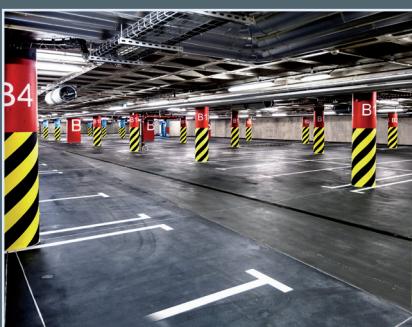
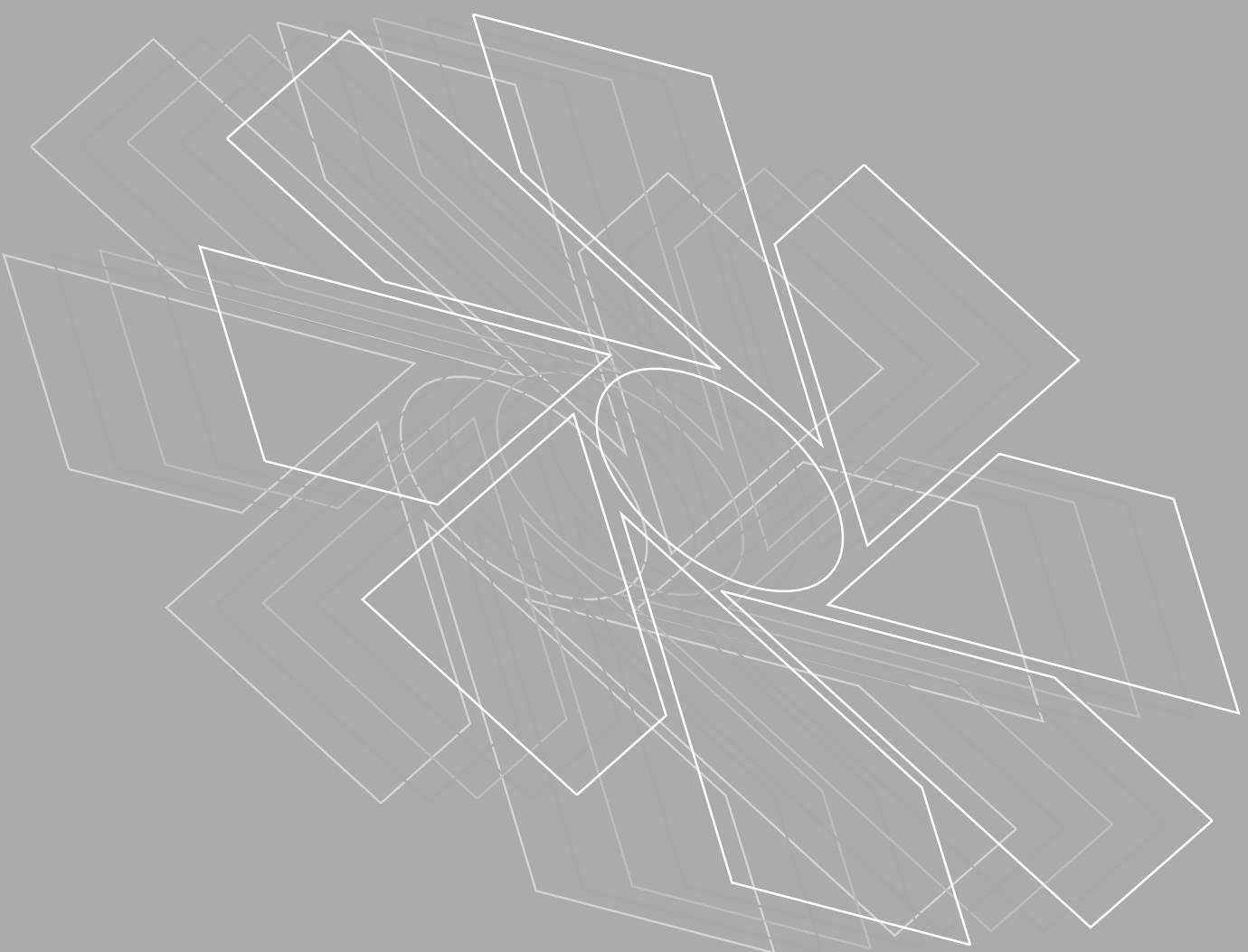


TA-HP

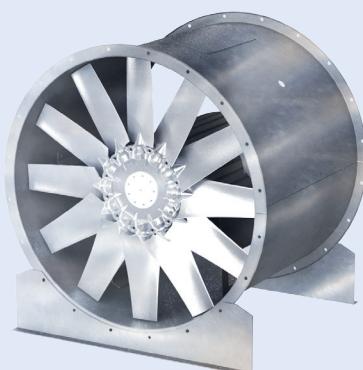
High performance ducted axial fans





>TA-HP

High performance ducted axial fans



Maico Gulf LLC certifies that the DYNAIR model TA -HP 400 to TA-HP 1600 shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Sound,Air and FEG performance for Models TA-HP 400 to TA-HP 1600 only.



The AMCA Certified Ratings Seal applies to Sound and Air performance for models TA-HP-400-240-12-6, TA-HP-400-240-12-9, TA-HP-400-240-12-12, TA-HP-450-240-12-6, TA-HP-450-240-12-9, TA-HP-450-240-12-12.

DESCRIPTION

The tube axial fans of TA-HP series are used for ducted/ non ducted installation requiring large air flow with relatively low pressure drop, general ventilation and extraction, cooling and refrigeration in industrial, naval, commercial, civil, energy fields, electromechanical cooling, environmental control -crop storage, petrochemical process ventilation, This series has the advantage of being smaller in dimension and easier to install. The series consist of different sizes with impeller diameter from 400 to 1600 mm. TA-HP fans can be fitted with motor of different polarity depending required performances. Suitable for conveying clean air with temperature from -10°C to 70°C.

CONSTRUCTION

- Long Casing in sheet steel, with fixing flanges manufactured according to UNI ISO 6580
- Protected against atmospheric agent by HDG (Hot Dip Galvanizing) fully adjustable high performance Axial Impeller with aero foil profile blades and hub in Die Cast Aluminium, x-ray Inspection, Multiple blade configurations for optimum performance, all impeller are statically and dynamically balanced according ISO1940 and AMCA 204-G2.5 Standard.
- Variable pitch angle in still position with setting means, Impeller directly coupled to the motor and air flow from impeller to motor, all fans after assembly are trim-balanced to ISO1940 and AMCA 204 -G2.5 standard.

MOTOR

Asynchronous three phase Motor according to international standard IEC 600034, IEC 60072, EMC 2004/108/CE LVD 2006/95/CE Marked IP 55,IE 2 (only single speed motors) CL F.

ACCESSORIES (UPON REQUEST)

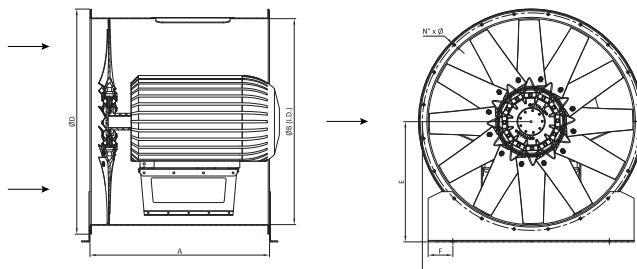
- Flat(CCr) Protection guard
- Flexible Connector (CCga).
- Inlet/Outlet bell Mouth (CCbo).
- Silencer with or without Pod, in three lengths (CCsa & CCsb).
- Counter Flange (CCf)/ Counter Flange with collar (CCfc)
- Anti-Vibration mounts

UPON REQUEST

- Guide Vanes
- Casing protection by epoxy paint and stainless steel
- Air flow from motor to impeller
- Multi-stage versions for higher pressure development
- IE3 Motors (only single speed motors)
- Backdraft Damper
- Completely reversible impeller

DIMENSIONS

TA- HP



TYPE	A	ØB	ØC	ØD	E	F	N	Ø
TA-HP 400	450	400	450	502	290	50	8	12
TA-HP 450	450	450	500	553	315	50	8	12
TA-HP 500	575	500	560	603	355	53	12	12
TA-HP 560	575	560	620	663	380	50	12	12
TA-HP 630	725	630	690	733	420	75	12	12
TA-HP 710	600	710	770	813	437	75	16	12
TA-HP 800	650	800	860	903	485	70	16	12
TA-HP 900	770	900	970	1013	565	70	16	16
TA-HP 1000	840	1000	1070	1113	610	70	16	16
TA-HP 1120	840	1120	1190	1233	675	150	20	16
TA-HP 1250	1090	1250	1320	1367	730	150	20	16
TA-HP 1400*	1350	1400	1470	1530	850	150	20	16
TA-HP 1600*	1350	1600	1680	1730	930	150	24	18

Dimensions in mm

*For motor FS 315 S/M and above check with sales office for actual drawing.

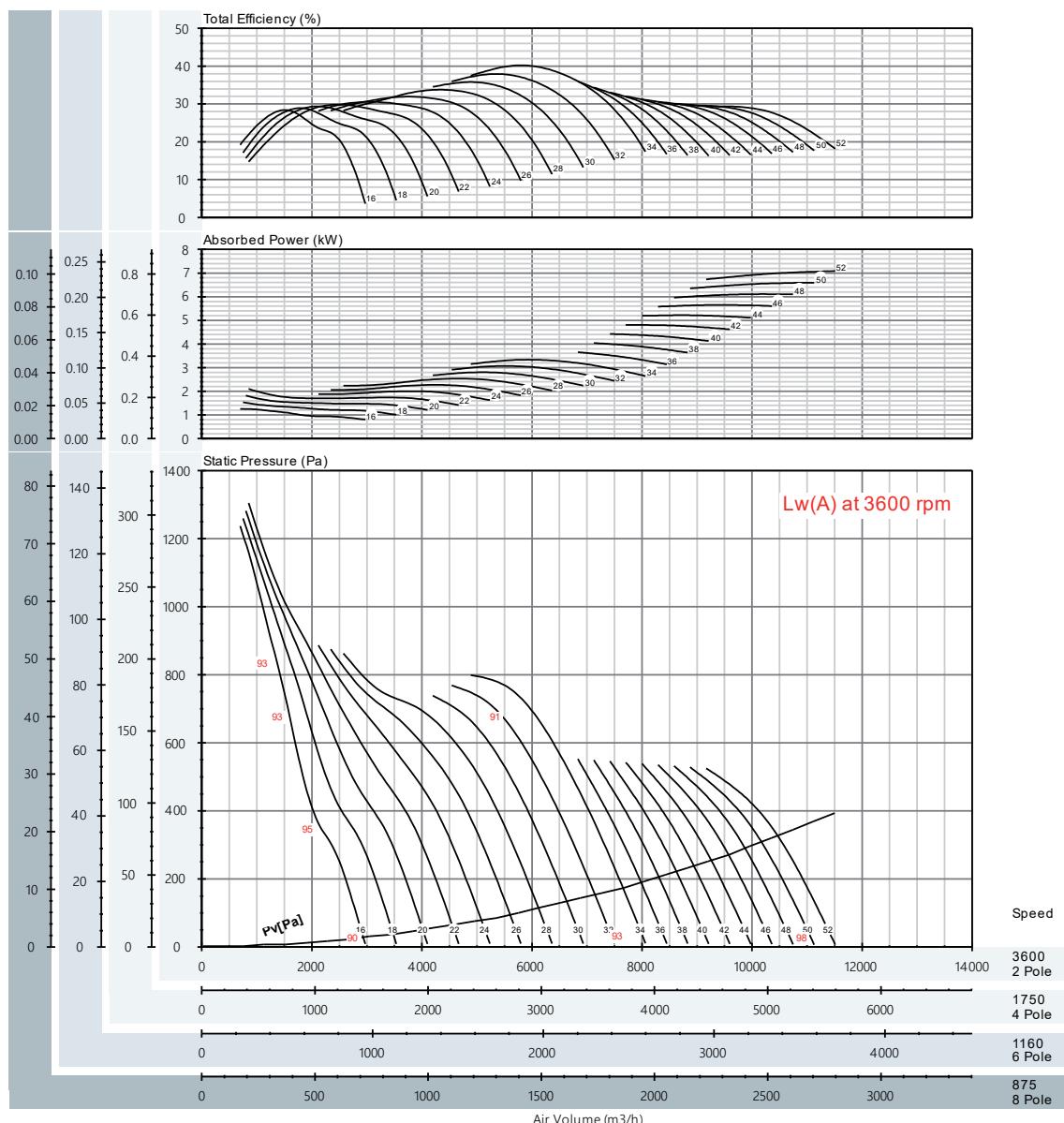
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.125 m²

60Hz
TA-HP-400-240-12-12
p = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																LwA dB(A)			
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.018	0.022	0.026	0.030	0.029	0.033	0.036	0.040	0.044	0.048	0.052	0.058	0.064	0.069	0.075	0.081	0.088	0.095	0.102	-34
					0.04				0.06				0.09		0.12					
1160 motor	0.042	0.051	0.061	0.070	0.067	0.076	0.085	0.094	0.103	0.112	0.122	0.135	0.148	0.161	0.175	0.189	0.204	0.221	0.237	-27
					0.06			0.09		0.12			0.18			0.25				
1750 motor	0.144	0.176	0.209	0.241	0.230	0.261	0.291	0.322	0.353	0.383	0.420	0.464	0.508	0.553	0.599	0.649	0.702	0.757	0.814	-17
					0.18		0.25		0.37			0.55		0.75		1.1				
3600 motor	1.254	1.535	1.817	2.100	2.003	2.269	2.536	2.804	3.071	3.388	3.656	4.041	4.426	4.810	5.218	5.653	6.109	6.594	7.087	0
	1.5		2.2			3		4		5.5			7.5							

* 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 effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

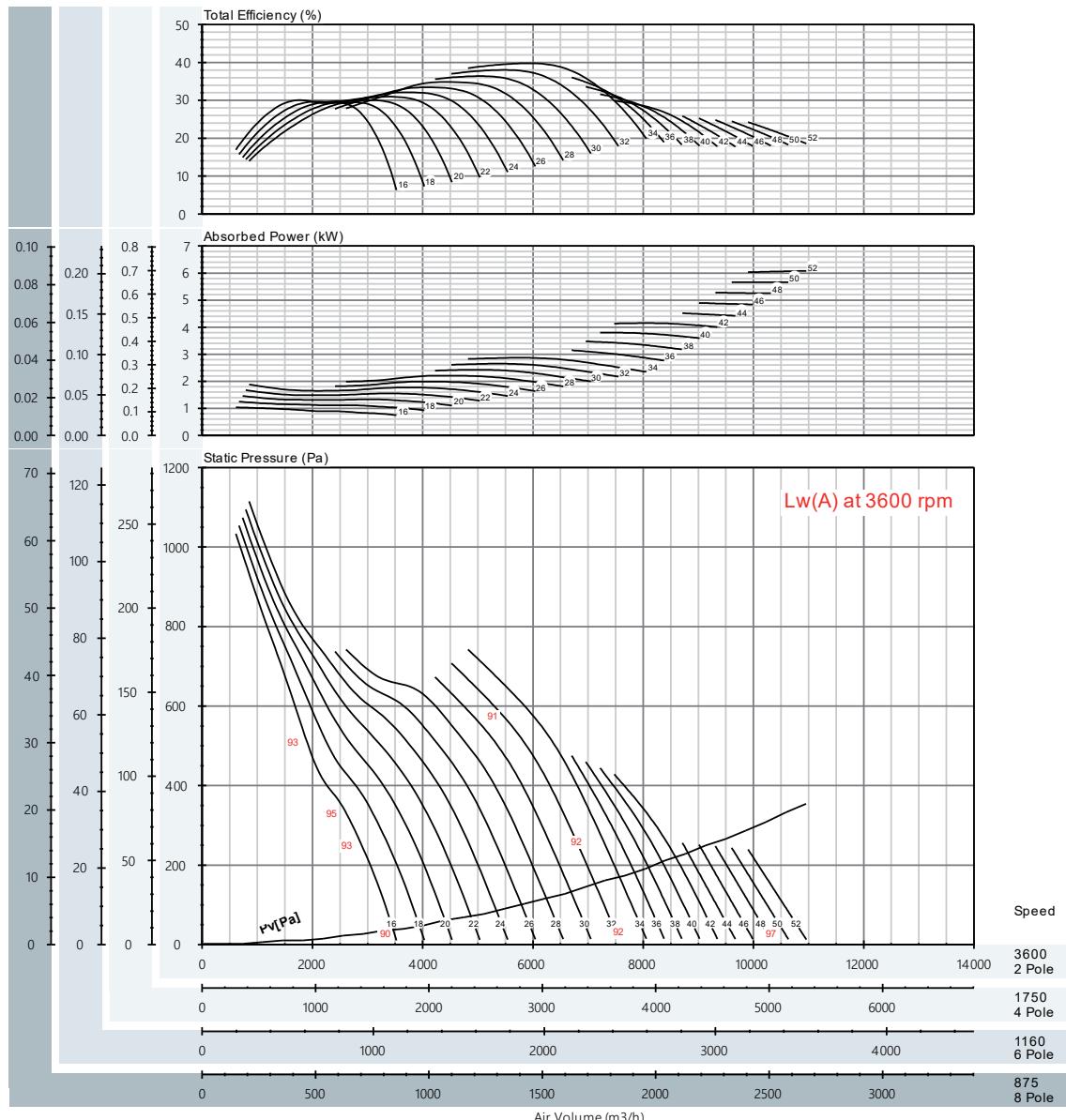
Outlet Area-0.125 m²

60Hz

TA-HP-400-240-12-9

p = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.015	0.018	0.021	0.024	0.027	0.029	0.032	0.035	0.038	0.041	0.045	0.050	0.055	0.060	0.065	0.070	0.076	0.081	0.087	-34
1160 motor	0.035	0.042	0.049	0.056	0.063	0.067	0.074	0.081	0.089	0.096	0.105	0.116	0.127	0.139	0.151	0.164	0.177	0.190	0.204	-27
1750 motor	0.119	0.144	0.168	0.192	0.217	0.229	0.254	0.279	0.305	0.330	0.362	0.399	0.437	0.477	0.519	0.563	0.606	0.651	0.699	-17
3600 motor	1.038	1.250	1.462	1.673	1.885	1.992	2.212	2.430	2.651	2.871	3.149	3.477	3.805	4.150	4.519	4.898	5.277	5.668	6.083	0
	1.1	1.5	2.2	3	4	5.5	7.5													

* 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 effects of duct end correction.

