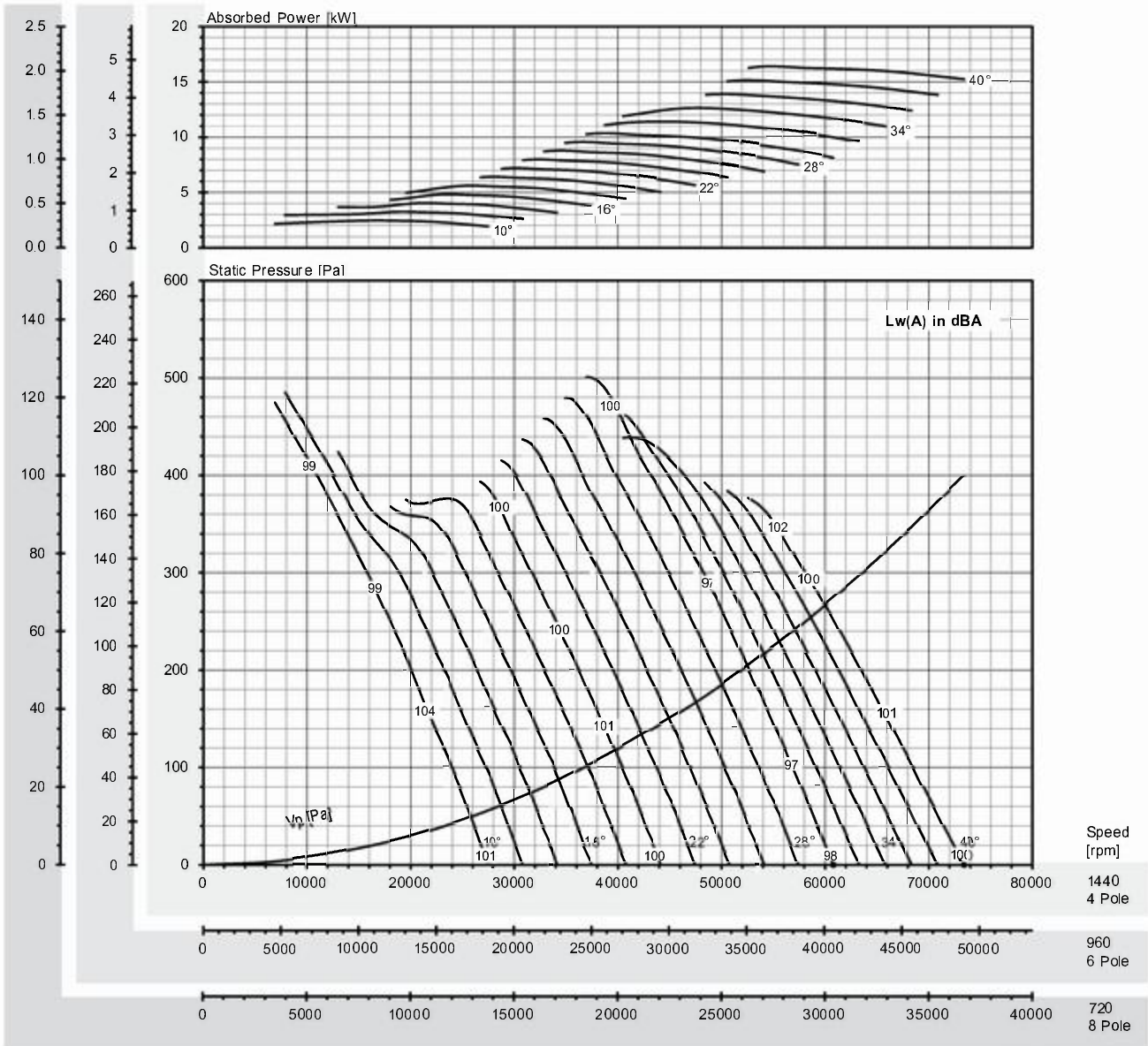
Adjustable Pitch Angle Axial Fan

SERIES CVS- 1000 / 5

Impeller Code : 1000/300
Size : 1000mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.31	0.41	0.50	0.60	0.70	0.80	0.89	0.99	1.09	1.19	1.28	1.43	1.58	1.73	1.88	2.03	-16	-36
960 motor	0.73	0.96	1.19	1.42	1.65	1.89	2.12	2.35	2.58	2.81	3.04	3.38	3.74	4.10	4.46	4.82	-10	-30
1440 motor	2.47	3.25	4.03	4.81	5.59	6.37	7.15	7.93	8.71	9.49	10.27	11.40	12.62	13.83	15.05	16.26	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



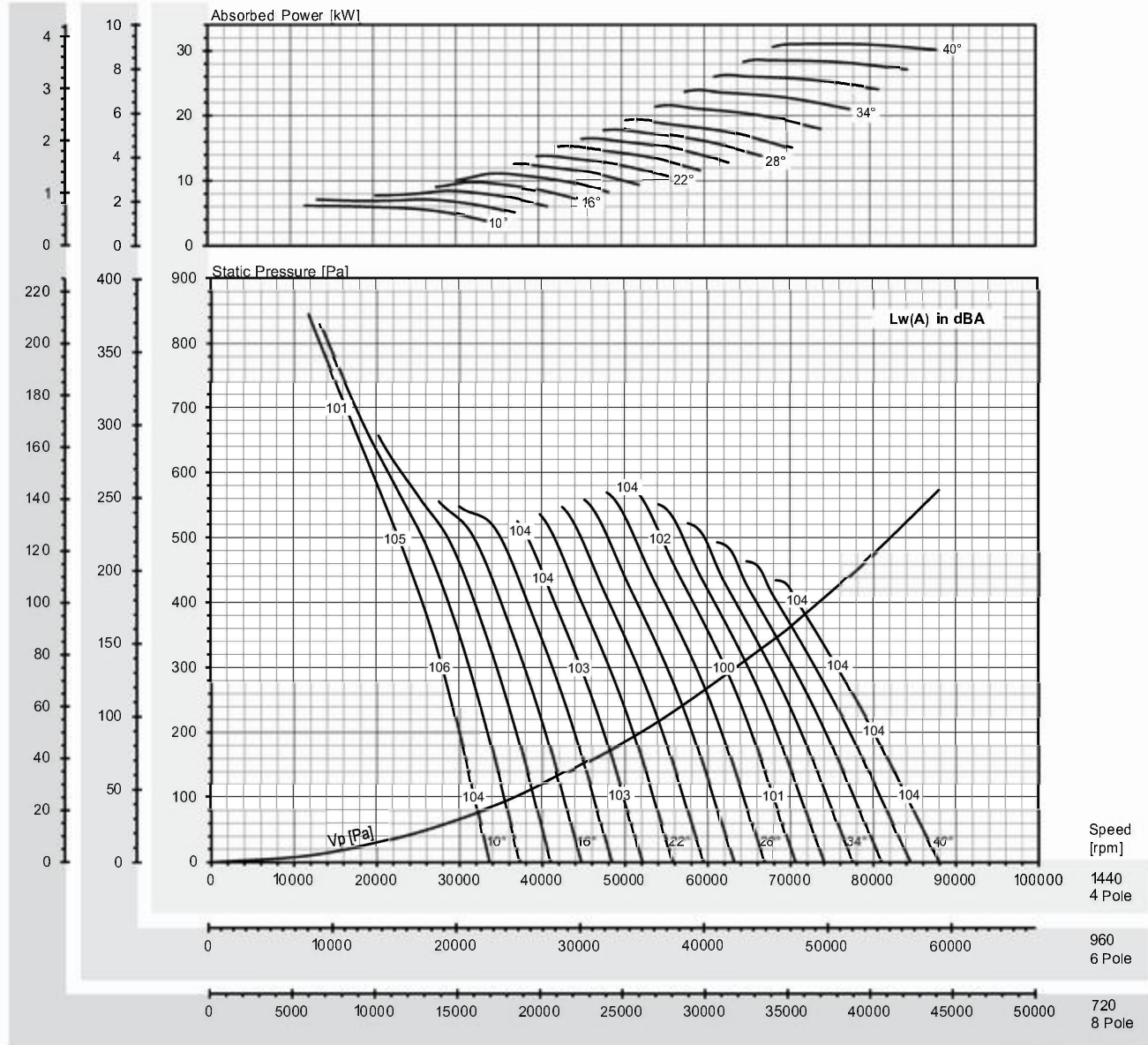
SERIES CVS- 1000 / 10

Impeller Code : 1000/300
Size : 1000mm

Adjustable Pitch Angle Axial Fan

FEG 60

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.77	0.89	1.06	1.22	1.39	1.56	1.72	1.89	2.06	2.22	2.39	2.68	2.96	3.26	3.57	3.88	-16	-36
960 motor	1.82	2.11	2.51	2.90	3.29	3.69	4.08	4.48	4.87	5.27	5.66	6.34	7.02	7.72	8.45	9.19	-10	-30
1440 motor	6.15	7.12	8.46	9.79	11.12	12.45	13.78	15.11	16.44	17.77	19.10	21.40	23.70	26.05	28.53	31.02	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



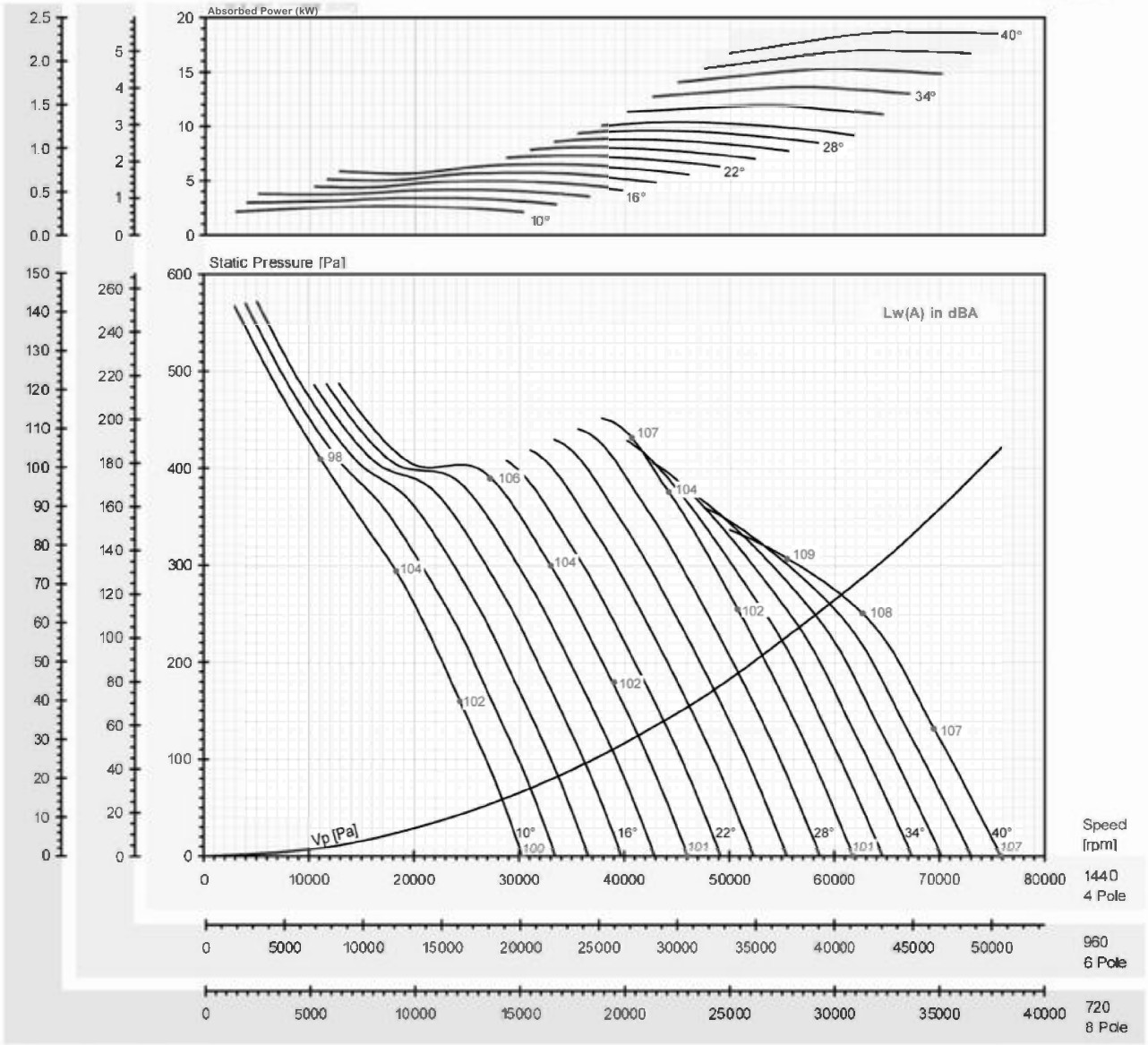
Adjustable Pitch Angle Axial Fan

Impeller Code : 1000/350

Size : 1000mm

FEG 63

50Hz



Peak Absorbed Power (kW)

Air Volume (m³/h)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.33 0.37	0.42 0.55	0.52 0.75	0.62 0.75	0.72 0.82	0.82 0.91	0.91 1.1	1.01 1.11	1.11 1.21	1.21 1.30	1.30 1.49	1.49 1.70	1.70 1.90	1.90 2.12	2.12 2.34	2.34 3	-17	-37
960 motor	0.78 1.1	1.00 1.5	1.23 1.5	1.47 1.70	1.70 1.93	1.93 2.16	2.16 2.40	2.40 2.63	2.63 2.86	2.86 3.09	3.09 3.54	3.54 4.02	4.02 4.51	4.51 5.01	5.01 5.54	5.54 7.5	-10	-30
1440 motor	2.64 3	3.39 4	4.17 5.5	4.95 5.5	5.74 7.5	6.52 7.5	7.30 8.09	8.09 8.87	8.87 9.65	9.65 10.4	10.4 11.9	11.9 13.6	13.6 15.2	15.2 16.9	16.9 18.7	18.7 22	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