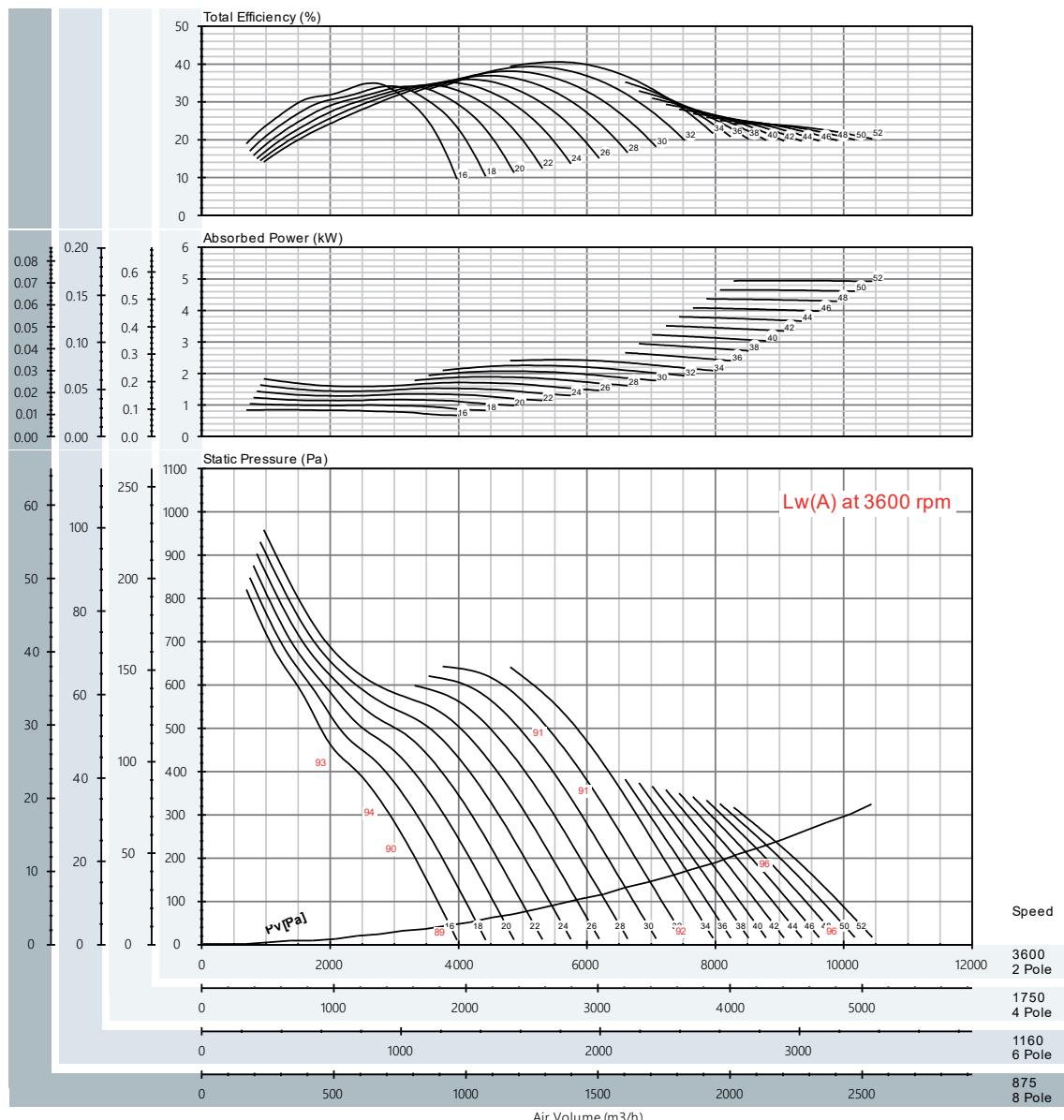
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.125 m²

60Hz
TA-HP-400-240-12-6
p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.012	0.015	0.018	0.021	0.023	0.026	0.027	0.030	0.032	0.035	0.038	0.042	0.046	0.050	0.055	0.059	0.063	0.067	0.071	-34
																			0.04	
1160 motor	0.028	0.035	0.041	0.048	0.055	0.061	0.063	0.069	0.075	0.081	0.089	0.099	0.108	0.118	0.127	0.137	0.146	0.156	0.165	-27
																			0.04	
1750 motor	0.097	0.119	0.142	0.165	0.187	0.210	0.217	0.238	0.259	0.280	0.306	0.338	0.371	0.404	0.436	0.469	0.502	0.534	0.568	-17
																			0.12	
3600 motor	0.847	1.038	1.236	1.433	1.631	1.829	1.891	2.072	2.254	2.434	2.661	2.945	3.230	3.514	3.799	4.083	4.368	4.652	4.944	0
																			1.1	
																			1.5	
																			2.2	
																			3	
																			4	
																			5.5	

* 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 effects of duct end correction.

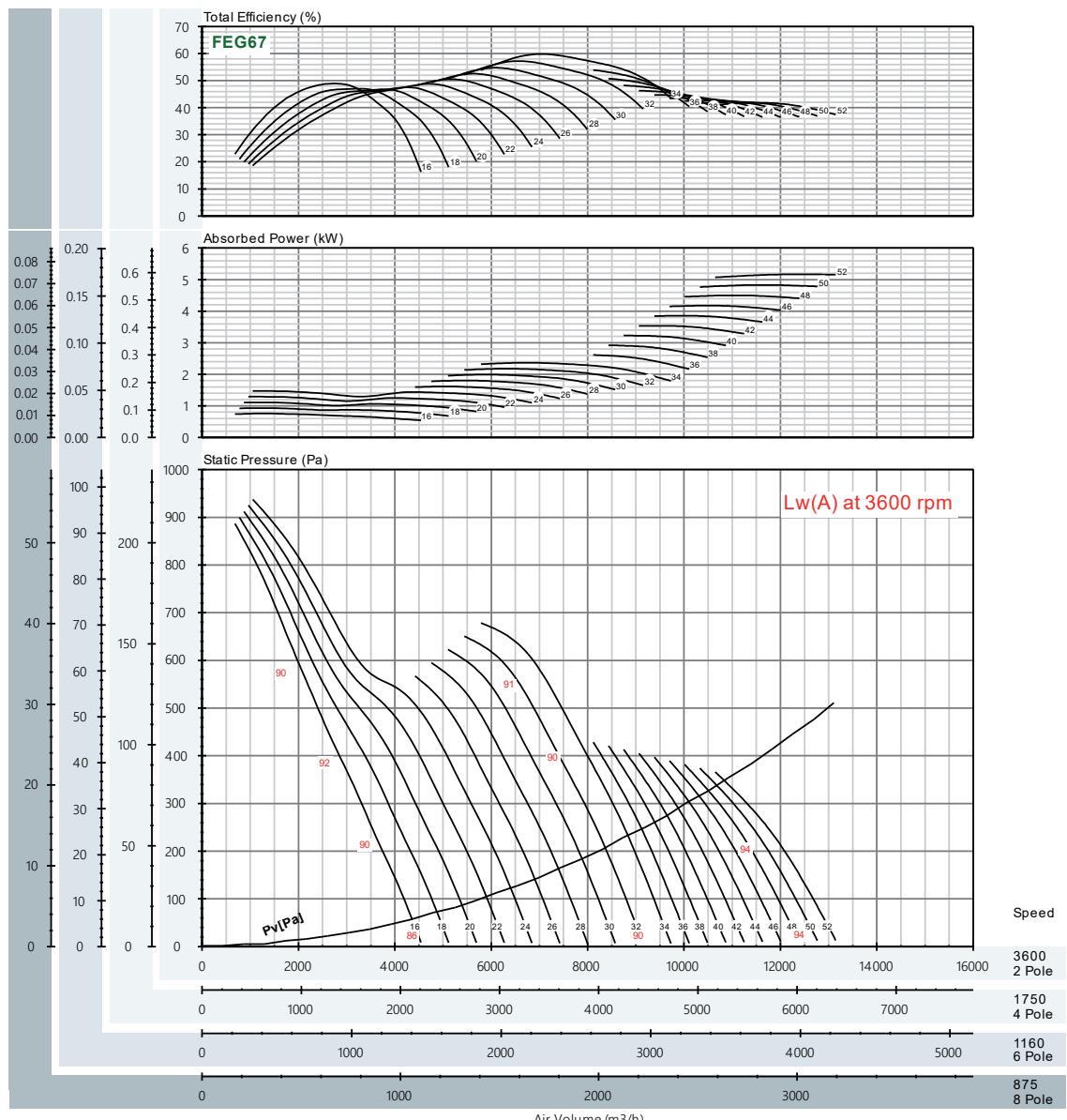
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.125 m²

60Hz
TA-HP-400-150-6-6
p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.011	0.013	0.016	0.019	0.021	0.023	0.026	0.029	0.031	0.034	0.038	0.042	0.046	0.051	0.055	0.060	0.065	0.069	0.074	-34
																			0.04	
1160 motor	0.025	0.031	0.037	0.043	0.049	0.054	0.060	0.067	0.073	0.079	0.087	0.098	0.108	0.118	0.129	0.140	0.151	0.162	0.173	-27
																			0.04	
1750 motor	0.087	0.107	0.127	0.148	0.169	0.186	0.207	0.229	0.250	0.272	0.300	0.335	0.371	0.406	0.443	0.480	0.517	0.555	0.594	-17
																			0.09	
3600 motor	0.757	0.931	1.110	1.291	1.475	1.615	1.803	1.991	2.179	2.368	2.613	2.920	3.228	3.538	3.856	4.177	4.502	4.832	5.168	0
																			1.1	
																			1.5	
																			2.2	
																			3	
																			4	
																			5.5	

* 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 effects of duct end correction.

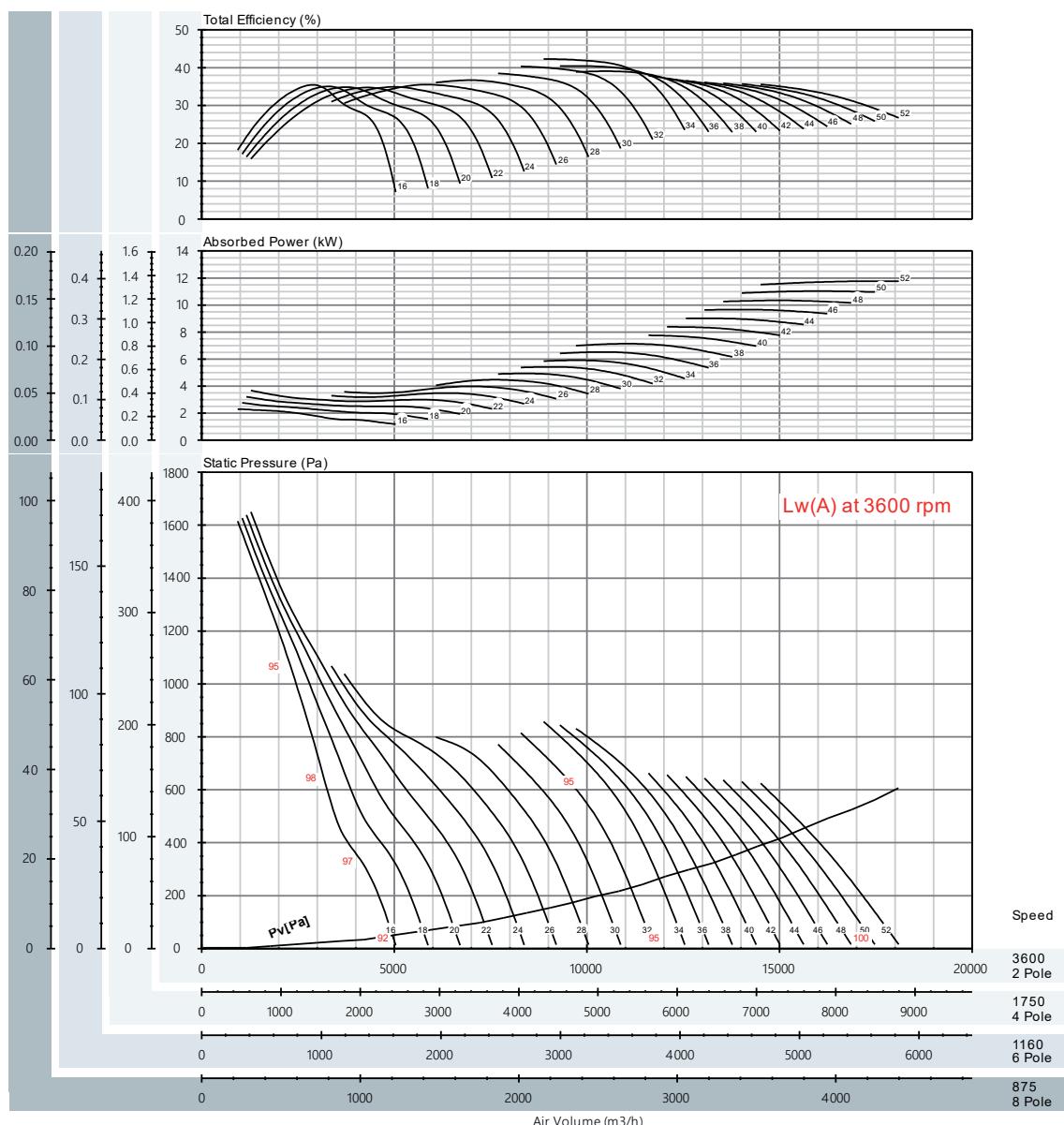
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.158m²

60Hz
TA-HP-450-240-12-12
ρ = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.033	0.040	0.046	0.053	0.050	0.057	0.064	0.071	0.078	0.085	0.094	0.103	0.111	0.120	0.129	0.139	0.149	0.158	0.169	-34
1160 motor	0.077	0.092	0.108	0.123	0.117	0.133	0.149	0.165	0.181	0.198	0.218	0.239	0.260	0.281	0.302	0.324	0.346	0.369	0.394	-27
1750 motor	0.264	0.317	0.370	0.422	0.400	0.457	0.513	0.567	0.623	0.679	0.749	0.820	0.892	0.964	1.036	1.111	1.188	1.268	1.352	-17
3600 motor	2.302	2.760	3.218	3.677	3.486	3.977	4.468	4.936	5.424	5.911	6.522	7.141	7.765	8.390	9.017	9.670	10.343	11.037	11.767	0

* 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 effects of duct end correction.

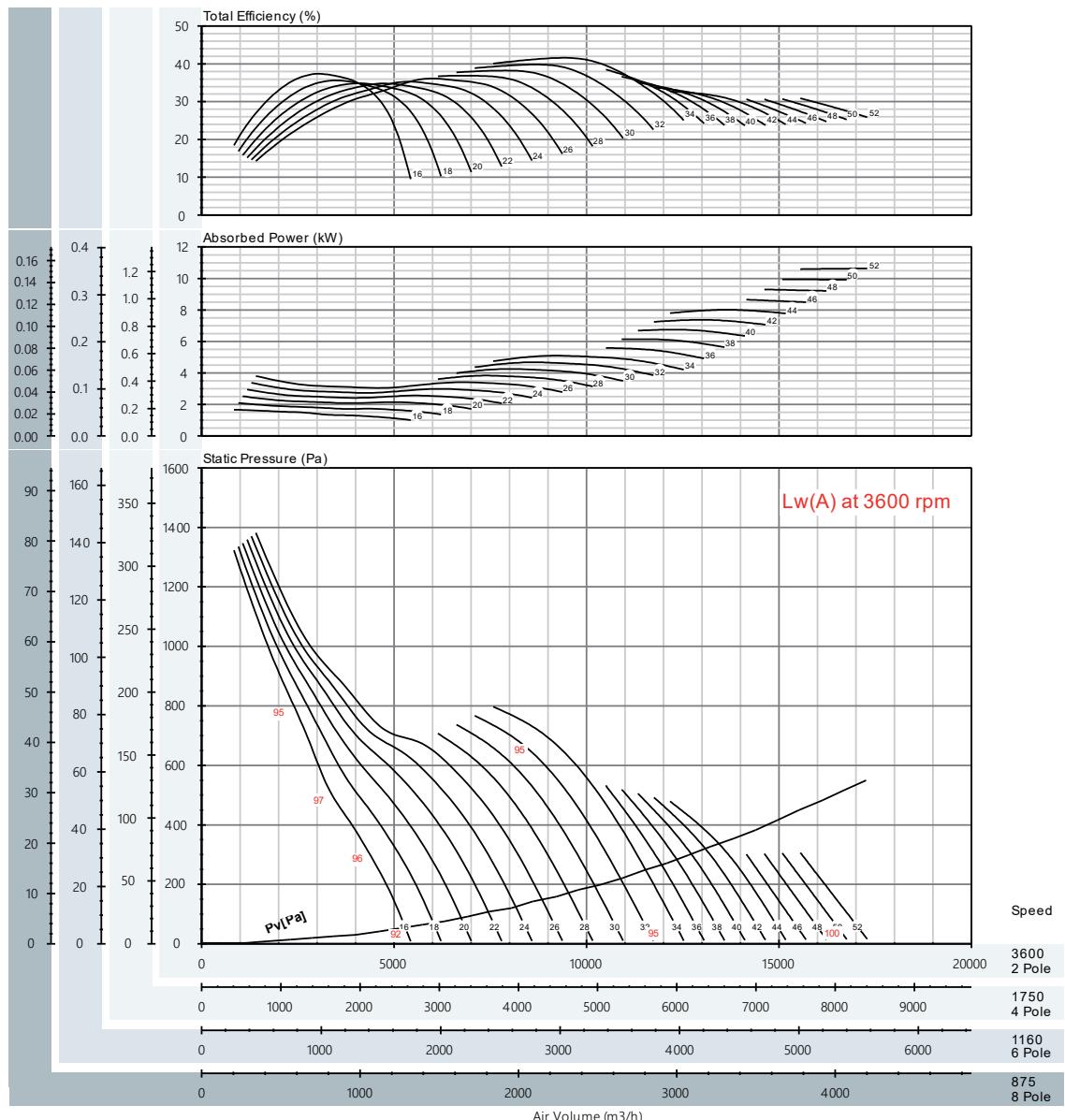
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.158m²

60Hz
TA-HP-450-240-12-9
p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.024 0.04	0.030 0.06	0.036 0.09	0.042 0.12	0.048 0.15	0.055 0.18	0.055 0.25	0.061 0.25	0.067 0.25	0.073 0.25	0.080 0.25	0.088 0.25	0.097 0.25	0.106 0.25	0.115 0.25	0.124 0.25	0.134 0.25	0.143 0.25	0.153 0.25	-34
1160 motor	0.056 0.06	0.070 0.09	0.084 0.12	0.099 0.15	0.113 0.18	0.127 0.18	0.128 0.18	0.142 0.25	0.156 0.25	0.170 0.25	0.187 0.25	0.206 0.25	0.226 0.25	0.247 0.25	0.268 0.25	0.290 0.25	0.311 0.25	0.333 0.25	0.356 0.25	-27
1750 motor	0.192 0.25	0.241 0.37	0.290 0.55	0.339 0.75	0.387 1.1	0.436 1.1	0.440 1.1	0.488 1.1	0.537 1.1	0.585 1.1	0.642 1.1	0.706 1.1	0.775 1.1	0.847 1.1	0.920 1.1	0.994 1.1	1.069 1.1	1.143 1.1	1.222 1.1	-17
3600 motor	1.669 2.2	2.095 3	2.521 4	2.947 5.5	3.373 7.5	3.799 7.5	3.829 7.5	4.250 7.5	4.673 7.5	5.095 7.5	5.585 7.5	6.147 7.5	6.749 7.5	7.374 7.5	8.012 11	8.657 11	9.303 11	9.948 11	10.640 11	0

* 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 effects of duct end correction.

PERFORMANCE

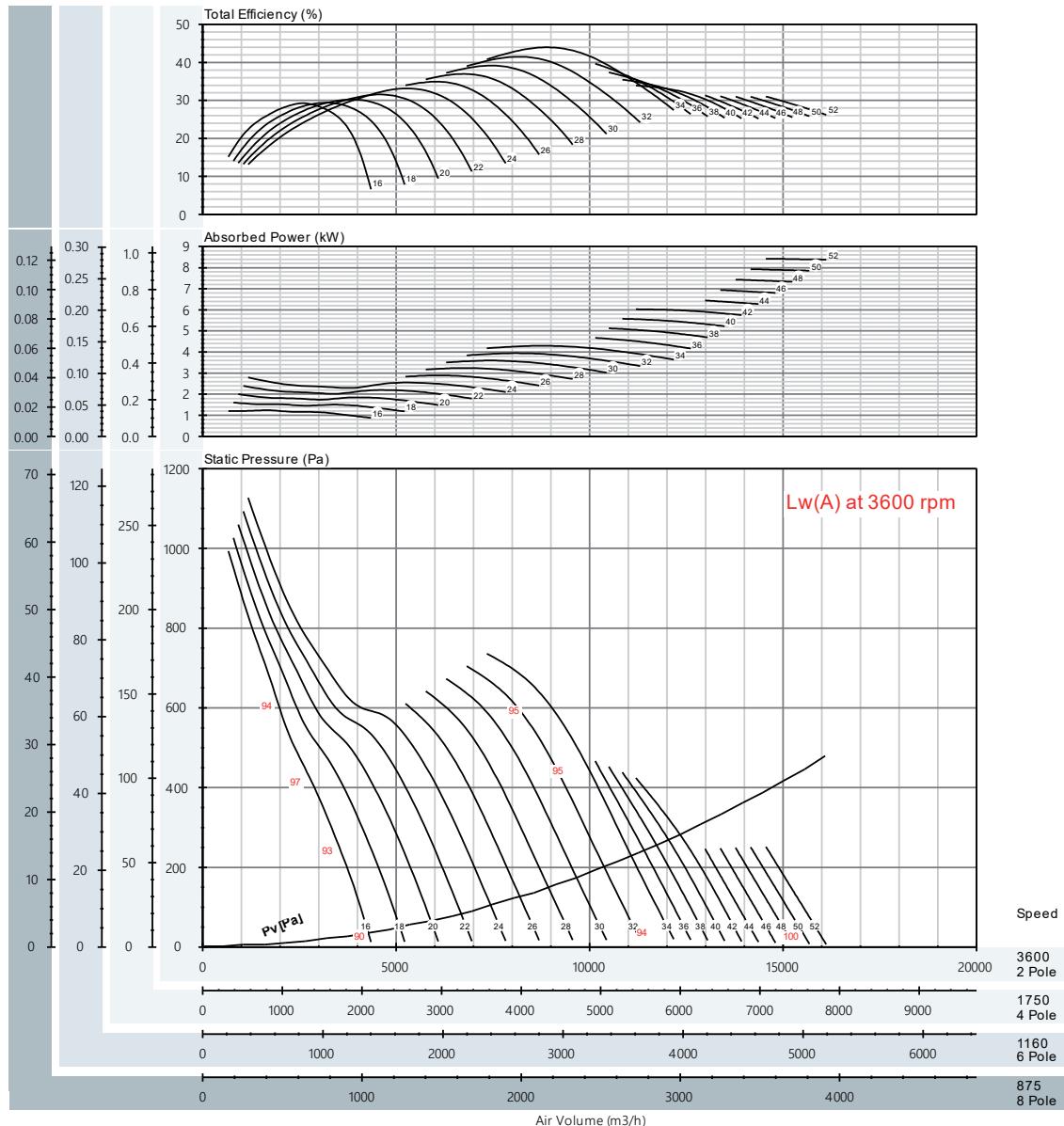
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.158m²

**60Hz
TA-HP-450-240-12-6**

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.018	0.023	0.029	0.034	0.040	0.042	0.047	0.052	0.057	0.062	0.067	0.074	0.080	0.087	0.093	0.100	0.107	0.114	0.121	-34
	0.04				0.06					0.09				0.12			0.18			
1160 motor	0.042	0.054	0.067	0.080	0.093	0.097	0.109	0.120	0.132	0.144	0.156	0.172	0.187	0.202	0.216	0.232	0.249	0.265	0.282	-27
	0.06		0.09		0.12				0.18					0.25			0.37			
1750 motor	0.143	0.184	0.230	0.275	0.321	0.333	0.373	0.413	0.453	0.493	0.537	0.589	0.641	0.693	0.741	0.797	0.854	0.911	0.968	-17
	0.18		0.25		0.37			0.55				0.75			1.1					
3600 motor	1.242	1.605	2.002	2.398	2.794	2.895	3.244	3.595	3.944	4.295	4.675	5.128	5.580	6.033	6.448	6.942	7.436	7.930	8.424	0
	1.5		2.2		3		4		5.5		7.5			7.5			11			

* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

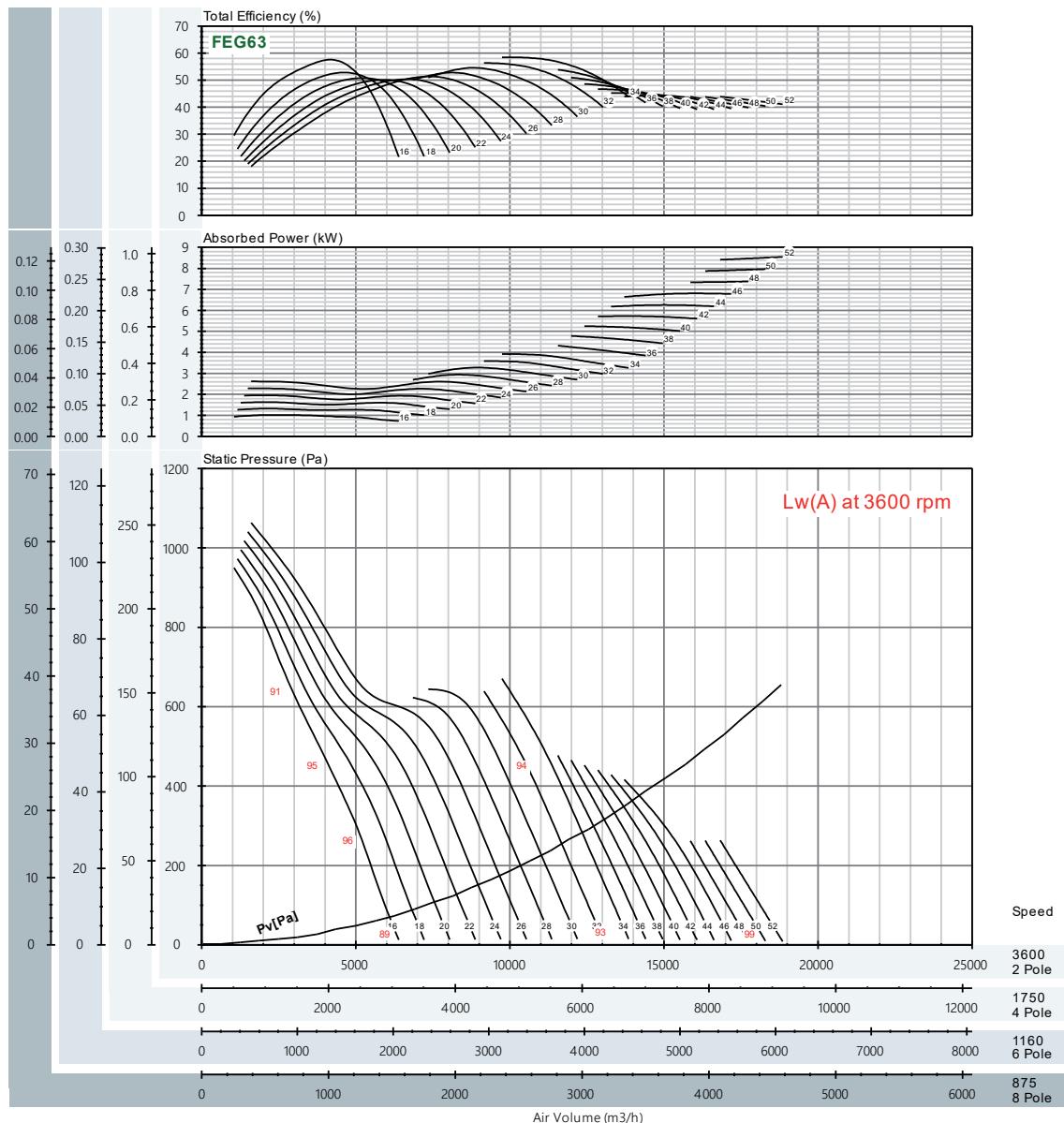
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Outlet Area-0.158m²

60Hz
TA-HP-450-150-6-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.015	0.019	0.024	0.028	0.033	0.038	0.042	0.047	0.052	0.056	0.062	0.069	0.075	0.082	0.090	0.098	0.106	0.114	0.123	-34
					0.04				0.06				0.09				0.12		0.18	
1160 motor	0.034	0.044	0.055	0.066	0.076	0.088	0.098	0.110	0.120	0.131	0.145	0.160	0.176	0.192	0.209	0.228	0.247	0.266	0.286	-27
	0.04	0.06			0.09			0.12			0.18				0.25		0.37			
1750 motor	0.118	0.152	0.188	0.225	0.262	0.301	0.338	0.376	0.412	0.450	0.496	0.550	0.603	0.658	0.719	0.782	0.847	0.914	0.982	-17
	0.12	0.18	0.25		0.37				0.55			0.75				1.1				
3600 motor	1.023	1.323	1.637	1.959	2.285	2.619	2.940	3.275	3.589	3.921	4.321	4.785	5.250	5.729	6.259	6.810	7.371	7.958	8.545	0
	1.1	1.5	2.2		3			4		5.5			7.5			11				

* 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 effects of duct end correction.

PERFORMANCE

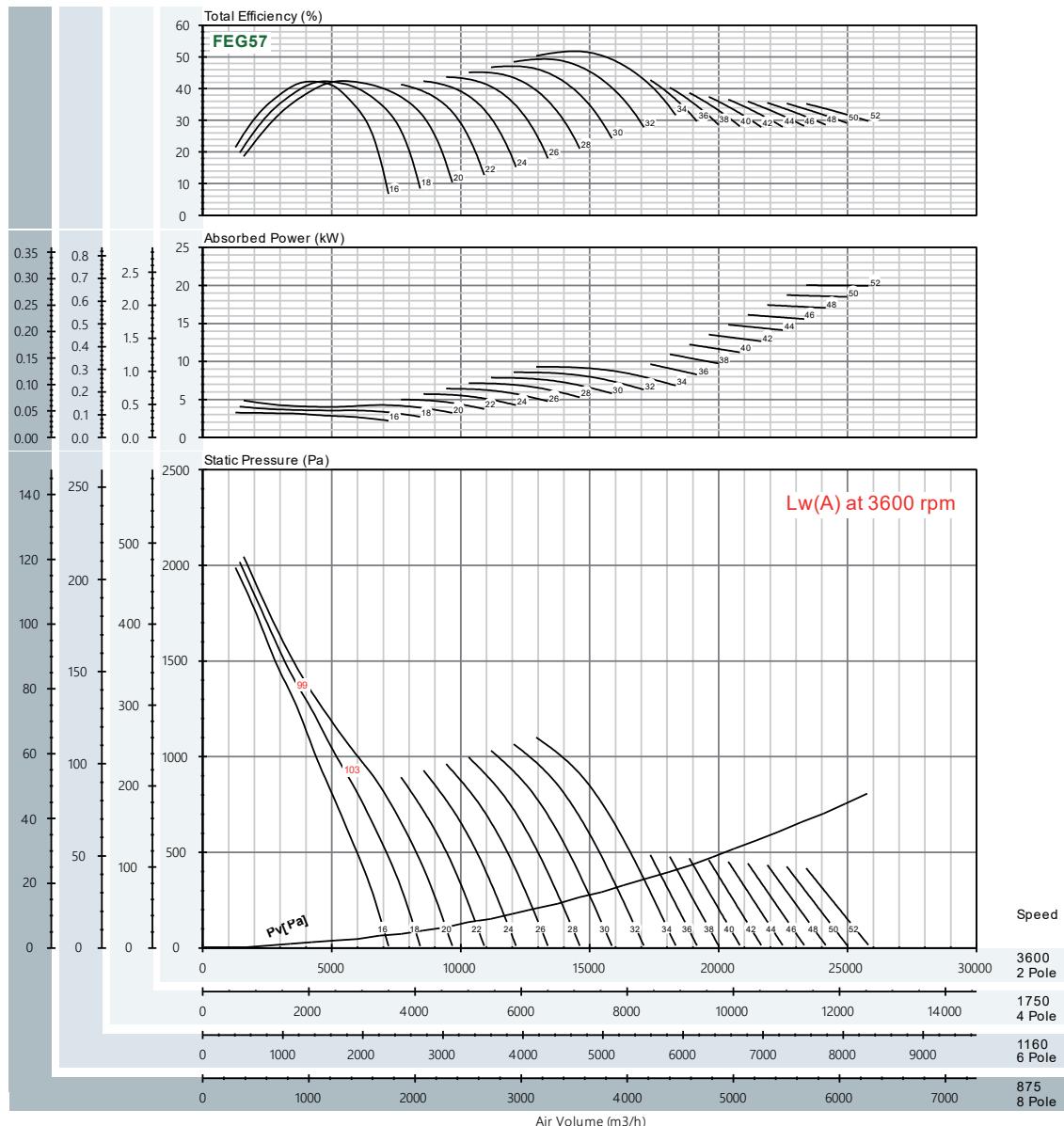
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.195m²

60Hz
TA-HP-500-240-12-12

p = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.047 0.06	0.058 0.09	0.070 0.12	0.072 0.15	0.082 0.239	0.092 0.263	0.103 0.287	0.113 0.311	0.123 0.323	0.134 0.366	0.138 0.410	0.157 0.453	0.176 0.496	0.194 0.540	0.213 0.583	0.232 0.627	0.250 0.670	0.269 0.75	0.288 0.37	-34
1160 motor	0.109 0.12	0.136 0.18	0.163 0.25	0.167 0.37	0.191 0.55	0.215 0.75	0.239 1.1	0.263 1.5	0.287 2.2	0.311 3	0.323 0.55	0.366 0.75	0.410 0.583	0.453 0.627	0.496 0.75	0.540 0.875	0.583 0.875	0.627 0.875	0.670 0.875	-27
1750 motor	0.55		0.75		1.1		1.5		2.2		2.2		2.2		2.2		2.2		-17	
3600 motor	3.264 4	4.061 5.5	4.858 7.5	4.987 11	5.707 8.585	6.426 9.304	7.146 9.643	7.865 9.643	8.585 10.942	9.304 12.241	9.643 13.541	10.942 14.840	12.241 16.139	13.541 17.438	14.840 18.737	16.139 20.037	17.438 22	18.737 22	20.037 22	0

* 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 effects of duct end correction.

PERFORMANCE

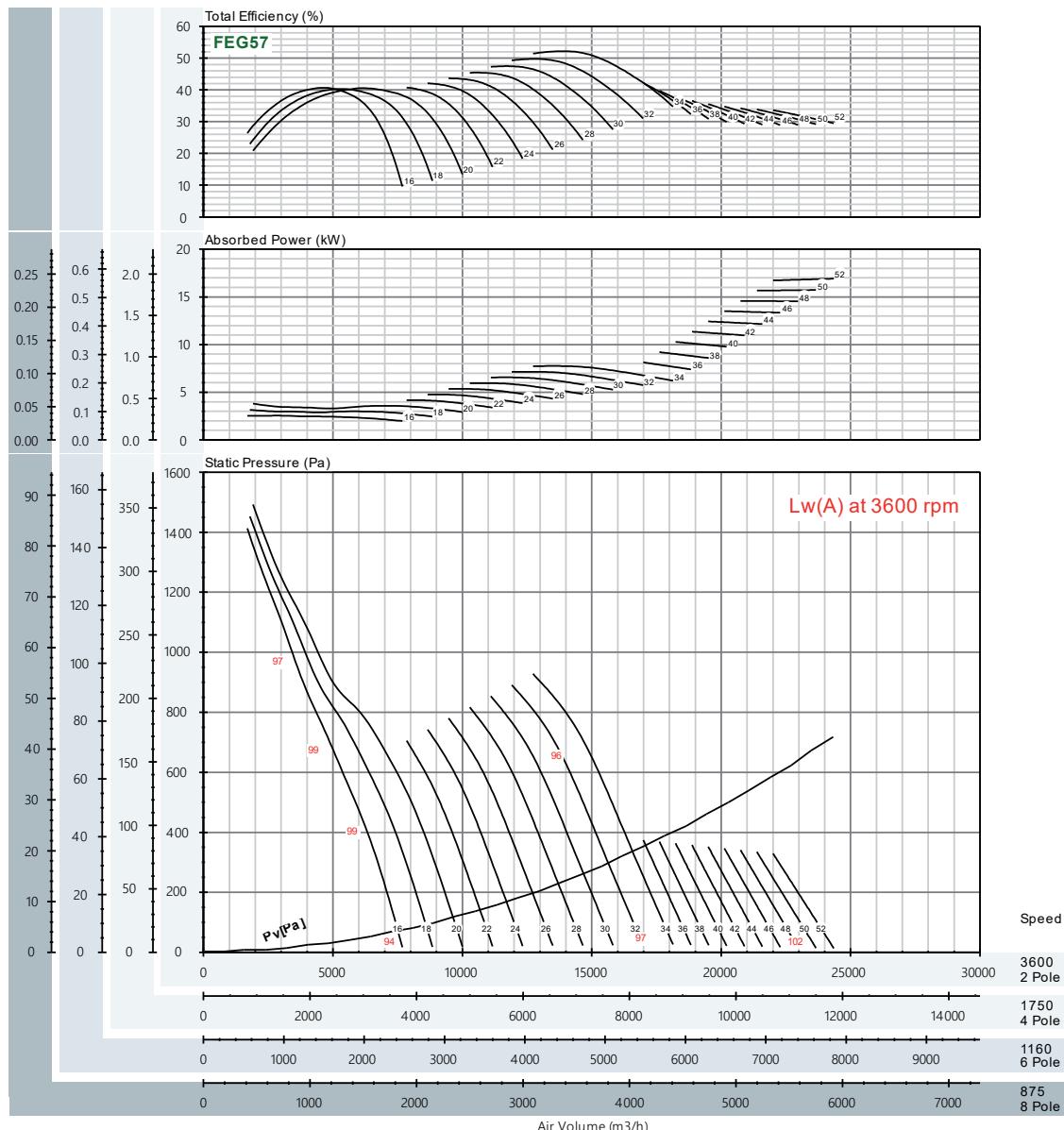
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.195m²