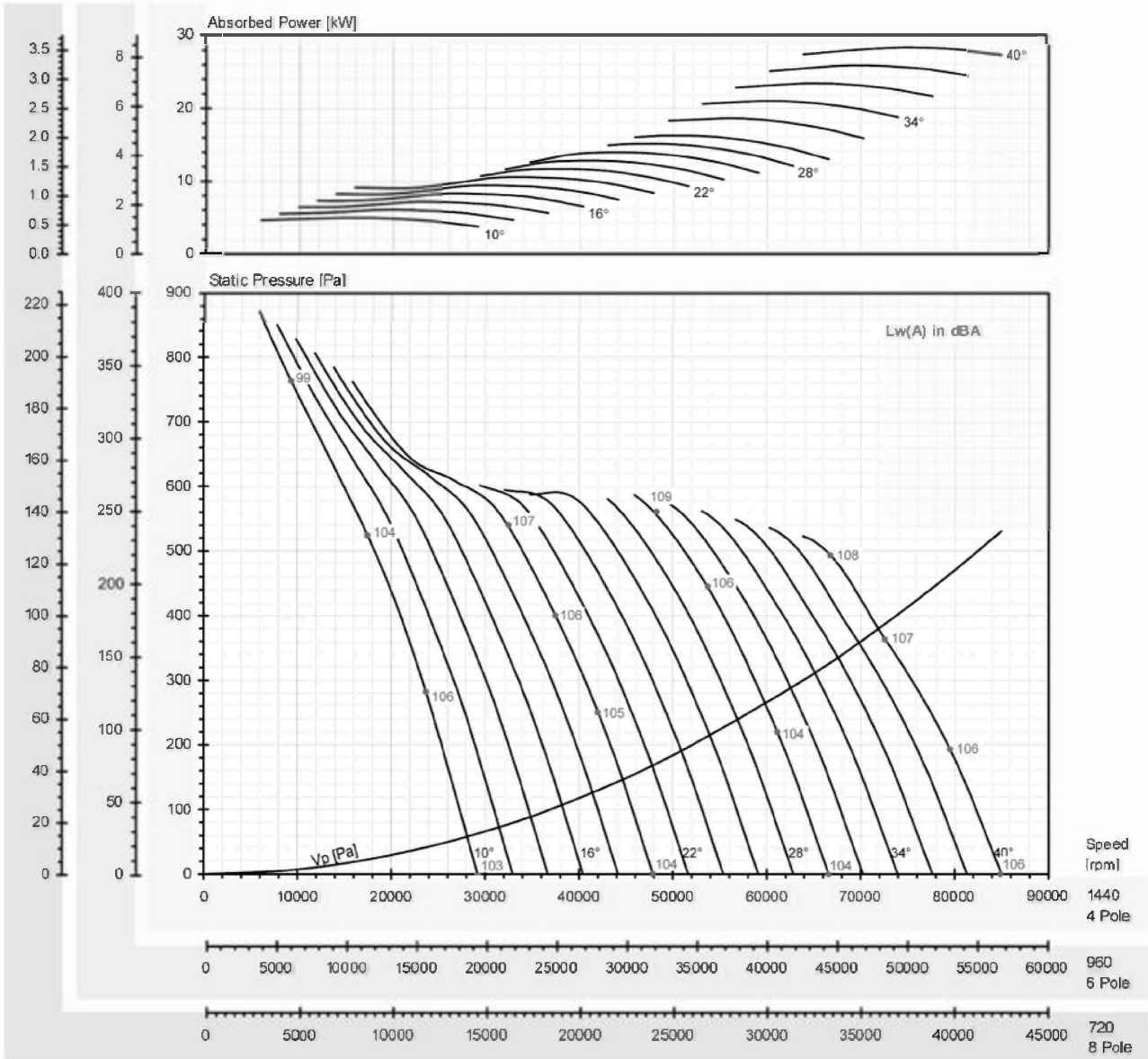
SERIES CVS- 1000 / 12

Adjustable Pitch Angle Axial Fan

Impeller Code : 1000/350
Size : 1000mm

FEG 63

50Hz



Peak Absorbed Power (kW)

Air Volume m^3/h

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.62	0.76	0.90	1.04	1.17	1.31	1.45	1.59	1.72	1.87	2.01	2.32	2.62	2.92	3.22	3.53	-17	-37
960 motor	1.48	1.81	2.13	2.46	2.78	3.11	3.43	3.76	4.09	4.43	4.77	5.49	6.21	6.92	7.64	8.36	-10	-30
1440 motor	4.99	6.09	7.19	8.29	9.39	10.5	11.6	12.7	13.8	14.9	16.1	18.5	20.9	23.4	25.8	28.2	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



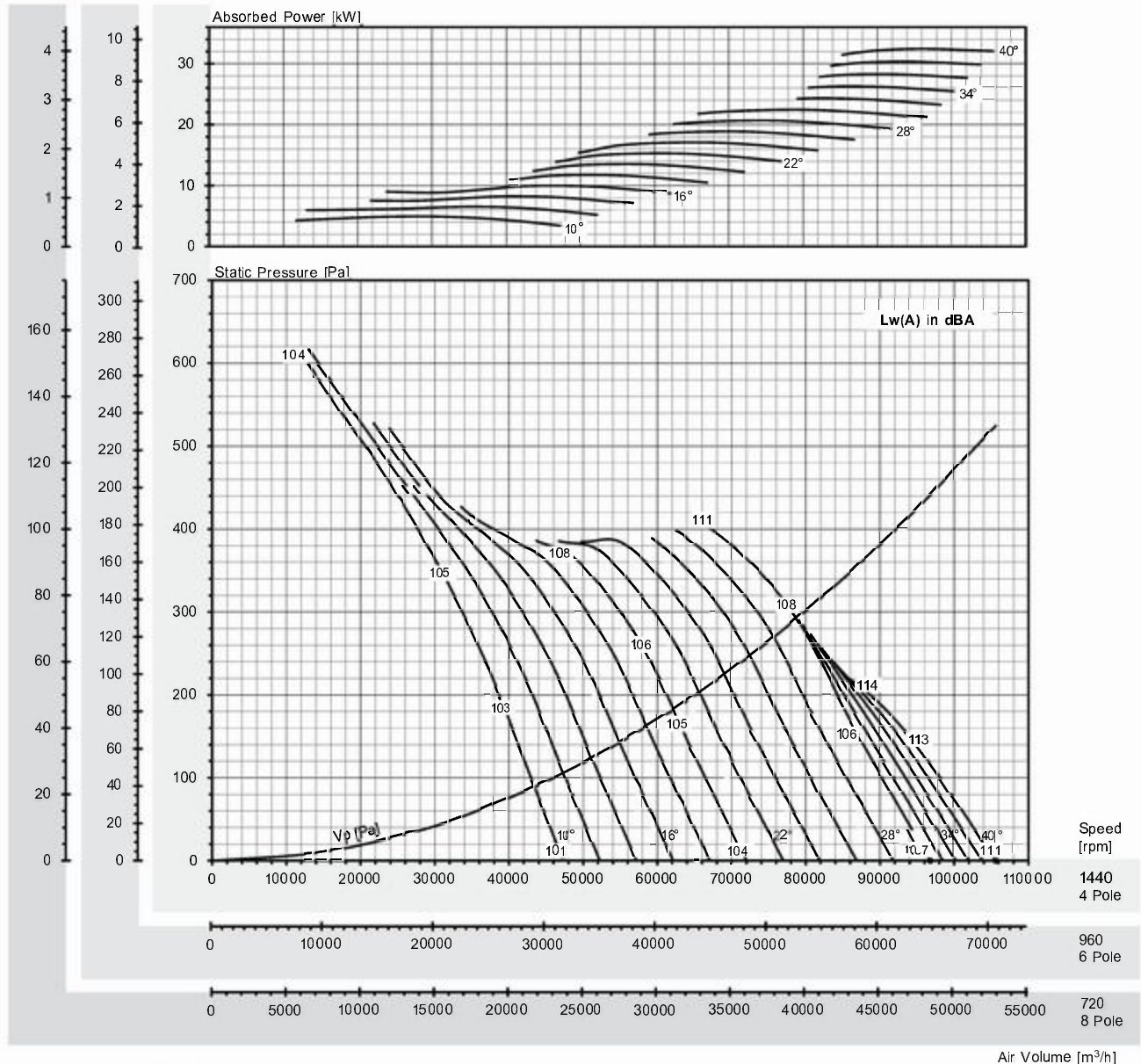
SERIES CVS- 1120 / 5

Impeller Code : 1120/300
Size : 1120mm

Adjustable Pitch Angle Axial Fan

FEG 71

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.62	0.82	1.03	1.19	1.46	1.69	1.91	2.14	2.36	2.58	2.81	3.03	3.28	3.54	3.79	4.05	-17	-37
960 motor	1.47	1.94	2.44	2.81	3.47	4.00	4.53	5.06	5.59	6.13	6.66	7.19	7.77	8.38	8.99	9.61	-10	-30
1440 motor	4.96	6.54	8.24	9.48	11.72	13.51	15.30	17.09	18.88	20.67	22.46	24.26	26.21	28.28	30.35	32.42	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