60Hz
TA-HP-500-240-12-9

p = 1.2kg/m3

AXIAL FLOW FAN

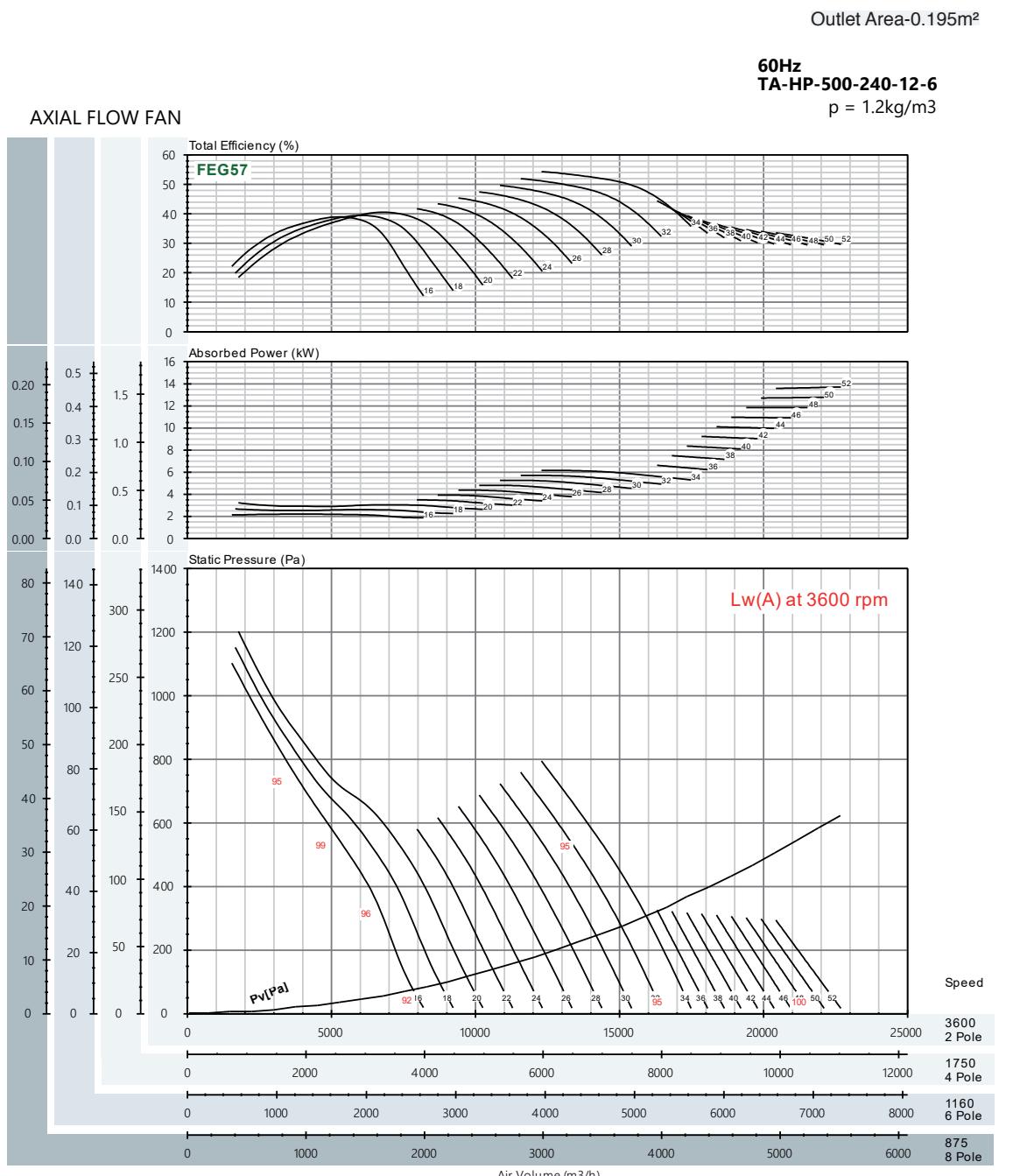


Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)					
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°		
875 motor	0.036 0.04	0.045 0.06	0.055 0.09	0.060 0.12	0.068 0.25	0.077 0.37	0.086 0.55	0.094 0.75	0.103 1.1	0.111 1.1	0.117 1.1	0.132 1.5	0.148 1.5	0.163 2.2	0.179 2.2	0.194 2.2	0.209 2.2	0.226 2.2	0.243 2.2	-34	
1160 motor	0.085 0.09	0.106 0.12	0.127 0.18	0.140 0.25	0.160 0.37	0.179 0.55	0.199 0.75	0.219 0.91	0.239 0.934	0.260 1.058	0.272 1.182	0.308 1.305	0.344 1.429	0.380 1.552	0.416 1.676	0.452 1.807	0.488 1.944	0.526 1.944	0.566 1.944	0.75	-27
1750 motor	0.292 0.37	0.363 0.55	0.437 0.75	0.479 0.91	0.548 1.1	0.616 1.1	0.685 1.1	0.753 1.1	0.822 1.1	0.891 1.1	0.934 1.1	1.058 1.1	1.182 1.5	1.305 1.5	1.429 2.2	1.552 2.2	1.676 2.2	1.807 2.2	1.944 2.2	-17	
3600 motor	2.542 3	3.158 4	3.801 5.5	4.174 7.5	4.768 7.5	5.362 11	5.960 11	6.558 11	7.158 11	7.757 11	8.135 11	9.210 15	10.286 15	11.361 15	12.437 18.5	13.512 18.5	14.588 18.5	15.730 18.5	16.920 18.5	0	0

* 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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.032 0.04	0.038 0.06	0.046 0.09	0.050 0.12	0.056 0.18	0.063 0.25	0.069 0.37	0.076 0.75	0.082 0.75	0.088 1.1	0.095 1.1	0.108 1.5	0.120 1.5	0.133 2.2	0.145 2.2	0.158 2.2	0.170 2.2	0.183 2.2	0.197 2.2	-34
1160 motor	0.074 0.09	0.090 0.12	0.108 0.18	0.117 0.25	0.132 0.37	0.146 0.55	0.161 0.75	0.176 0.75	0.191 0.75	0.206 0.75	0.222 0.75	0.251 0.75	0.280 0.75	0.309 0.75	0.338 0.75	0.367 0.75	0.396 0.75	0.427 0.75	0.459 0.75	-27
1750 motor	0.255 0.37	0.308 0.55	0.370 0.55	0.401 0.55	0.452 0.55	0.503 0.55	0.554 0.55	0.605 0.75	0.656 0.75	0.707 0.75	0.761 0.75	0.861 0.75	0.961 0.75	1.061 0.75	1.161 0.75	1.261 0.75	1.361 0.75	1.468 0.75	1.575 0.75	-17
3600 motor	2.218 3	2.677 4	3.222 5.5	3.491 5.5	3.934 7.5	4.377 7.5	4.820 7.5	5.265 7.5	5.710 7.5	6.155 7.5	6.629 7.5	7.499 11	8.368 11	9.237 11	10.107 11	10.976 11	11.845 11	12.777 15	13.711 15	0

* 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 effects of duct end correction.

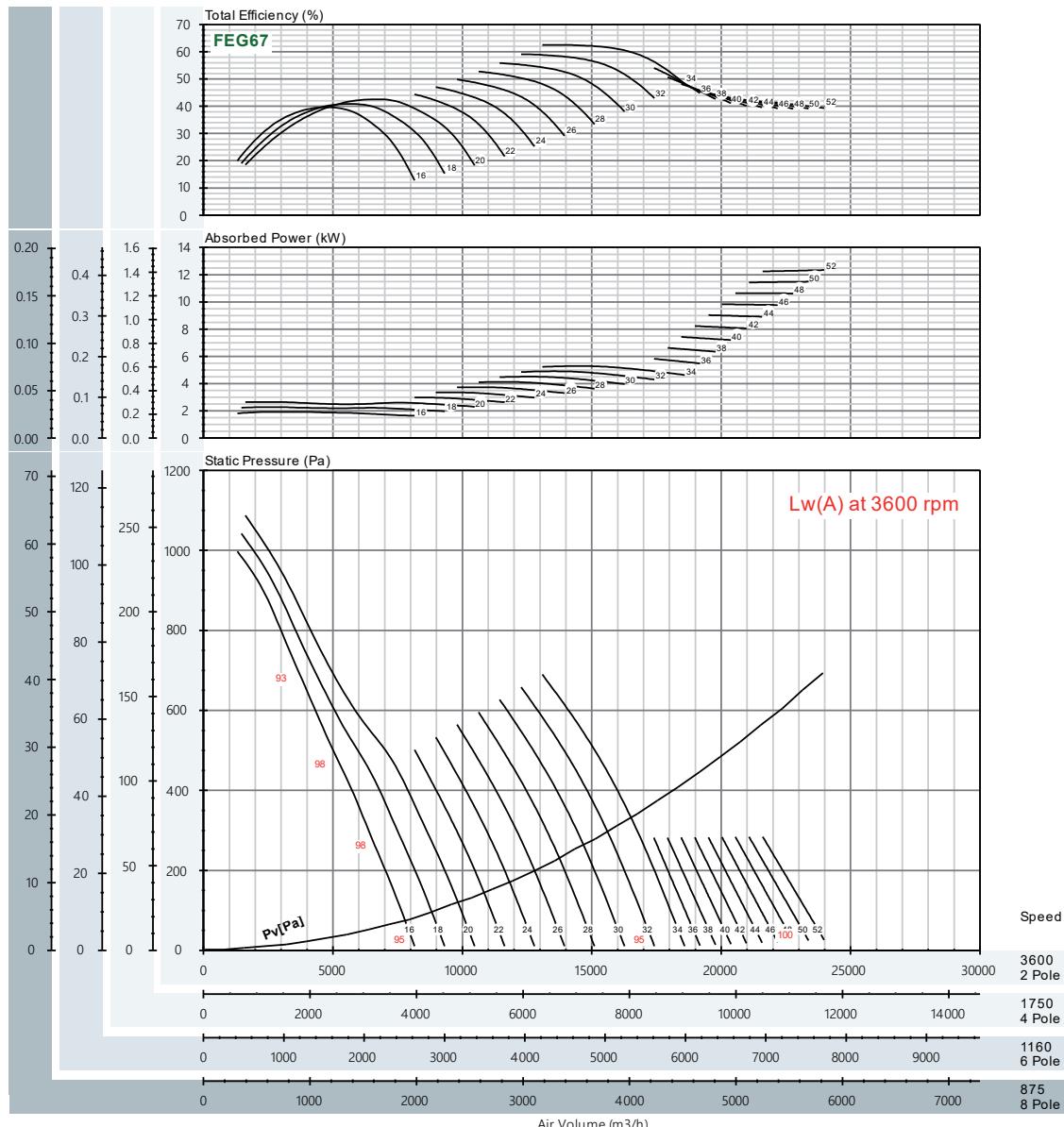
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.195m²

60Hz
TA-HP-500-150-6-6
p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.028	0.033	0.038	0.043	0.048	0.054	0.059	0.065	0.070	0.076	0.084	0.095	0.107	0.118	0.130	0.141	0.153	0.165	0.177	-34
1160 motor	0.064	0.076	0.089	0.099	0.112	0.125	0.138	0.151	0.164	0.177	0.195	0.222	0.249	0.275	0.302	0.329	0.356	0.384	0.413	-27
1750 motor	0.221	0.261	0.305	0.342	0.385	0.430	0.474	0.519	0.563	0.608	0.669	0.761	0.853	0.945	1.038	1.130	1.222	1.319	1.418	-17
3600 motor	1.921	2.275	2.651	2.973	3.355	3.741	4.128	4.516	4.904	5.293	5.826	6.628	7.430	8.231	9.033	9.835	10.637	11.485	12.342	0
	2.2	3	4		5.5		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 LwA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

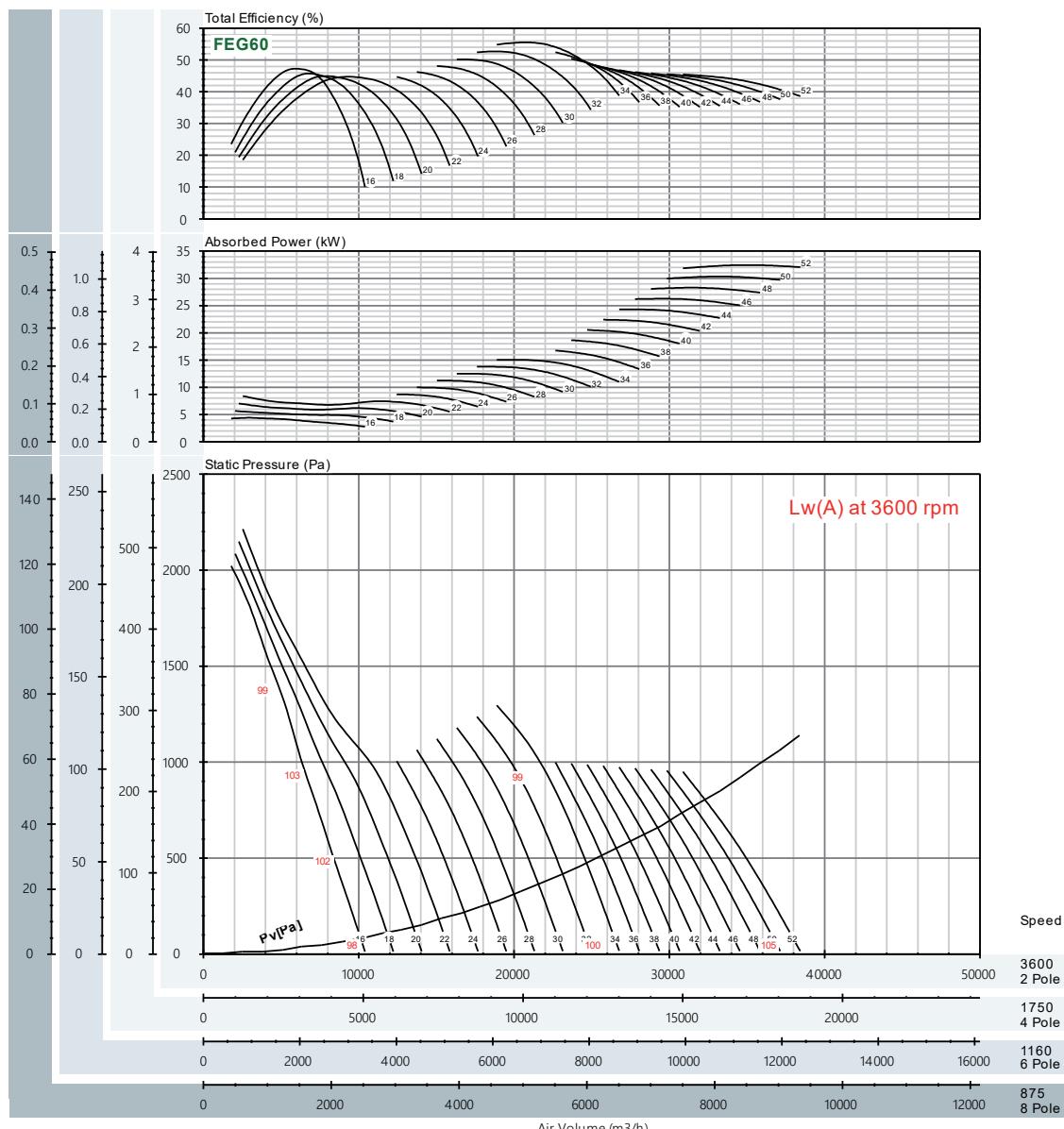
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.246m²

60Hz
TA-HP-560-240-12-12
p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.063 0.09	0.081 0.12	0.101 0.125	0.121 0.18	0.125 0.25	0.143 0.37	0.161 0.55	0.180 0.75	0.198 0.75	0.216 0.37	0.241 0.55	0.268 1.1	0.295 3.018	0.322 3.250	0.349 3.487	0.377 3.728	0.406 4	0.436 4	0.466 4	-34
1160 motor	0.147 0.18	0.189 0.25	0.235 0.37	0.281 1.1	0.291 1.5	0.334 1.5	0.376 2.2	0.419 2.2	0.461 3	0.504 3	0.561 3	0.624 3	0.687 3	0.750 3	0.813 3	0.879 3	0.947 3	1.016 3	1.086 3	-27
1750 motor	0.505 0.55	0.649 0.75	0.807 1.1	0.965 1.5	1.001 1.5	1.146 2.2	1.292 2.2	1.438 2.2	1.584 2.2	1.731 2.2	1.927 2.2	2.143 3	2.360 3	2.576 3	2.793 3	3.018 3	3.250 3	3.487 3	3.728 3	-17
3600 motor	4.393 5.5	5.649 7.5	7.024 11	8.399 15	8.711 18.5	9.979 22	11.247 30	12.515 30	13.789 37	15.067 37	16.773 37	18.659 37	20.544 37	22.429 37	24.316 37	26.276 37	28.294 37	30.355 37	32.456 37	0

* 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 effects of duct end correction.

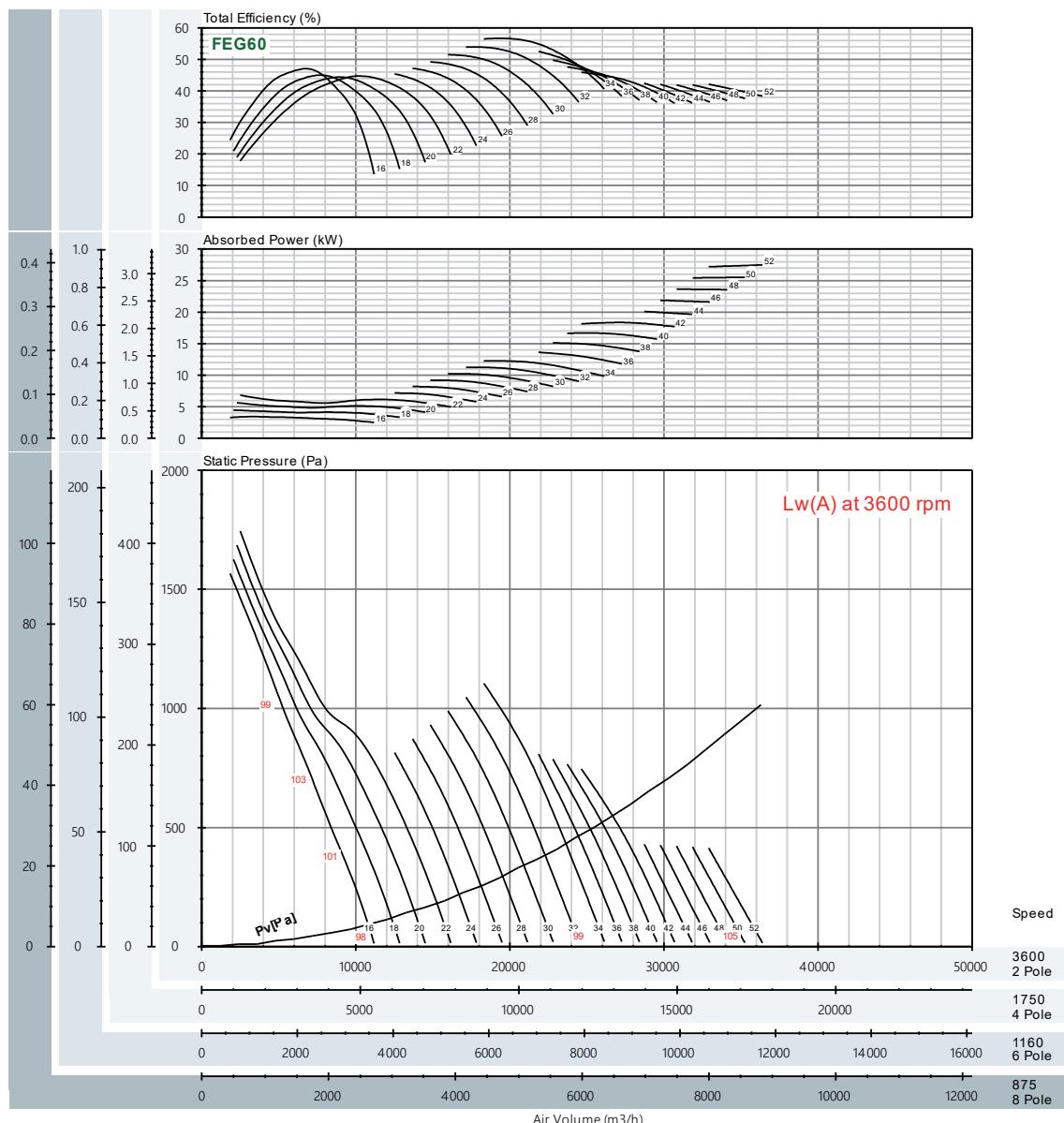
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.246m²

60Hz
TA-HP-560-240-12-9
ρ = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.049	0.064	0.081	0.098	0.103	0.118	0.132	0.147	0.162	0.176	0.196	0.217	0.239	0.264	0.289	0.314	0.340	0.367	0.395
	0.06	0.09		0.12			0.18			0.25				0.37			0.55		-34
1160 motor	0.115	0.149	0.188	0.228	0.240	0.274	0.308	0.342	0.377	0.411	0.456	0.506	0.558	0.614	0.673	0.732	0.791	0.854	0.920
	0.12	0.18		0.25			0.37		0.55				0.75			1.1			-27
1750 motor	0.394	0.512	0.647	0.782	0.824	0.941	1.059	1.176	1.293	1.411	1.566	1.739	1.916	2.109	2.310	2.514	2.717	2.933	3.158
	0.55	0.75		1.1			1.5			2.2			3		4				-17
3600 motor	3.428	4.457	5.632	6.807	7.170	8.192	9.215	10.237	11.260	12.283	13.630	15.136	16.677	18.362	20.112	21.885	23.657	25.534	27.495
	4	5.5		7.5			11		15		18.5		22		30				0

* 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 effects of duct end correction.

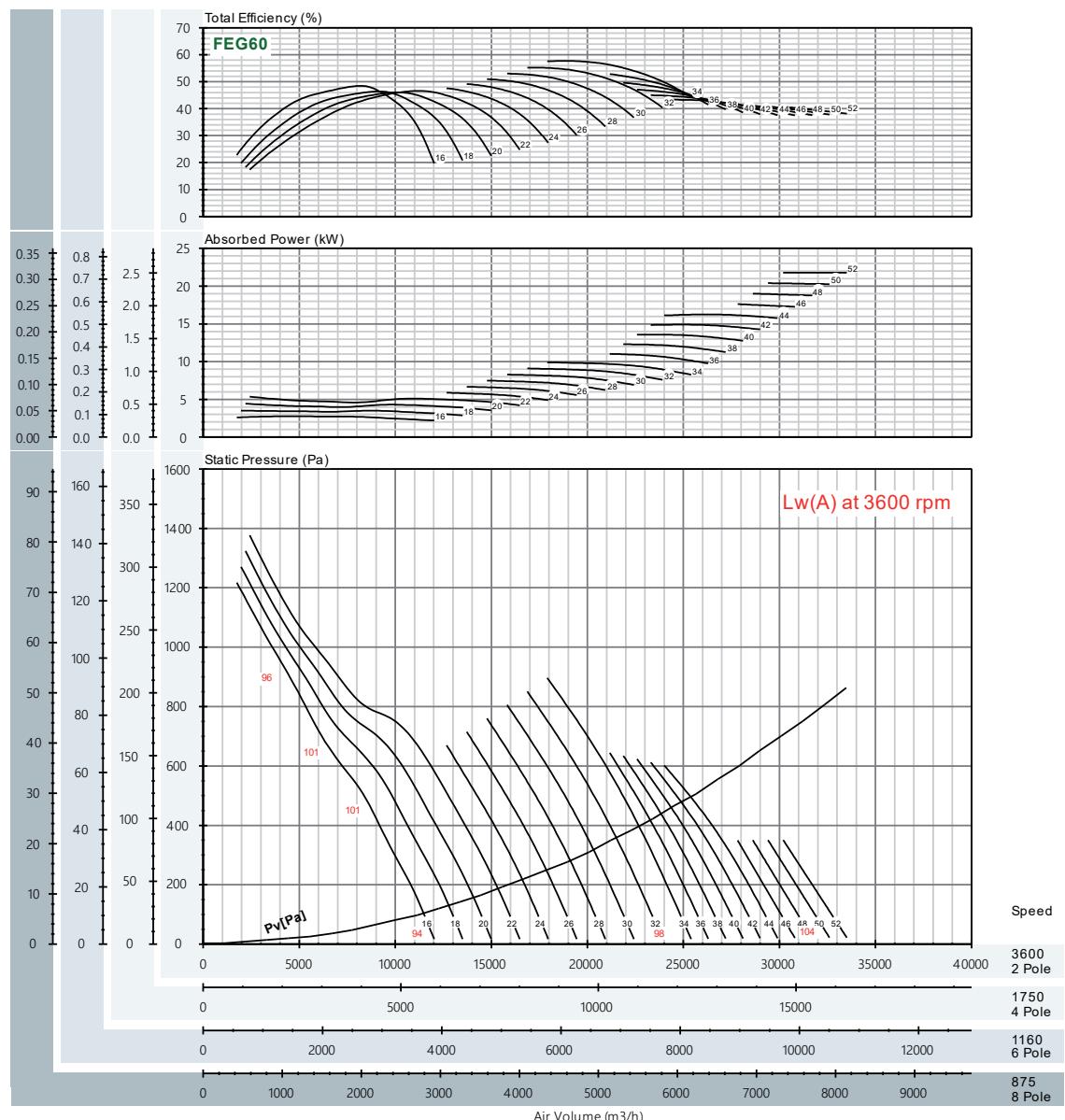
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.246m²

60Hz
TA-HP-560-240-12-6
 $p = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																LwA dB(A)			
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.040	0.050	0.064	0.077	0.084	0.096	0.107	0.119	0.131	0.142	0.158	0.177	0.195	0.214	0.233	0.253	0.273	0.293	0.313	-34
1160 motor	0.092	0.118	0.148	0.179	0.196	0.223	0.250	0.277	0.304	0.331	0.369	0.412	0.454	0.499	0.544	0.590	0.636	0.683	0.729	-27
1750 motor	0.317	0.404	0.509	0.614	0.675	0.767	0.859	0.952	1.044	1.137	1.266	1.413	1.560	1.712	1.867	2.024	2.184	2.344	2.504	-17
3600 motor	2.762	3.516	4.432	5.348	5.873	6.678	7.482	8.287	9.092	9.897	11.025	12.300	13.581	14.905	16.256	17.622	19.013	20.404	21.795	0

* 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 effects of duct end correction.

PERFORMANCE

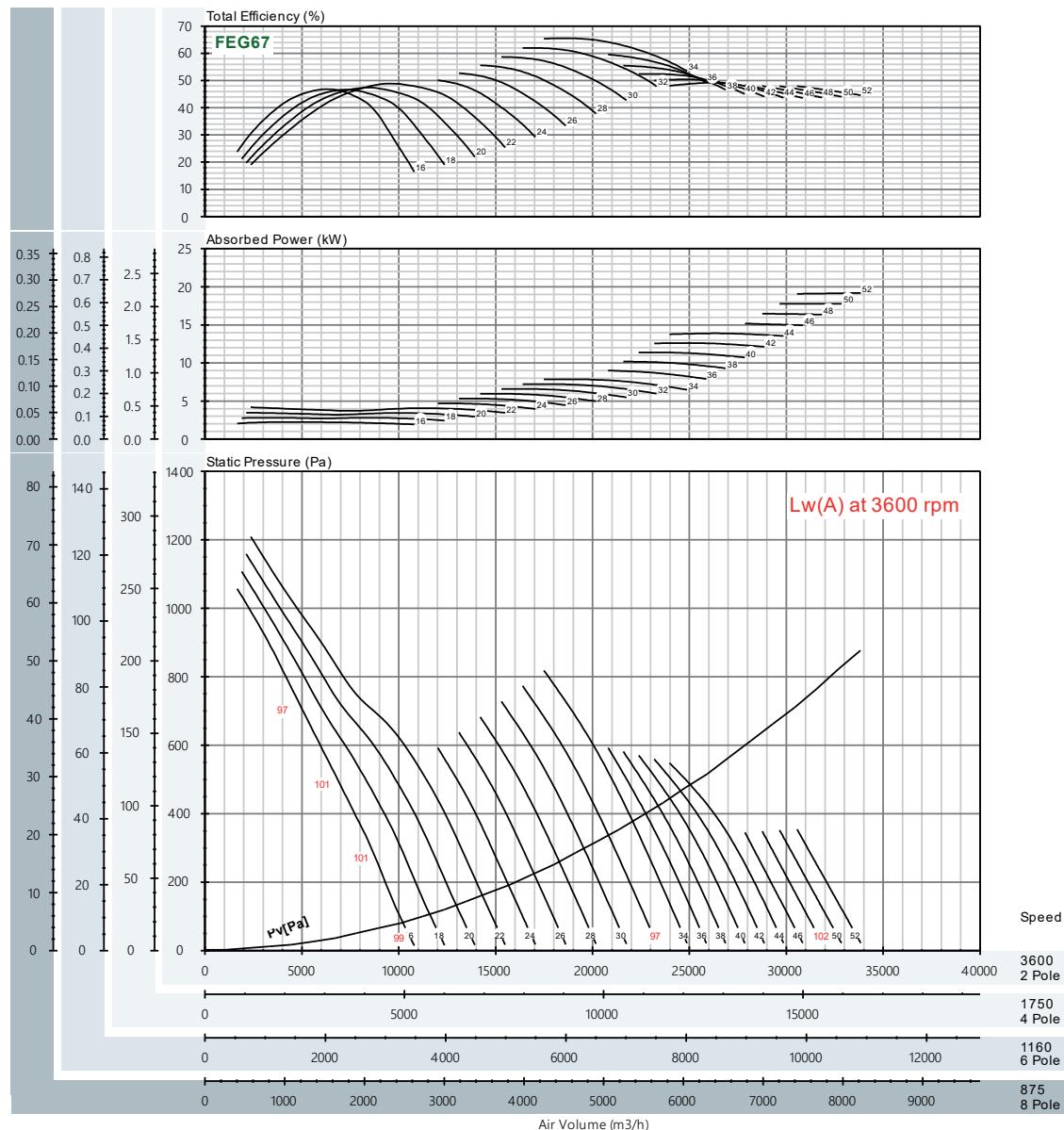
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.246m²

60Hz
TA-HP-560-150-6-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.032	0.040	0.050	0.060	0.067	0.076	0.085	0.095	0.104	0.113	0.129	0.146	0.163	0.181	0.199	0.218	0.237	0.255	0.276	-34
1160 motor	0.075	0.094	0.116	0.140	0.157	0.178	0.199	0.220	0.242	0.263	0.301	0.341	0.381	0.422	0.464	0.508	0.551	0.595	0.642	-27
1750 motor	0.257	0.321	0.399	0.481	0.539	0.611	0.684	0.756	0.829	0.902	1.034	1.171	1.308	1.449	1.595	1.743	1.892	2.042	2.205	-17
3600 motor	2.238	2.797	3.472	4.183	4.688	5.319	5.951	6.586	7.220	7.855	9.002	10.193	11.385	12.617	13.884	15.174	16.475	17.780	19.192	0
	3	4	5.5		7.5		11		15		18.5		22							

* 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 effects of duct end correction.

PERFORMANCE

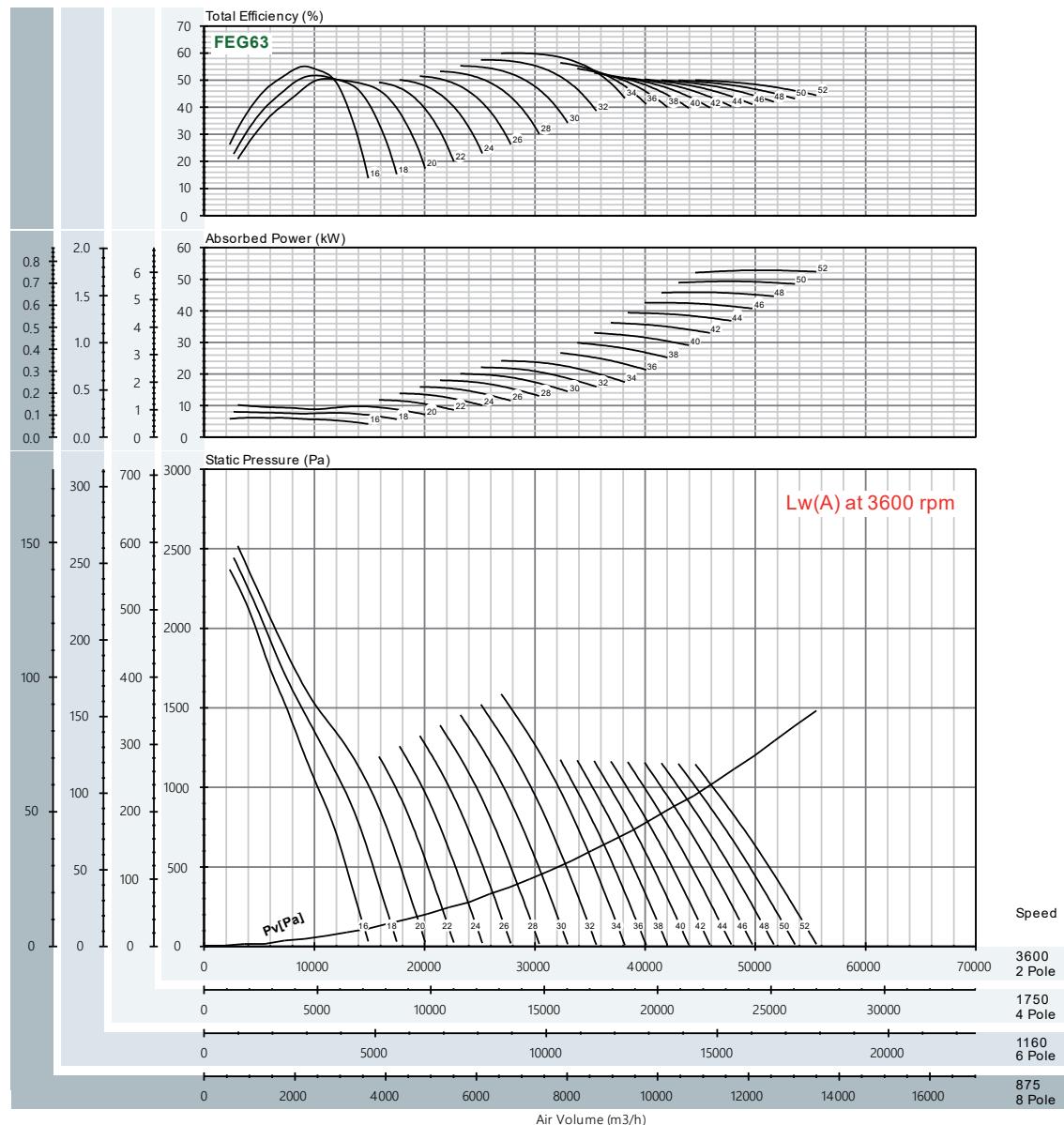
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.311m²

60Hz
TA-HP-630-240-12-12

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.088 0.09	0.115 0.12	0.147 0.18	0.169 0.25	0.199 0.37	0.229 0.55	0.258 0.75	0.288 1.1	0.318 1.3	0.347 1.5	0.383 1.5	0.429 1.5	0.474 1.5	0.520 1.5	0.566 1.5	0.611 1.5	0.659 1.5	0.708 1.5	0.759 1.1	-34
1160 motor	0.206 0.25	0.268 0.37	0.342 0.55	0.395 0.75	0.464 1.1	0.533 1.3	0.602 1.5	0.671 1.7	0.740 1.9	0.809 2.1	0.893 2.3	0.999 2.5	1.106 2.7	1.212 2.9	1.318 3.1	1.424 3.4	1.536 3.7	1.651 4.1	1.769 4.6	-27
1750 motor	0.708 0.75	0.920 1.1	1.174 1.5	1.355 2.2	1.593 3	1.830 4	2.067 5.5	2.304 5.5	2.542 7.5	2.779 7.5	3.066 7.5	3.431 7.5	3.796 7.5	4.161 7.5	4.526 7.5	4.890 7.5	5.272 7.5	5.668 7.5	6.073 7.5	-17
3600 motor	6.162 7.5	8.013 11	10.219 15	11.798 15	13.864 15														0	

* 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 effects of duct end correction.