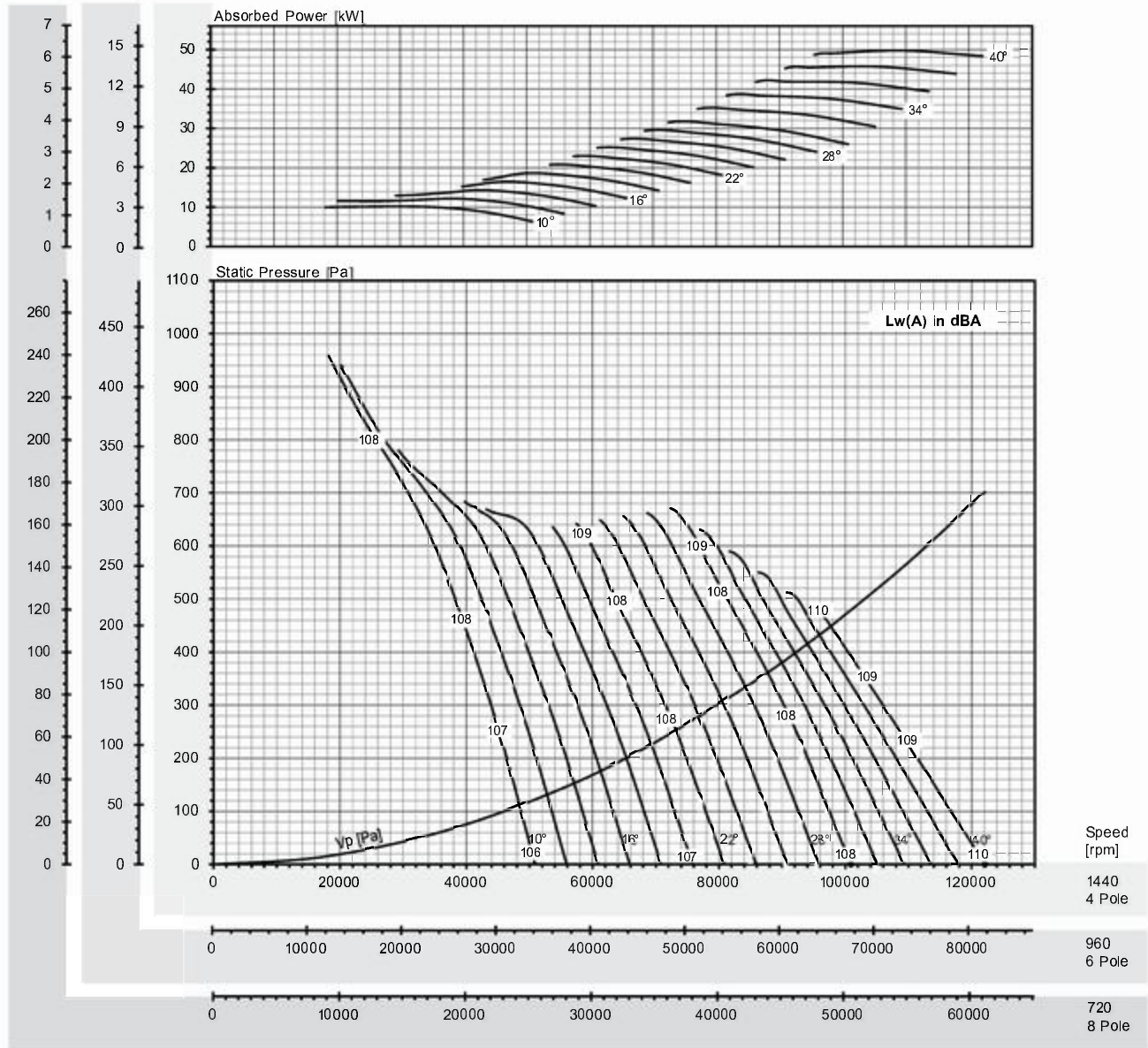
SERIES CVS- 1120 / 10

Impeller Code : 1120/300
Size : 1120mm

Adjustable Pitch Angle Axial Fan

FEG 60

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	1.26	1.53	1.79	2.06	2.33	2.60	2.87	3.14	3.40	3.67	3.94	4.37	4.80	5.23	5.70	6.22	-17	-37
960 motor	2.98	3.62	4.25	4.89	5.52	6.16	6.80	7.43	8.07	8.70	9.34	10.35	11.37	12.40	13.52	14.73	-10	-30
1440 motor	10.06	12.21	14.35	16.50	18.65	20.79	22.94	25.09	27.23	29.38	31.53	34.95	38.37	41.85	45.63	49.73	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



Adjustable Pitch Angle Axial Fan

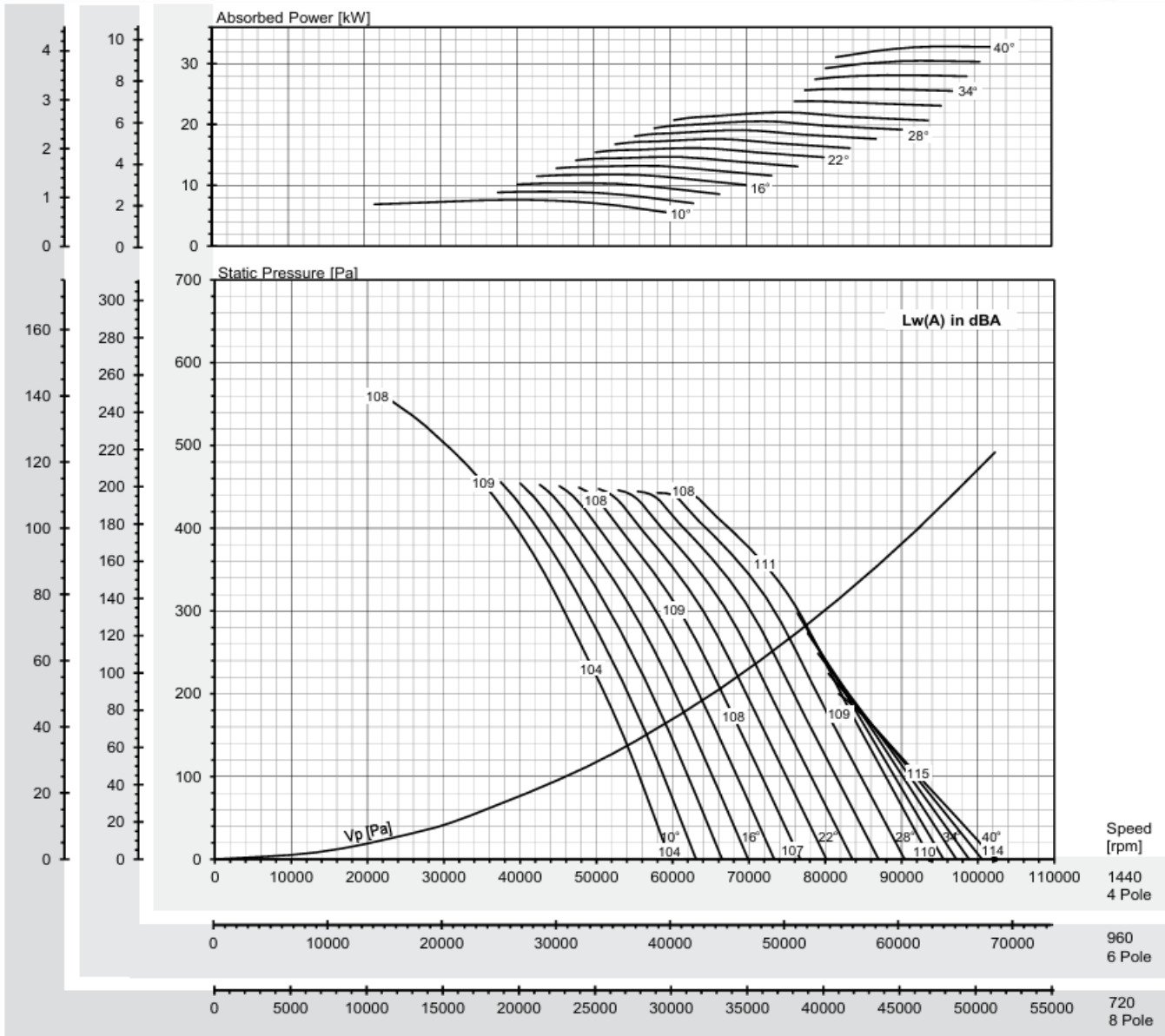
SERIES CVS- 1120 / 6

Impeller Code : 1120/350

Size : 1120mm

FEG 71

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	0.95	1.12	1.29	1.47	1.65	1.83	2.02	2.20	2.38	2.57	2.75	2.98	3.23	3.52	3.80	4.09	-19	-39
960 motor	2.25	2.66	3.07	3.48	3.91	4.35	4.78	5.22	5.65	6.09	6.52	7.06	7.66	8.33	9.01	9.70	-11	-31
1440 motor	7.60	8.98	10.36	11.73	13.20	14.67	16.14	17.61	19.07	20.54	22.01	23.82	25.84	28.12	30.41	32.74	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