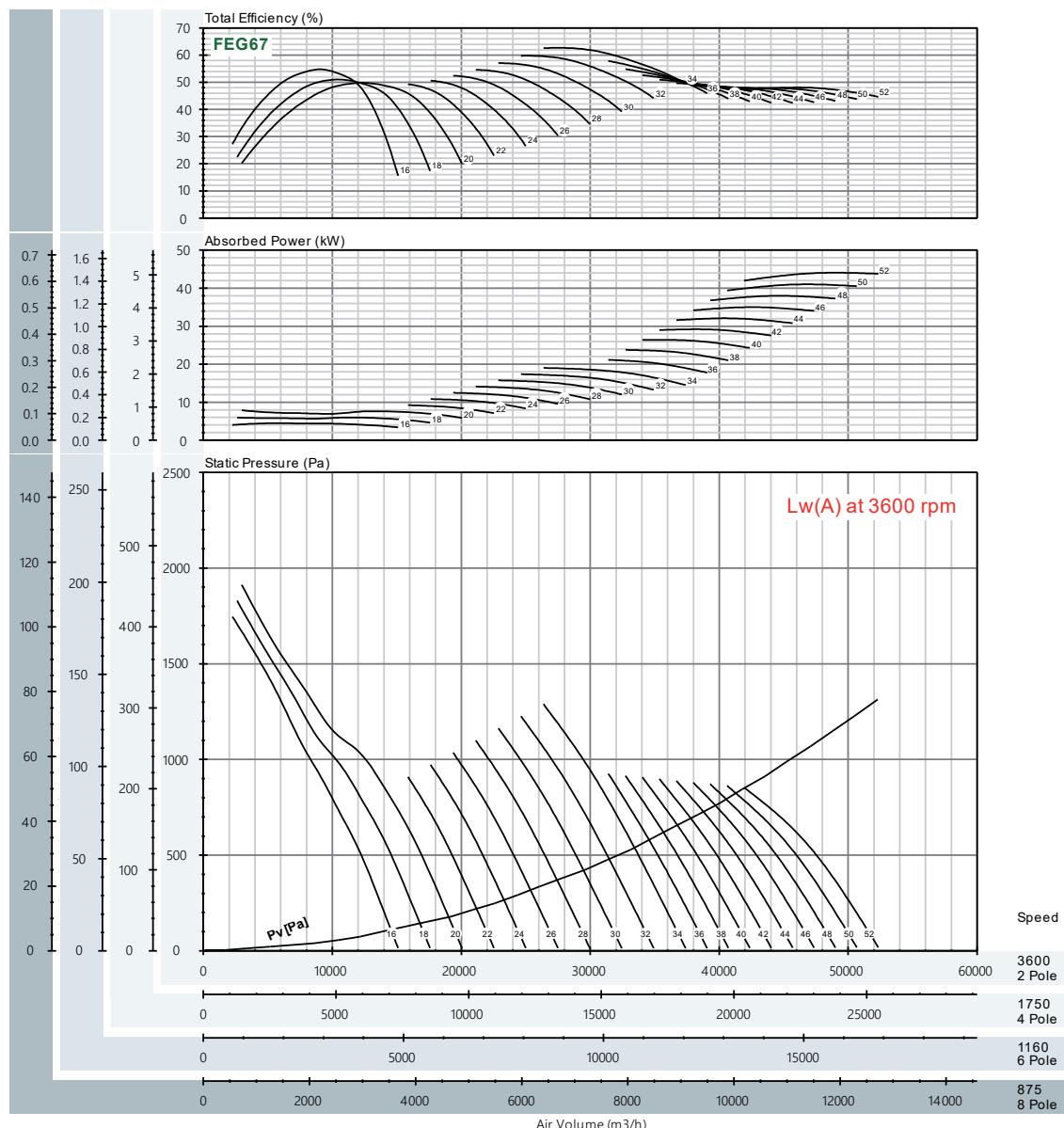
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.311m²

60Hz
TA-HP-630-240-12-9
ρ = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.064 0.09	0.086 0.12	0.113 0.18	0.132 0.25	0.156 0.37	0.179 0.55	0.203 0.75	0.226 0.75	0.250 1.1	0.273 1.1	0.304 1.1	0.341 1.1	0.379 1.1	0.419 1.1	0.461 1.1	0.503 1.1	0.546 1.1	0.589 1.5	0.633 1.5	-34
1160 motor	0.149 0.18	0.200 0.25	0.262 0.37	0.308 0.55	0.363 0.75	0.418 0.75	0.472 0.75	0.527 0.75	0.582 0.75	0.637 0.75	0.708 0.75	0.795 0.75	0.883 0.75	0.977 0.75	1.073 0.75	1.172 0.75	1.271 1.5	1.372 1.5	1.475 1.5	-27
1750 motor	0.512 0.55	0.687 0.75	0.901 1.1	1.058 1.5	1.246 2.2	1.434 3	1.622 3	1.810 4	1.998 4	2.186 5.5	2.430 5.5	2.730 5.5	3.033 5.5	3.354 5.5	3.685 5.5	4.023 5.5	4.365 5.5	4.712 5.5	5.063 5.5	-17
3600 motor	4.459 5.5	5.978 7.5	7.840 11	9.209 15	10.846 15	12.483 15	14.120 15												0	

* 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 effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

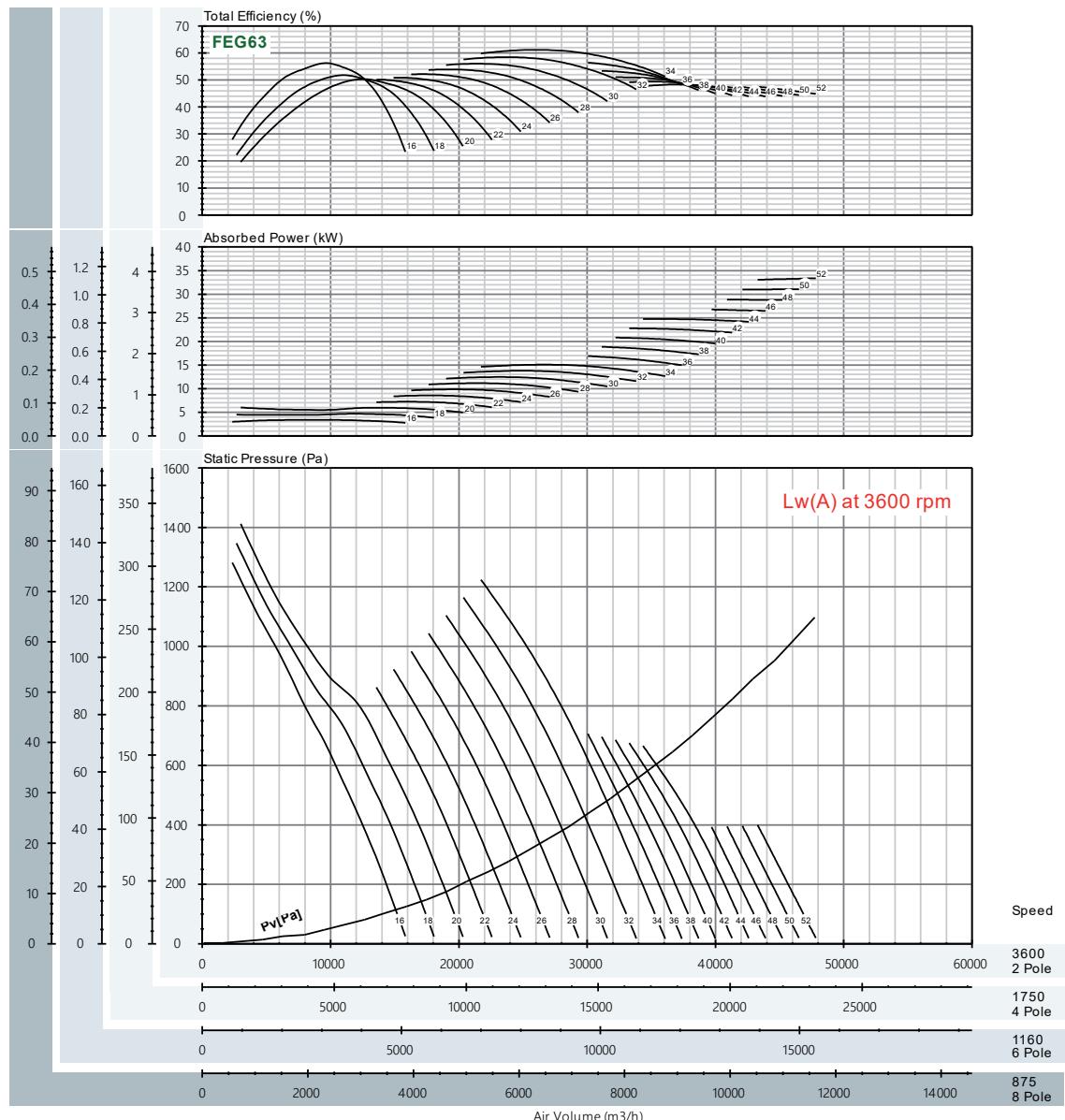
Outlet Area-0.311m²

60Hz

TA-HP-630-240-12-6

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.049	0.067	0.086	0.104	0.123	0.142	0.160	0.179	0.198	0.217	0.243	0.271	0.299	0.327	0.355	0.384	0.414	0.446	0.479	-34
1160 motor	0.114	0.156	0.201	0.243	0.286	0.330	0.374	0.417	0.461	0.505	0.566	0.631	0.697	0.762	0.828	0.895	0.966	1.040	1.117	-27
1750 motor	0.391	0.537	0.689	0.833	0.983	1.133	1.283	1.433	1.584	1.734	1.943	2.168	2.393	2.617	2.842	3.073	3.316	3.570	3.834	-17
3600 motor	3.402	4.676	6.000	7.254	8.558	9.863	11.170	12.478	13.787											0

* 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 effects of duct end correction.

PERFORMANCE

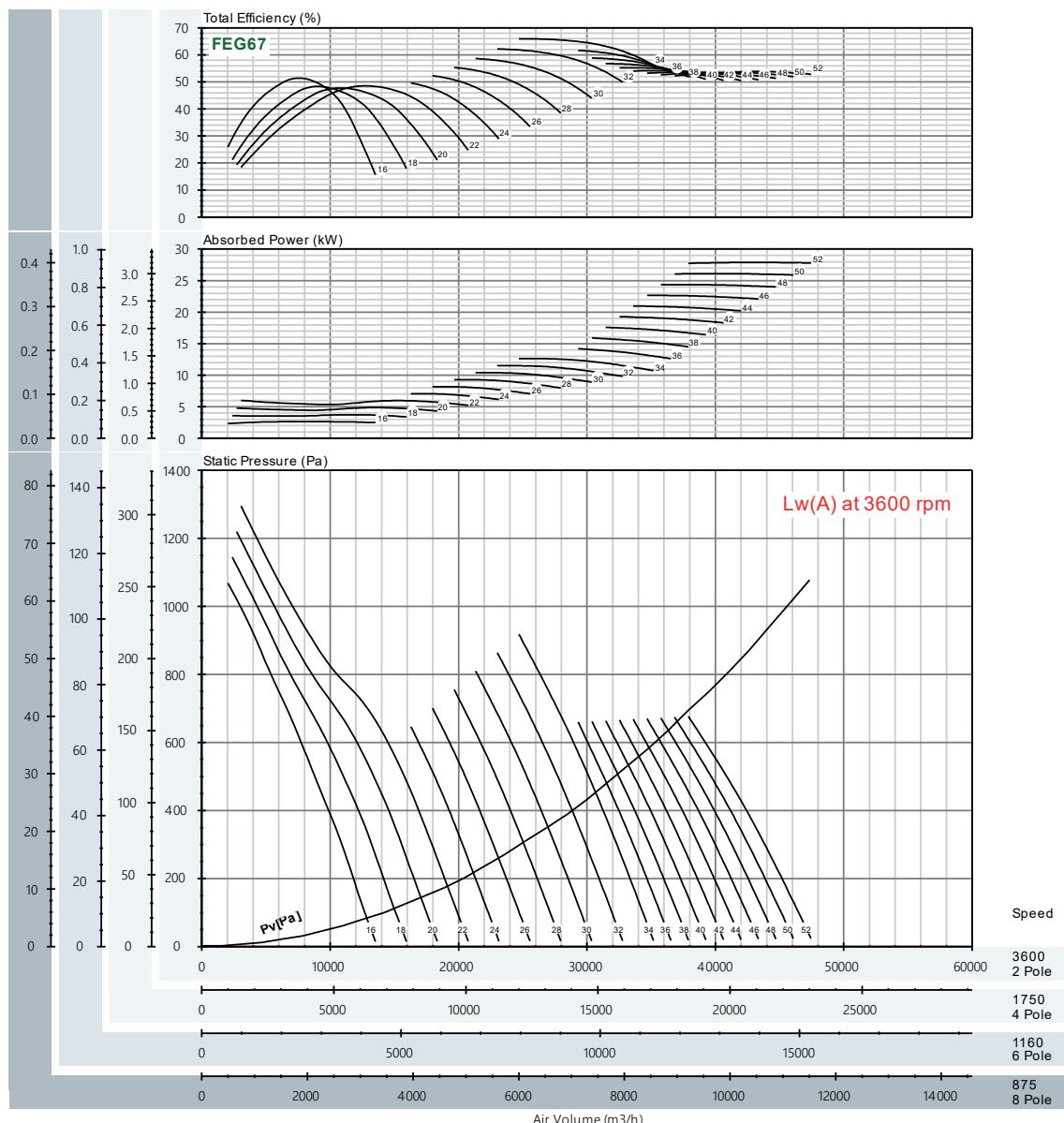
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.311m²

60Hz
TA-HP-630-150-6-6

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

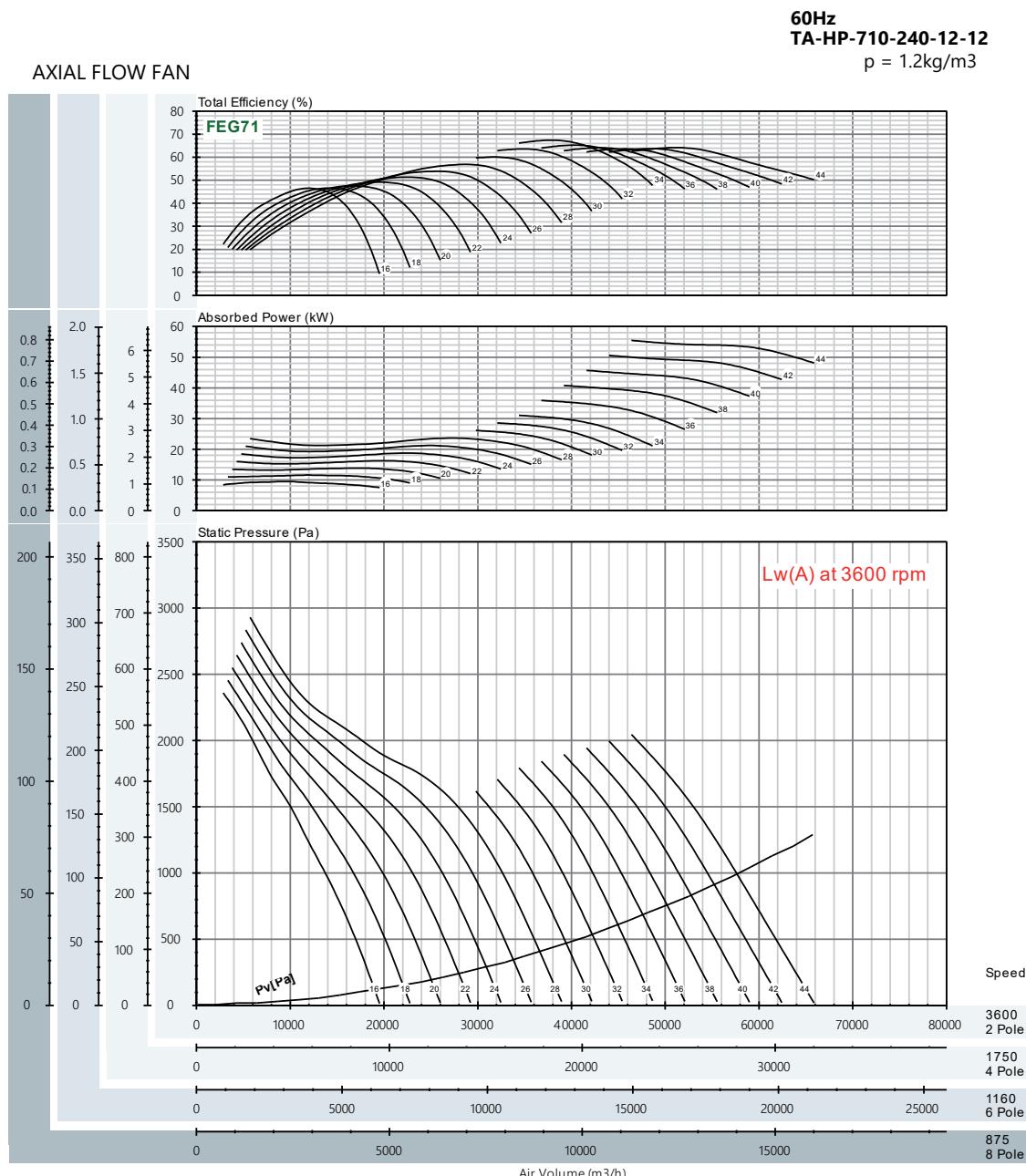
N(rpm)	Blade Pitch Angle [°]																		L_{WA} dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.038	0.054	0.070	0.086	0.101	0.117	0.133	0.149	0.165	0.181	0.204	0.228	0.253	0.277	0.301	0.326	0.350	0.375	0.401	-34
	0.04	0.06	0.09		0.12		0.18			0.25				0.37			0.55			
1160 motor	0.088	0.125	0.162	0.201	0.236	0.274	0.311	0.348	0.385	0.423	0.475	0.532	0.589	0.645	0.702	0.759	0.815	0.874	0.933	-27
	0.09	0.18		0.25		0.37			0.55				0.75			1.1				
1750 motor	0.303	0.428	0.557	0.690	0.812	0.940	1.067	1.195	1.323	1.451	1.632	1.827	2.021	2.215	2.410	2.605	2.800	3.000	3.205	-17
	0.37	0.55	0.75		1.1			1.5		2.2			3		4					
3600 motor	2.634	3.728	4.848	6.003	7.066	8.179	9.293	10.406	11.520	12.633	14.208								0	0
	3	4	5.5		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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)			
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	
875 motor	0.136	0.166	0.199	0.234	0.269	0.304	0.340	0.375	0.410	0.445	0.516	0.586	0.656	0.726	0.796	-34
	0.18		0.25		0.37			0.55			0.75		1.1			
1160 motor	0.317	0.386	0.463	0.545	0.627	0.709	0.791	0.873	0.956	1.038	1.202	1.365	1.529	1.692	1.856	-27
	0.37		0.55		0.75			1.1			1.5		2.2			
1750 motor	1.087	1.327	1.591	1.871	2.152	2.434	2.716	2.999	3.281	3.564	4.126	4.687	5.249	5.810	6.372	-17
	1.1	1.5	2.2		3			4			5.5		7.5			
3600 motor	9.463	11.551	13.847												0	
	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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

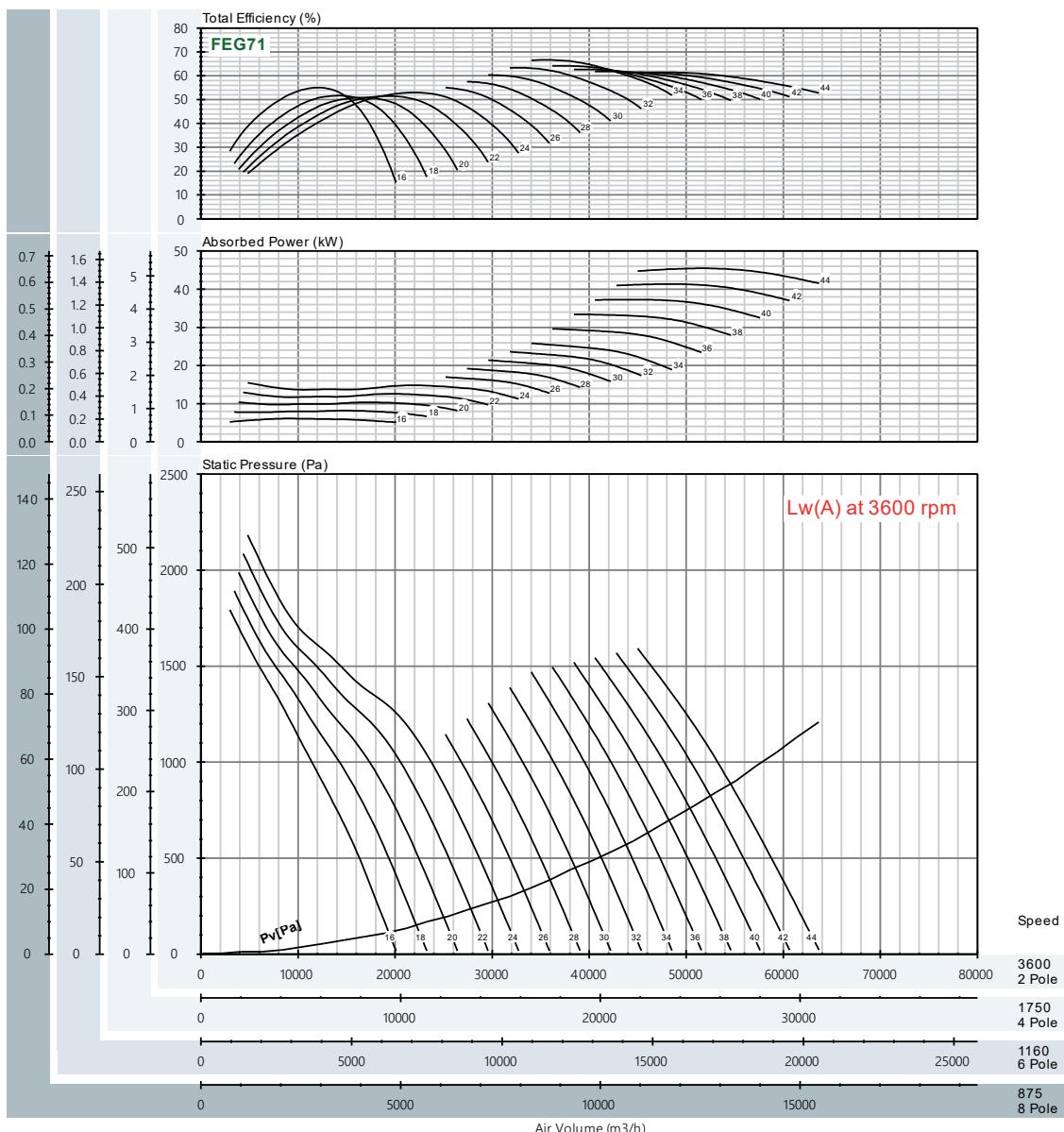
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.394m²

60Hz
TA-HP-710-240-12-9
ρ = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]														LwA dB(A)	
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	
875 motor	0.087	0.117	0.149	0.186	0.223	0.244	0.275	0.307	0.339	0.371	0.425	0.480	0.535	0.594	0.653	-34
	0.09	0.12	0.18		0.25			0.37			0.55		0.75			
1160 motor	0.203	0.273	0.347	0.433	0.519	0.568	0.642	0.716	0.790	0.864	0.991	1.118	1.248	1.384	1.522	-27
	0.25	0.37		0.55		0.75			1.1		1.5		2.2			
1750 motor	0.696	0.936	1.190	1.485	1.780	1.949	2.203	2.458	2.713	2.967	3.402	3.837	4.284	4.751	5.224	-17
	0.75	1.1	1.5		2.2		3		4		5.5					
3600 motor	6.059	8.152	10.360	12.928												0
	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 Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

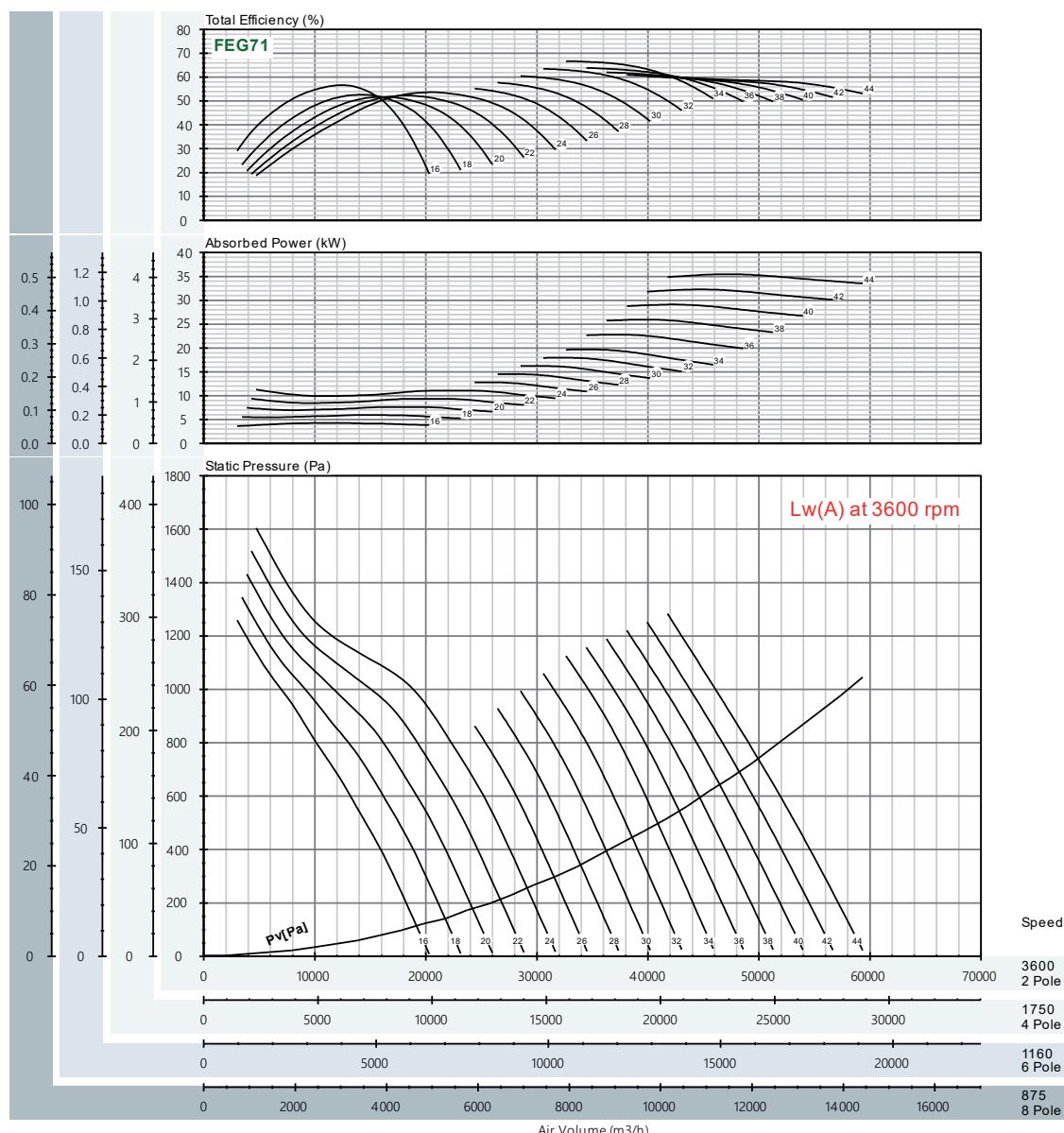
Outlet Area-0.394m²

60Hz

TA-HP-710-240-12-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)			
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	
875 motor	0.062	0.085	0.110	0.135	0.162	0.184	0.209	0.233	0.258	0.283	0.328	0.373	0.418	0.464	0.509	-34
	0.09	0.12	0.18		0.25		0.37					0.55				
1160 motor	0.143	0.199	0.256	0.314	0.378	0.428	0.486	0.544	0.601	0.659	0.763	0.868	0.974	1.080	1.187	-27
	0.18	0.25	0.37		0.55		0.75					1.1		1.5		
1750 motor	0.492	0.684	0.879	1.077	1.298	1.471	1.669	1.866	2.064	2.262	2.620	2.982	3.345	3.709	4.075	-17
	0.55	0.75	1.1		1.5		2.2		3		4		5.5			
3600 motor	4.287	5.954	7.649	9.379	11.300	12.804	14.526								0	
	5.5	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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

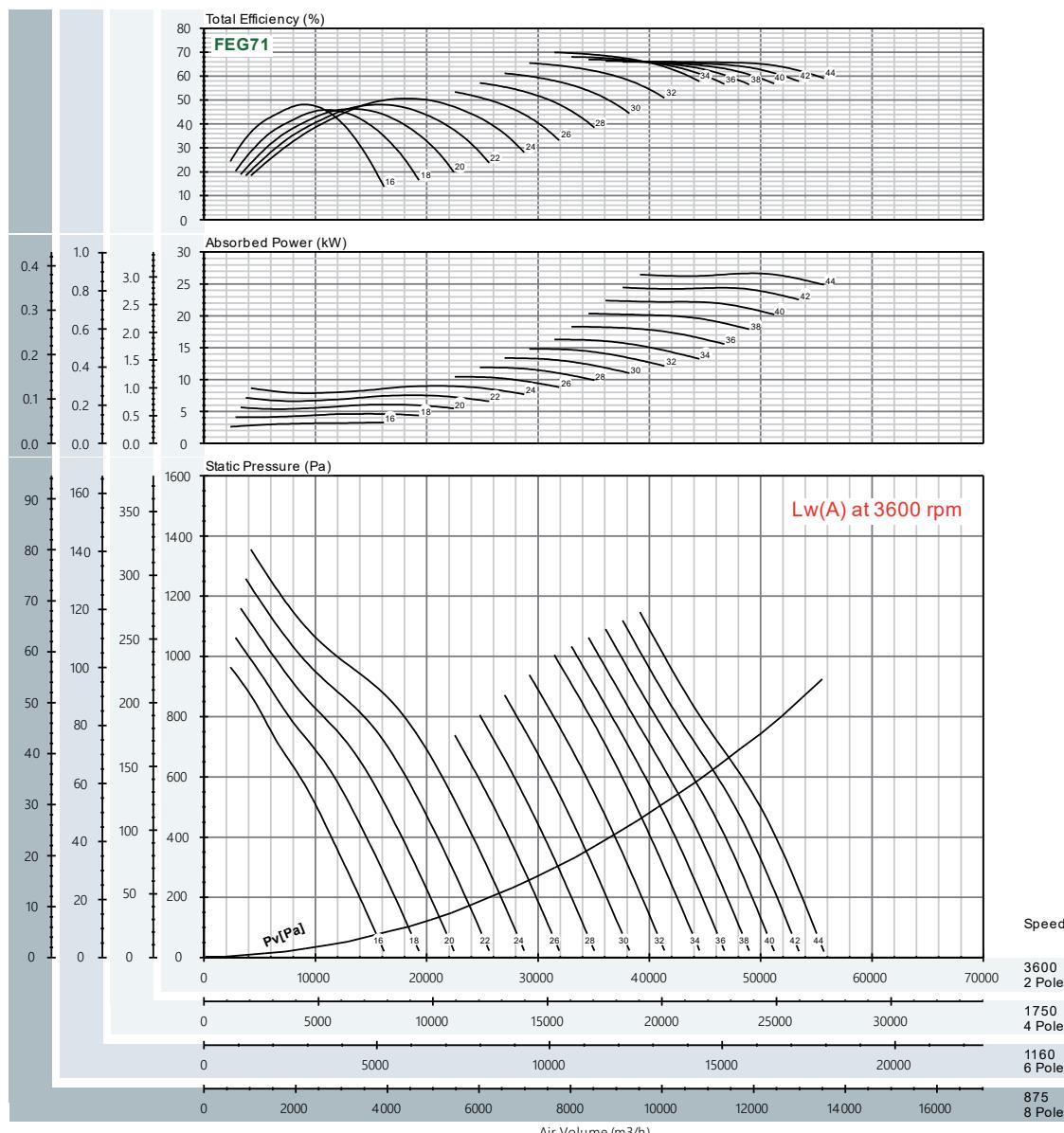
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.394m²

60Hz
TA-HP-710-150-6-6
 $\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													LwA dB(A)		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	
875 motor	0.047	0.066	0.087	0.108	0.129	0.150	0.171	0.192	0.213	0.234	0.263	0.292	0.322	0.351	0.383	-34
	0.06	0.09	0.12		0.18		0.25			0.37		0.55				
1160 motor	0.109	0.155	0.203	0.252	0.301	0.350	0.398	0.447	0.496	0.545	0.613	0.681	0.749	0.818	0.892	-27
	0.12	0.18	0.25		0.37		0.55			0.75		1.1				
1750 motor	0.375	0.531	0.698	0.866	1.034	1.200	1.368	1.535	1.703	1.871	2.105	2.339	2.573	2.807	3.064	-17
	0.55	0.75	1.1		1.5		2.2			3		4				
3600 motor	3.261	4.621	6.079	7.538	8.998	10.450	11.908	13.367	14.826							0
	4	5.5	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 LwA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

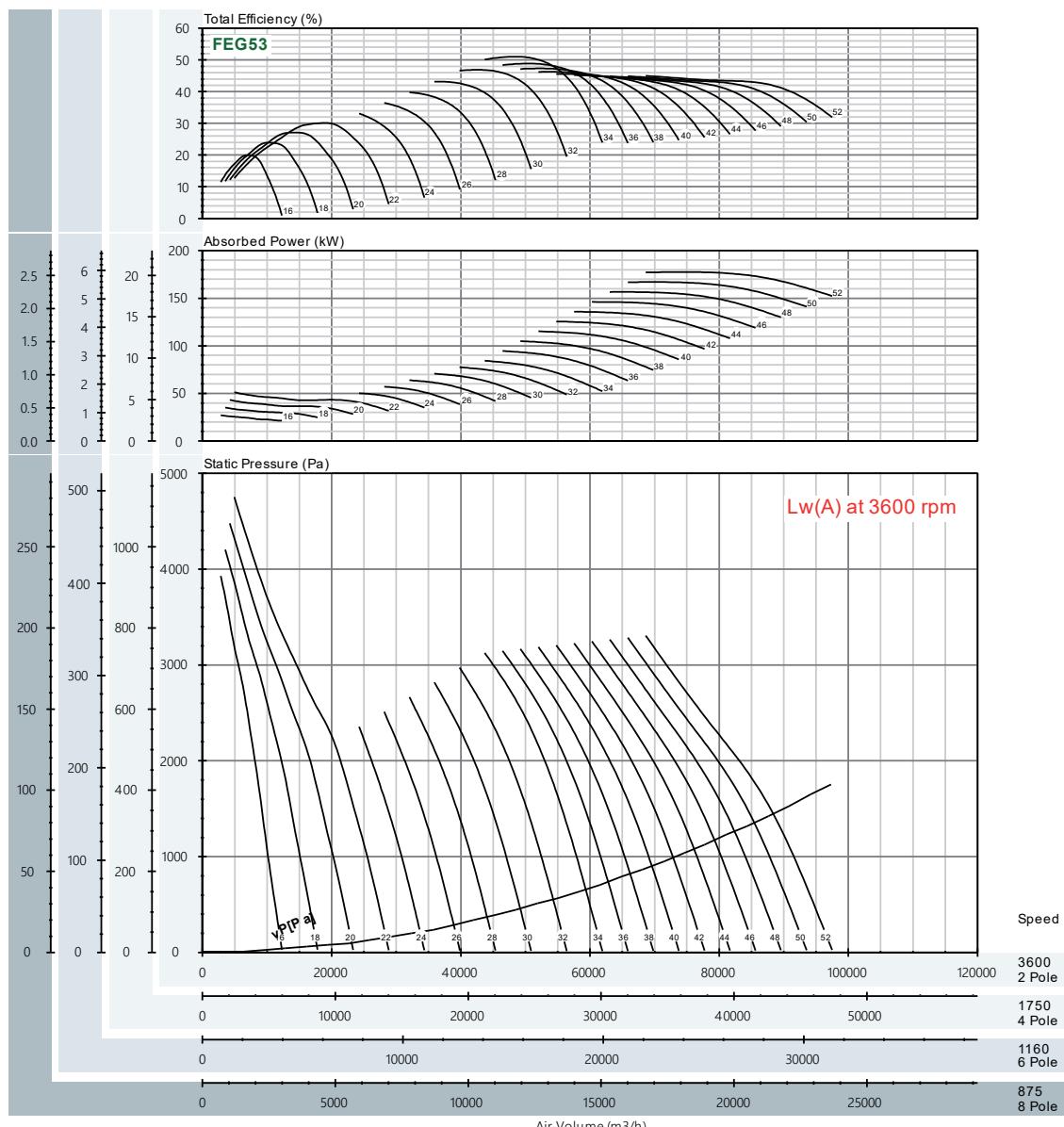
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.502m²

60Hz
TA-HP-800-406-12-12
p = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		LwA dB(A)
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	0.388	0.504	0.620	0.736	0.721	0.819	0.917	1.015	1.113	1.211	1.360	1.508	1.656	1.804	1.952	2.100	2.249	2.399	2.551
	0.55		0.75		1.1			1.5				2.2					3		-34
1160 motor	0.904	1.174	1.444	1.714	1.680	1.908	2.137	2.365	2.594	2.822	3.168	3.513	3.858	4.203	4.548	4.893	5.239	5.590	5.944
	1.1	1.5		2.2			3			4		5.5					7.5		-27
1750 motor	3.105	4.032	4.959	5.885	5.767	6.552	7.337	8.121	8.906	9.691	10.876	12.061	13.246	14.430	15.615	16.800	17.989	19.194	20.408
	4	5.5		7.5			11			15		18.5					22		-17

* 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 effects of duct end correction.