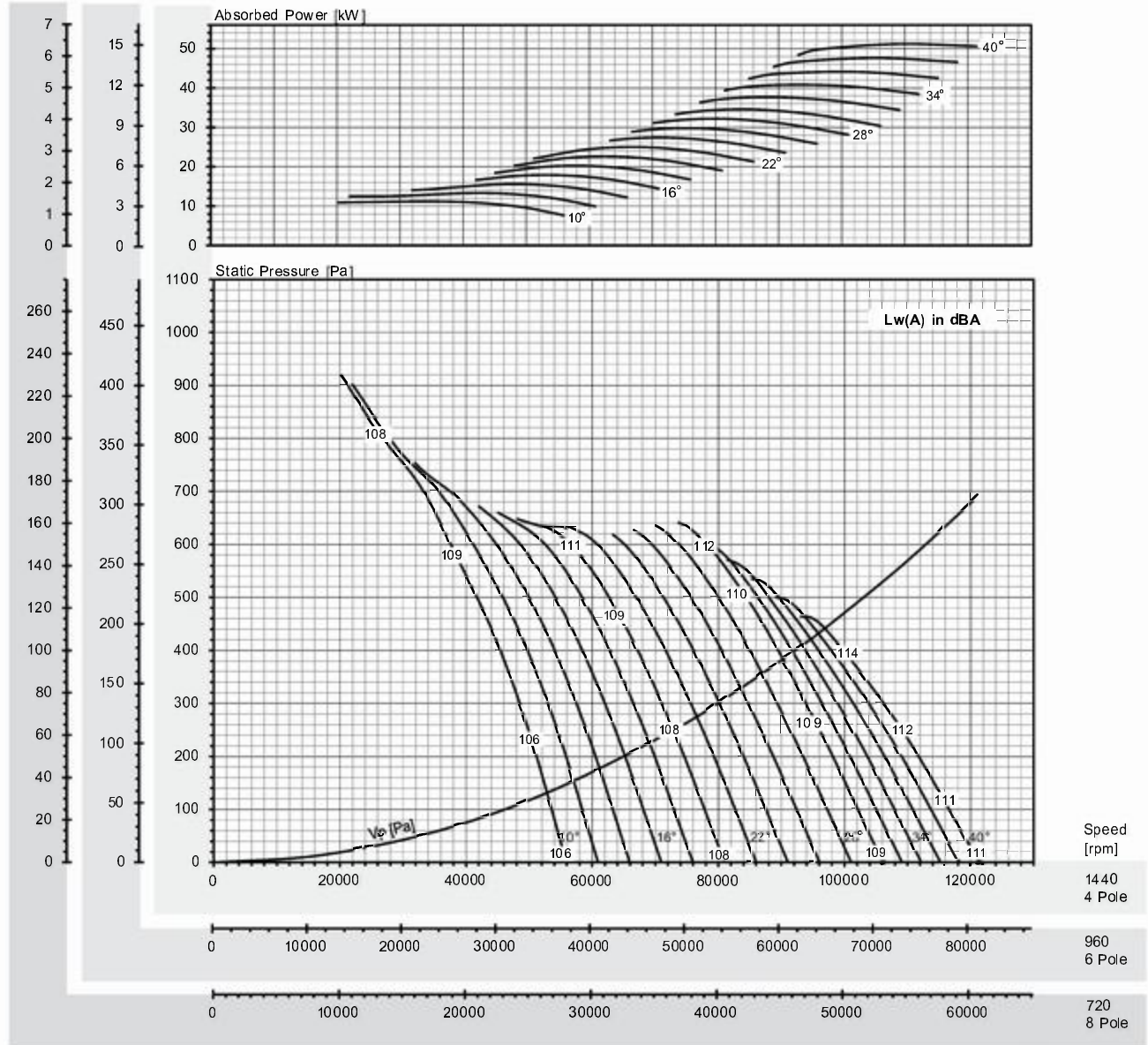
SERIES CVS- 1120 /12

Adjustable Pitch Angle Axial Fan

Impeller Code : 1120/350
Size : 1120mm

FEG 63

50Hz



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	1.40	1.66	1.94	2.22	2.52	2.82	3.12	3.42	3.72	4.02	4.33	4.71	5.09	5.50	5.95	6.40	-17	-37
960 motor	3.32	3.94	4.60	5.27	5.98	6.69	7.40	8.11	8.83	9.54	10.25	11.16	12.07	13.05	14.11	15.17	-10	-30
1440 motor	11.20	13.31	15.54	17.77	20.18	22.58	24.98	27.39	29.79	32.20	34.60	37.66	40.73	44.03	47.61	51.18	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



Adjustable Pitch Angle Axial Fan

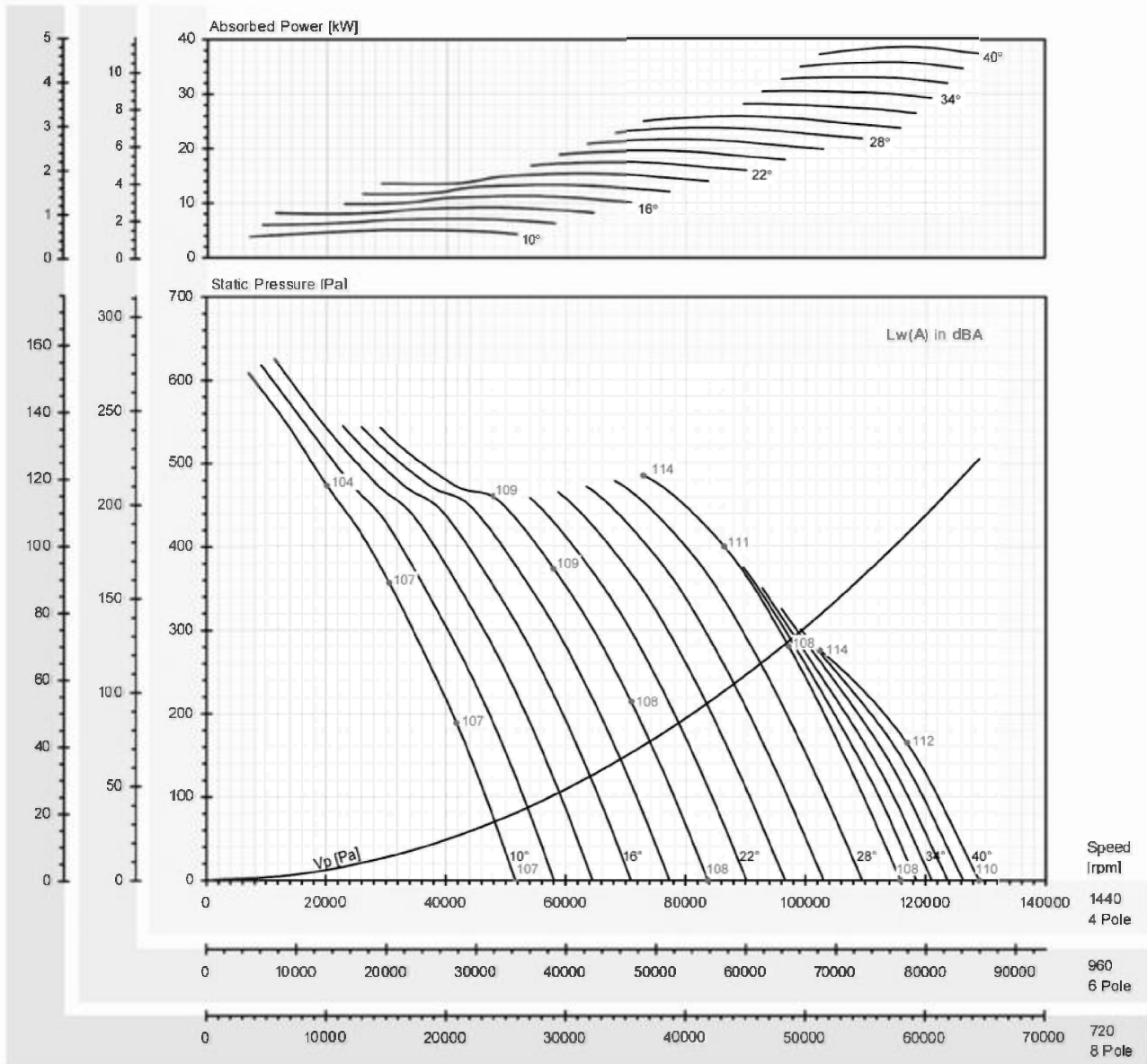
SERIES CVS- 1250 / 6

Impeller Code : 1250/350

Size : 1250mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume (m³/h)

N (rpm)	Blade Pitch Angle														Lw(A) in dBA	Lp(A) at 3m		
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°			38°	40°
720 motor	0.63	0.89	1.15	1.41	1.67	1.93	2.19	2.45	2.71	2.96	3.22	3.51	3.79	4.11	4.46	4.81	-17	-37
960 motor	1.50	2.12	2.73	3.35	3.96	4.57	5.2	5.8	6.4	7.0	7.6	8.3	9.0	9.7	10.6	11.4	-9	-29
1440 motor	5.1	7.1	9.2	11.3	13.4	15.4	17.5	19.6	21.6	23.7	25.8	28.0	30.3	32.9	35.7	38.5	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



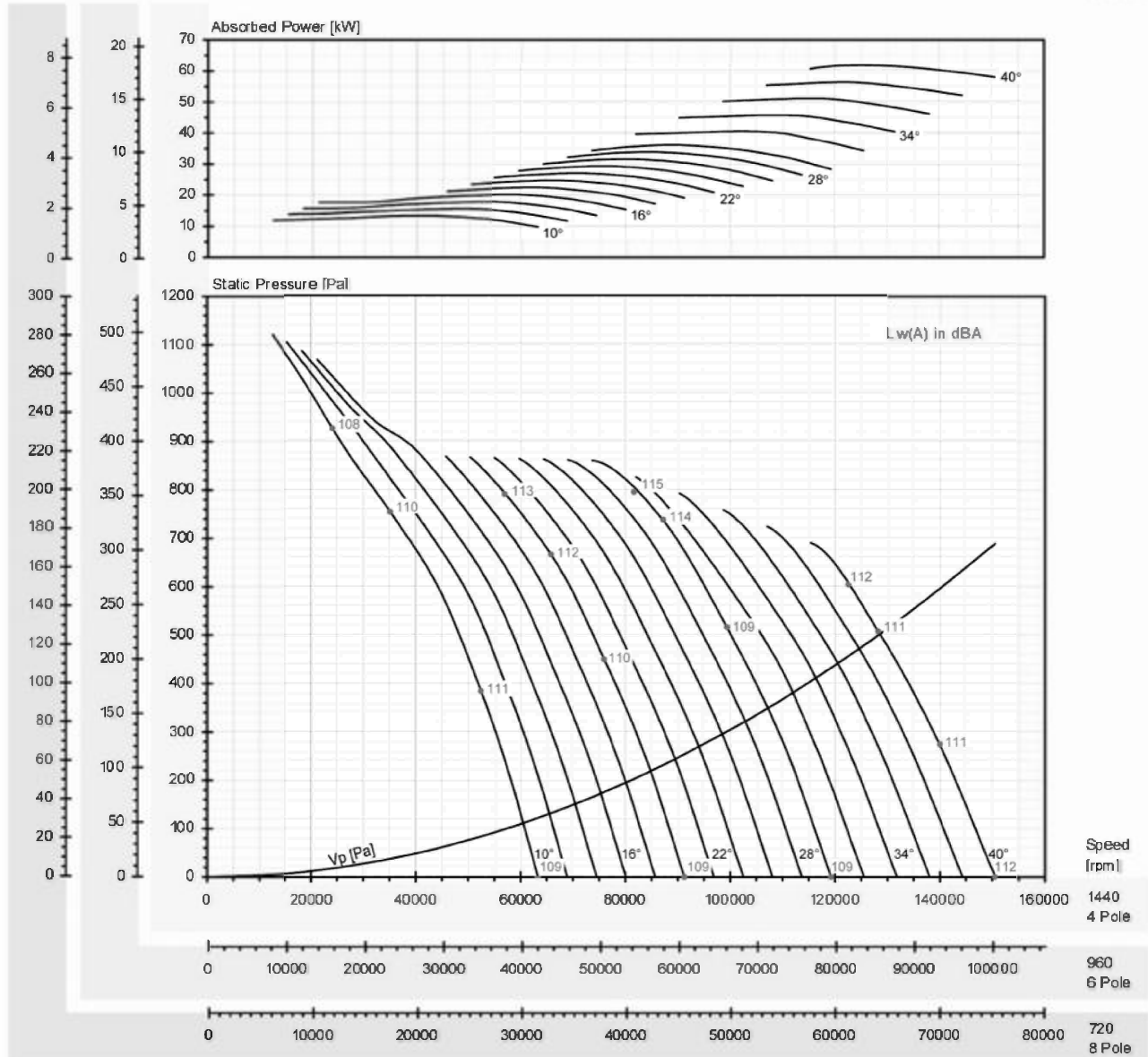
Adjustable Pitch Angle Axial Fan

SERIES CVS- 1250 /12

Impeller Code : 1250/350
Size : 1250mm

FEG 67

50Hz



Peak Absorbed Power (kW)

Air Volume (m³/h)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	1.67	1.95	2.24	2.52	2.80	3.09	3.37	3.66	3.94	4.22	4.51	5.04	5.70	6.36	7.02	7.69	-17	-37
960 motor	3.95	4.63	5.30	5.97	6.65	7.32	8.0	8.7	9.3	10.0	10.7	11.9	13.5	15.1	16.6	18.2	-9	-29
1440 motor	13.3	15.6	17.9	20.2	22.4	24.7	27.0	29.3	31.5	33.8	36.1	40.3	45.6	50.9	56.2	61.5	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



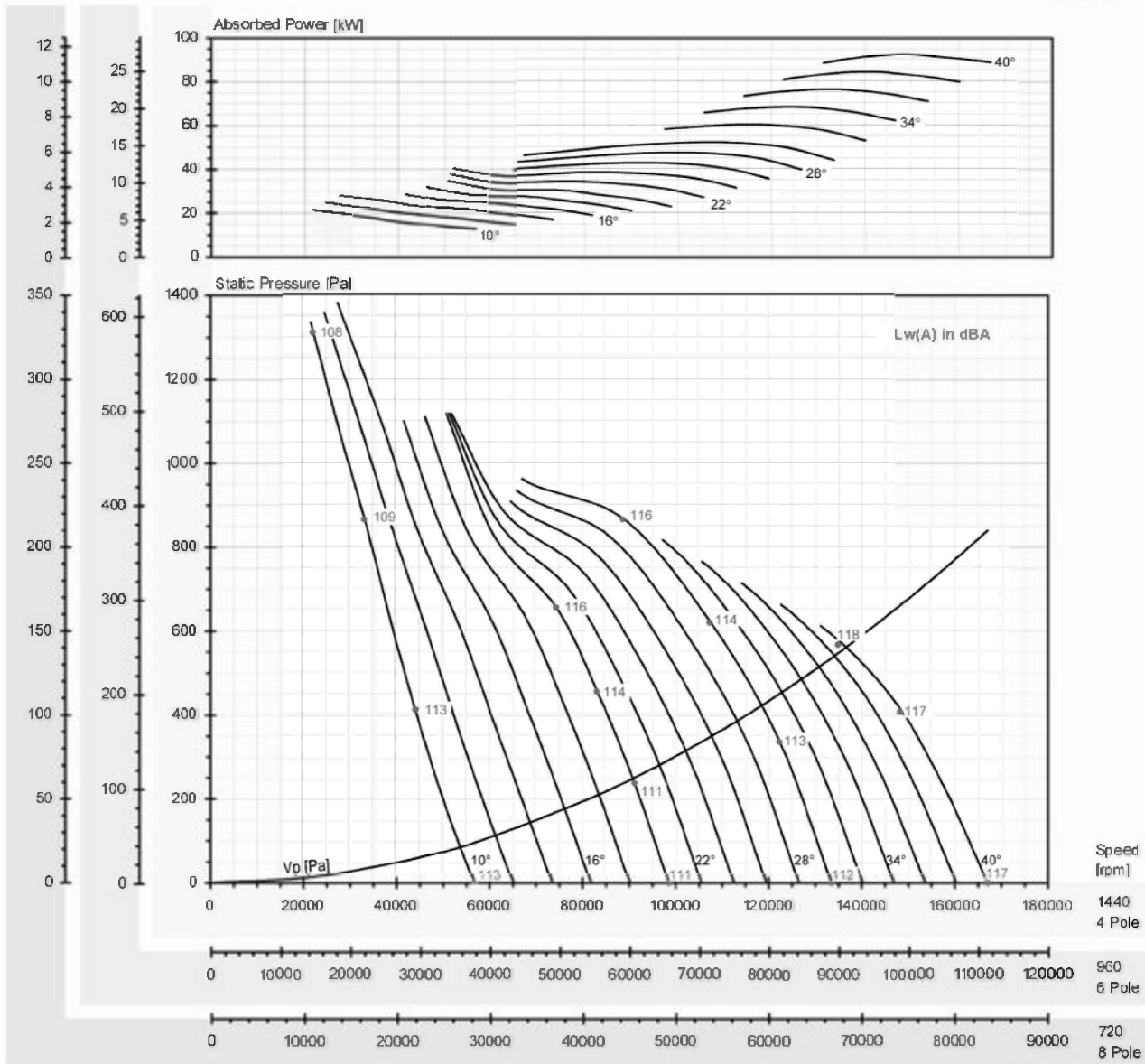
SERIES CVS- 1250 / 11

Adjustable Pitch Angle Axial Fan

Impeller Code : 1250/420
Size : 1250mm

FEG 60

50Hz



Peak Absorbed Power (kW)

Air Volume [m³/h]

N (rpm)	Blade Pitch Angle													Lw(A) indBA	Lp(A) at 3m			
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°			36°	38°	40°
720 motor	2.65	3.08	3.51	3.57	3.94	4.32	4.68	5.04	5.31	5.91	6.51	7.51	8.51	9.51	10.5	11.5	-17	-37
960 motor	6.28	7.30	8.31	8.45	9.35	10.2	11.1	12.0	12.6	14.0	15.4	17.8	20.2	22.5	24.9	27.3	-10	-30
1440 motor	21.2	24.6	28.0	28.5	31.6	34.6	37.5	40.3	42.5	47.3	52.0	60.0	68.0	76.0	84.0	92.0	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A)- dBA levels are not licensed by AMCA international



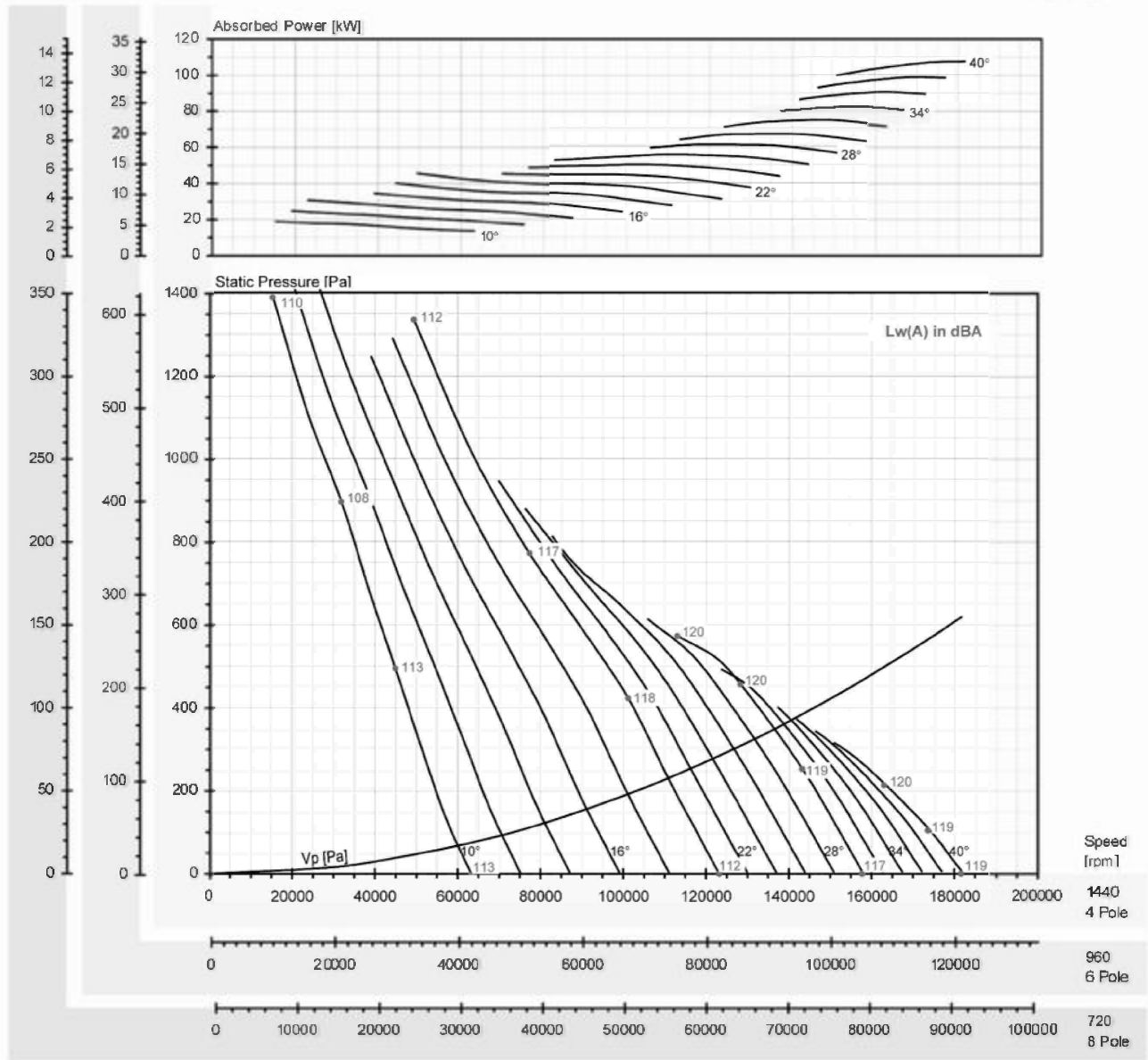
SERIES CVS- 1400 / 11

Impeller Code : 1400/420
Size : 1400mm

Adjustable Pitch Angle Axial Fan

FEG 50

50Hz



Peak Absorbed Power (kW)

Air Volume m³/h

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	2.36	3.10	3.84	4.32	5.01	5.70	5.67	6.25	6.92	7.62	8.34	9.30	10.3	11.3	12.3	13.4	-17	-37
960 motor	5.60	7.35	9.11	10.2	11.9	13.5	13.4	14.8	16.4	18.1	19.8	22.0	24.4	26.7	29.1	31.7	-10	-30
1440 motor	18.9	24.8	30.7	34.6	40.1	45.6	45.4	50.0	55.4	60.9	66.7	74.4	82.3	90.2	98.1	107.0	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international

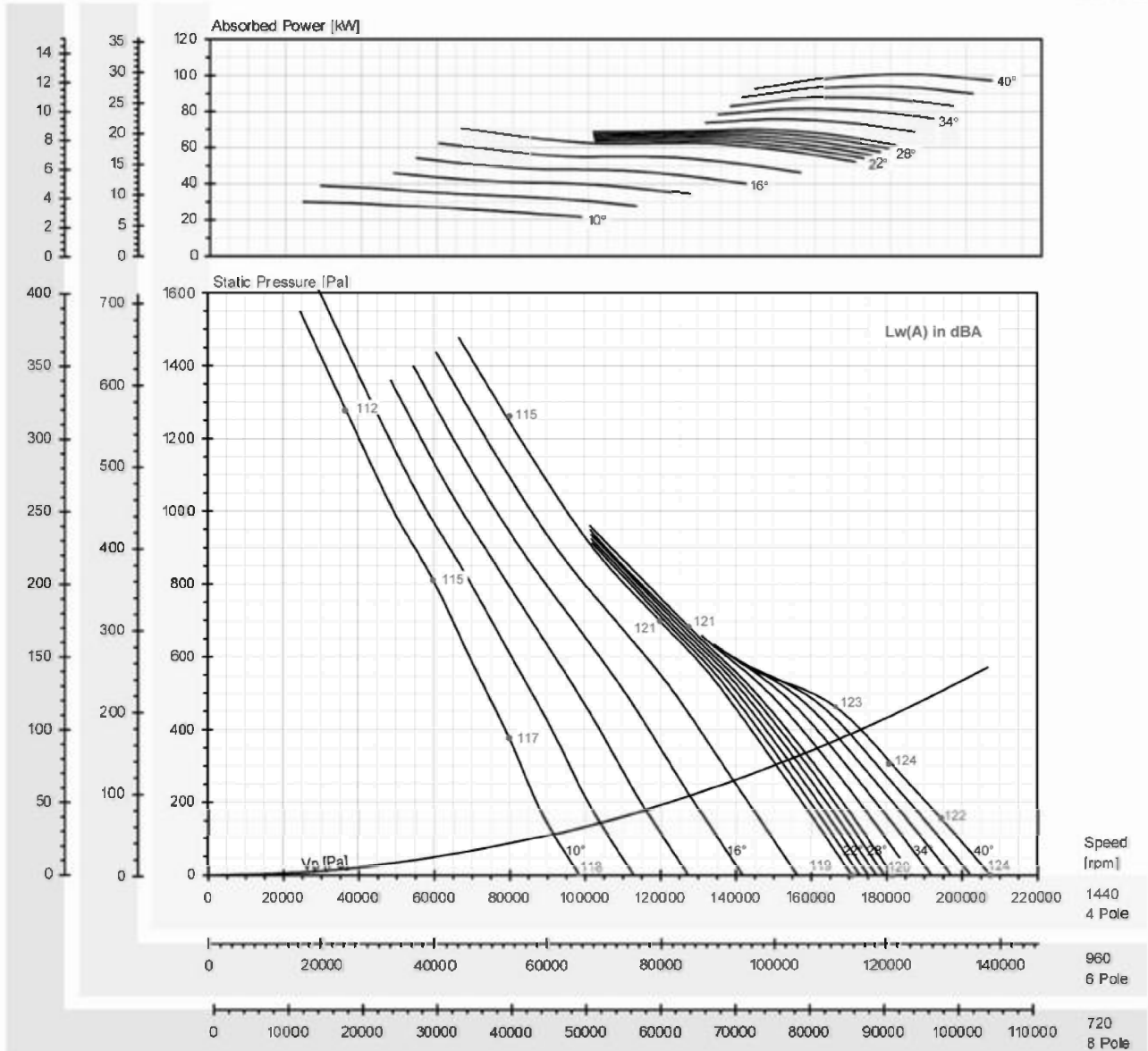


Adjustable Pitch Angle Axial Fan

Impeller Code : 1530/420
Size : 1530mm

FEG 53

50Hz



Peak Absorbed Power (kW)

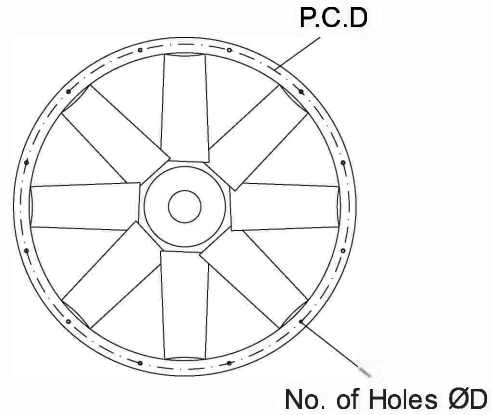
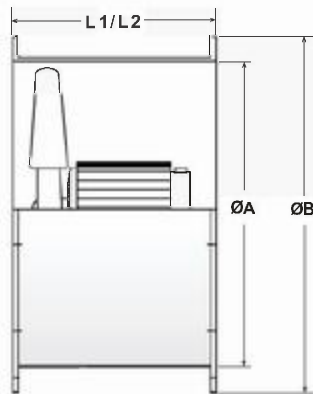
Air Volume (m³/h)

N (rpm)	Blade Pitch Angle																Lw(A) in dBA	Lp(A) at 3m
	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°		
720 motor	3.75	4.85	5.74	6.77	7.80	8.84	7.95	8.15	8.35	8.55	8.74	9.46	10.2	10.9	11.7	12.8	-17	-37
960 motor	8.88	11.5	13.6	16.0	18.5	20.9	18.8	19.3	19.8	20.3	20.7	22.4	24.1	25.8	27.8	29.8	-10	-30
1440 motor	30.0	38.8	45.9	54.2	62.4	70.7	63.6	65.2	66.8	68.4	70.0	75.7	81.5	87.2	93.8	100.5	0	-20

- Performance certified is for installation type D-Ducted inlet. Ducted outlet. 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 Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effect of duct end correction.
- Lp(A) - dBA levels are not licensed by AMCA international



CVS SERIES DIMENSION



Size	Electric Motor (kW)			L1	L2	ØA	ØB	ØD	Flange Size	PCD	No. of Holes	Approx. Weight (kg), L1	Approx. Weight (kg), L2	Max Motor Frame Size
	6P	4P	2P											
315	ALL	ALL	ALL	340	300	315	395	10	40	356	6	12	11	71
400	ALL	ALL	ALL	390	340	400	480	10	40	440	6	16	14	80
500	ALL	ALL	TBA	405	360	500	580	12	40	540	8	20	19	90S
560	ALL	ALL	TBA	435	390	560	640	12	40	606	8	24	22	90L
630	ALL	ALL	TBA	85	430	630	720	12	45	678	12	34	32	100LB
710	ALL	ALL	TBA	510	450	710	800	12	45	764	12	51	47	112M
	-	-	TBA	590	510	710	800	12	45	764	12	57	52	132M
800	ALL	≤5.5	-	525	450	800	900	12	50	856	12	60	55	132S
	-	≤7.5	-	630	550	800	900	12	50	856	12	68	63	132M
900	ALL	≤5.5	-	585	510	900	1000	12	50	956	12	73	67	132S
	-	≤7.5	-	630	550	900	1000	12	50	956	12	76	70	132M
1000	≤5.5	≤7.5	-	630	550	1000	1100	12	50	1056	12	85	78	132M
	≤11.0	≤22.0	-	790	710	1000	1100	12	50	1056	12	110	103	180L
1120	≤11.0	≤15.0	-	712	640	1120	1220	15	50	1176	16	100	93	160L
	≤22.0	≤30.0	-	835	740	1120	1220	15	50	1176	16	116	106	200L
	≤37.0	≤55.0	-	935	840	1120	1220	15	50	1176	16	160	151	250S
	≤75.0	≤90.0	-	1155	1050	1120	1220	15	50	1176	16	184	174	280M
1250	≤11.0	≤15.0	-	712	640	1250	1350	15	50	1306	16	112	104	160L
	≤22.0	≤30.0	-	835	740	1250	1350	15	50	1306	16	129	118	200L
	≤37.0	≤55.0	-	935	840	1250	1350	15	50	1306	16	178	168	250S
	≤75.0	≤90.0	-	1155	1050	1250	1350	15	50	1306	16	205	194	280M
1400	≤22.0	≤30.0	-	835	740	1400	1510	15	55	1456	16	145	133	200L
	≤37.0	≤55.0	-	935	840	1400	1510	15	55	1456	16	207	195	250S
	≤75.0	≤90.0	-	1155	1050	1400	1510	15	55	1456	16	239	226	280M
1530	≤30.0	≤37.0	-	885	790	1530	1640	20	55	1586	24	213	200	225S
	≤37.0	≤55.0	-	1000	890	1530	1640	20	55	1586	24	234	219	250M
	≤75.0	≤90.0	-	1155	1050	1530	1640	20	55	1586	24	256	242	280M

* The actual dimension is subject to the motor frame size used, kindly refer to GTG Technical Submittal for further details.
 * Weight indicated above excluded the weight of motor, hub and fan blades.