PERFORMANCE

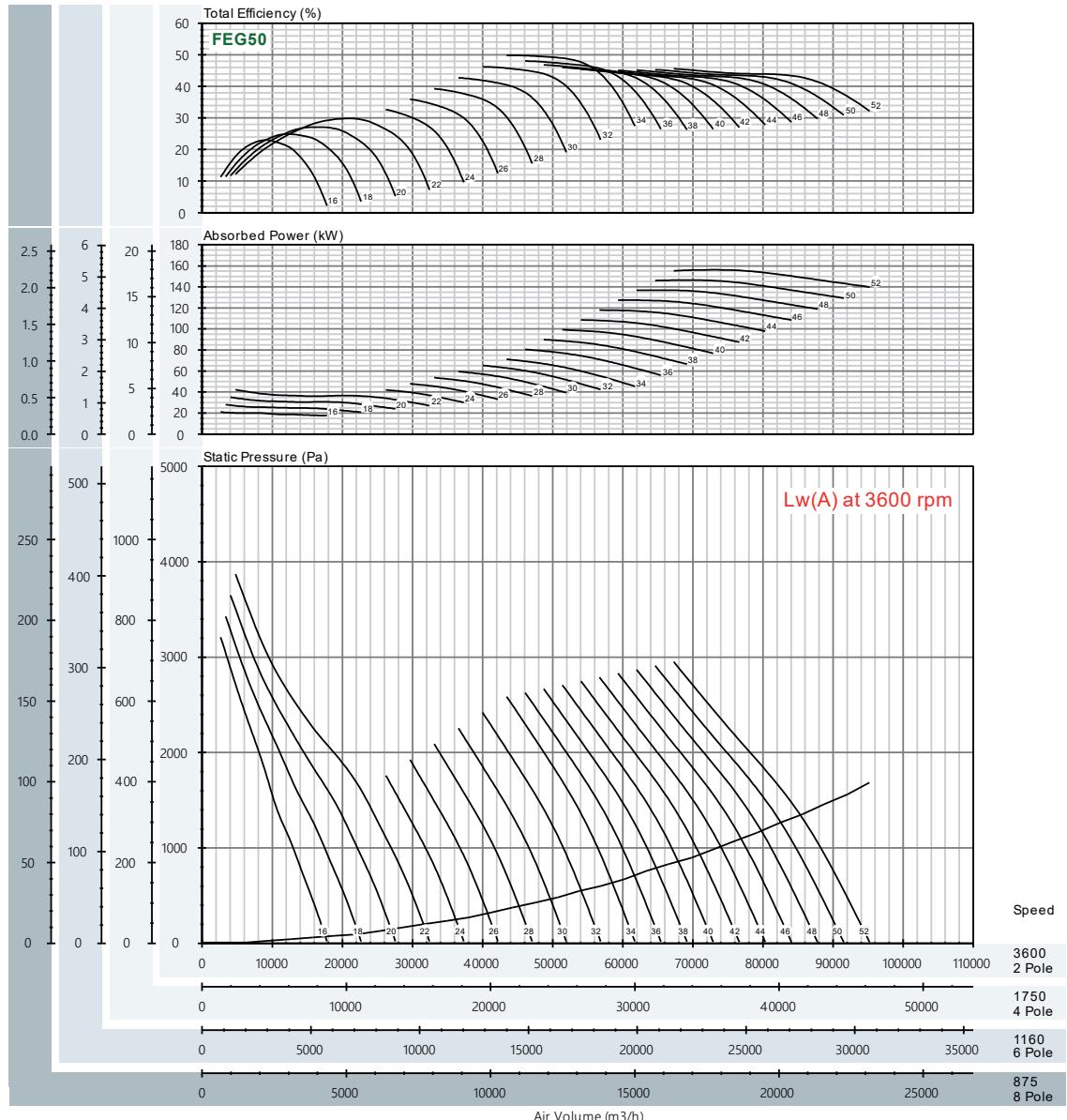
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.502m²

60Hz
TA-HP-800-406-12-9

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.302	0.403	0.505	0.606	0.604	0.688	0.771	0.855	0.938	1.022	1.156	1.291	1.425	1.560	1.694	1.828	1.965	2.104	2.244	-34
1160 motor	0.704	0.940	1.175	1.411	1.408	1.602	1.797	1.992	2.186	2.381	2.694	3.007	3.320	3.634	3.947	4.260	4.579	4.903	5.228	-27
1750 motor	2.417	3.227	4.036	4.845	4.834	5.502	6.170	6.838	7.506	8.174	9.250	10.325	11.401	12.476	13.551	14.627	15.723	16.833	17.951	-17

* 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 effects of duct end correction

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

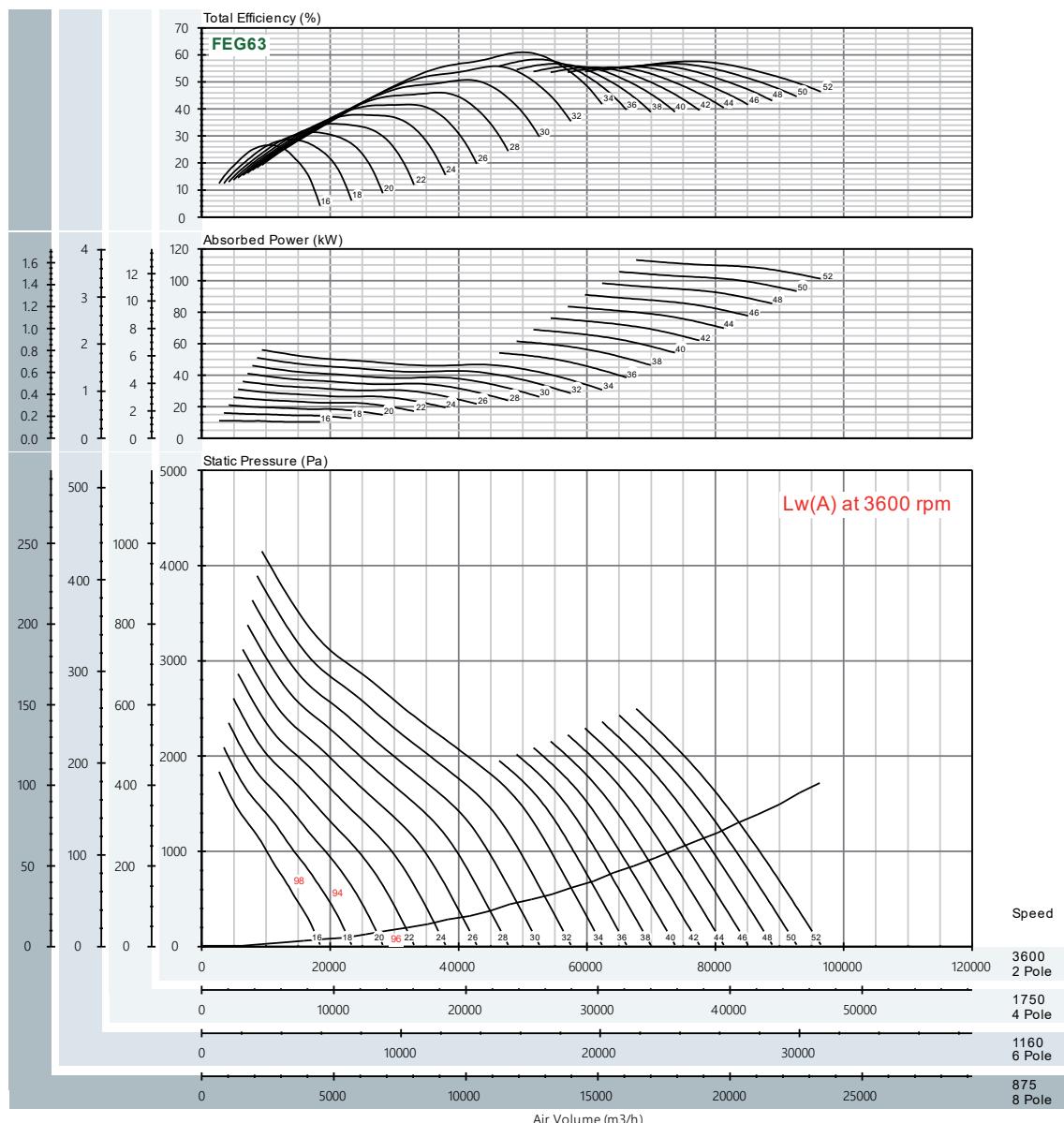
Outlet Area-0.502m²

60Hz

TA-HP-800-406-12-6

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.159	0.230	0.302	0.374	0.446	0.518	0.590	0.662	0.734	0.806	0.777	0.883	0.989	1.095	1.201	1.306	1.412	1.518	1.624	-34
1160 motor	0.369	0.535	0.703	0.871	1.039	1.207	1.375	1.542	1.710	1.878	1.811	2.057	2.304	2.551	2.797	3.044	3.291	3.537	3.784	-27
1750 motor	1.268	1.838	2.414	2.991	3.567	4.143	4.719	5.296	5.872	6.448	6.217	7.064	7.911	8.758	9.605	10.452	11.299	12.145	12.992	-17

* 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 effects of duct end correction.

PERFORMANCE

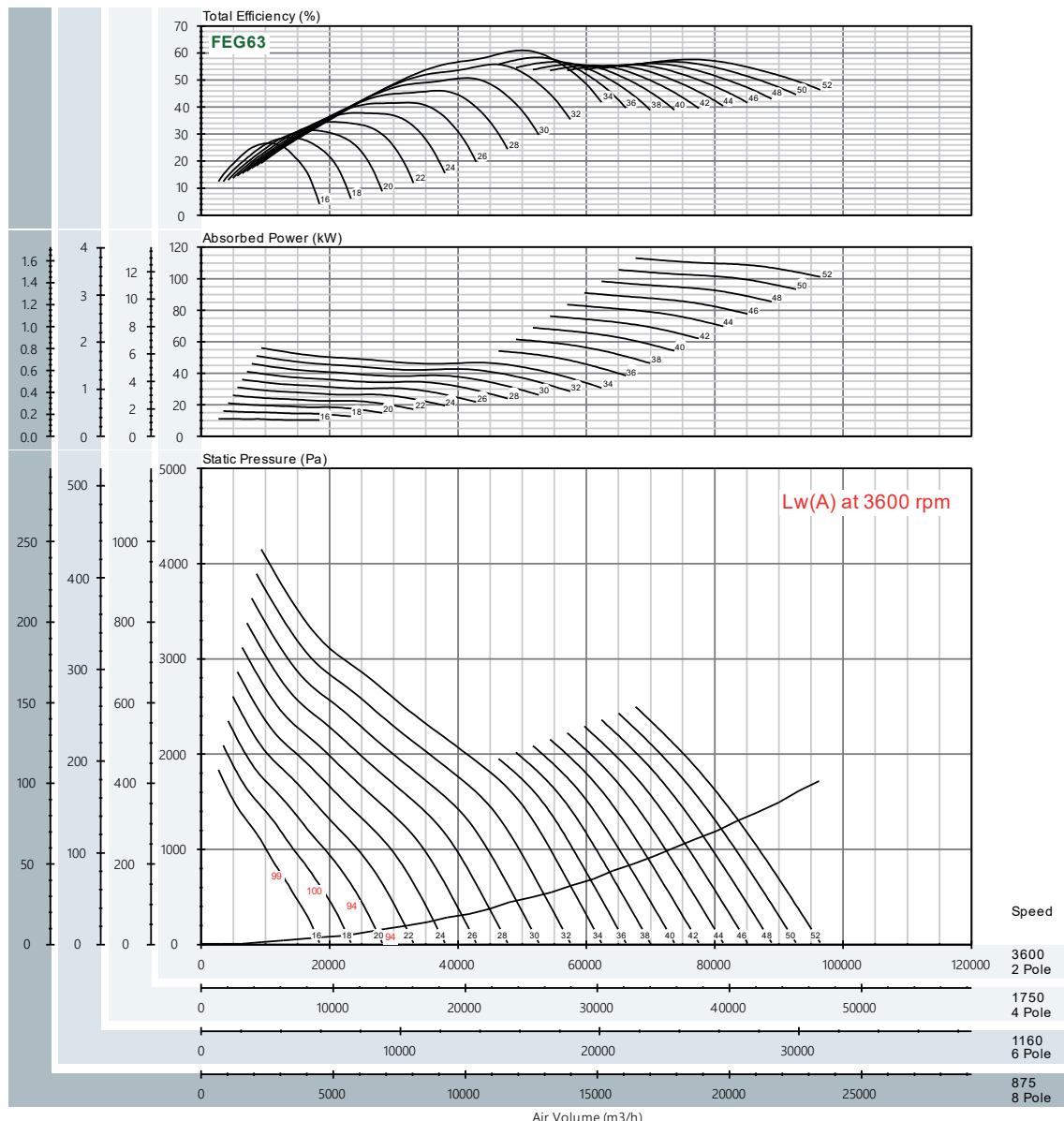
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.502m²

60Hz
TA-HP-800-297-6-6

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]															LwA dB(A)				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.159	0.230	0.302	0.374	0.446	0.518	0.590	0.662	0.734	0.806	0.777	0.883	0.989	1.095	1.201	1.306	1.412	1.518	1.624	-34
1160 motor	0.369	0.535	0.703	0.871	1.039	1.207	1.375	1.542	1.710	1.878	1.811	2.057	2.304	2.551	2.797	3.044	3.291	3.537	3.784	-27
1750 motor	1.268	1.838	2.414	2.991	3.567	4.143	4.719	5.296	5.872	6.448	6.217	7.064	7.911	8.758	9.605	10.452	11.299	12.145	12.992	-17

* 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 effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

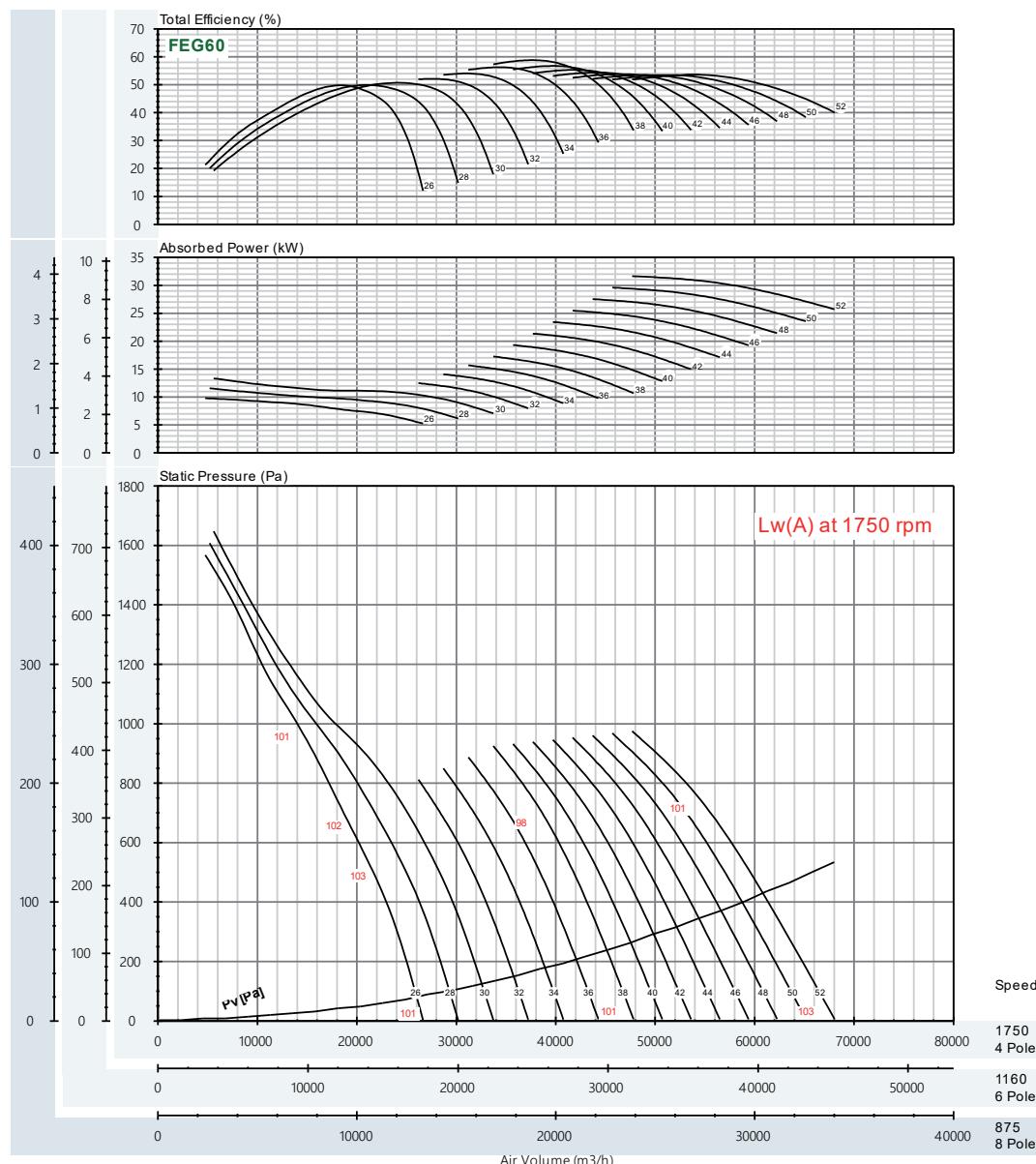
Outlet Area-0.636m²

60Hz

TA-HP-900-406-12-12

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	1.220	1.444	1.668	1.561	1.760	1.959	2.158	2.415	2.672	2.929	3.186	3.443	3.700	3.957
	1.5				2.2			3			4			-17
1160 motor	2.843	3.365	3.886	3.637	4.101	4.564	5.028	5.627	6.226	6.824	7.424	8.022	8.621	9.220
	3		4			5.5		7.5			11			-10
1750 motor	9.763	11.554	13.344	12.488	14.080	15.671	17.263	19.319	21.376	23.432	25.489	27.545	29.602	31.658
	11		15			18.5		22			30		37	0

* 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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

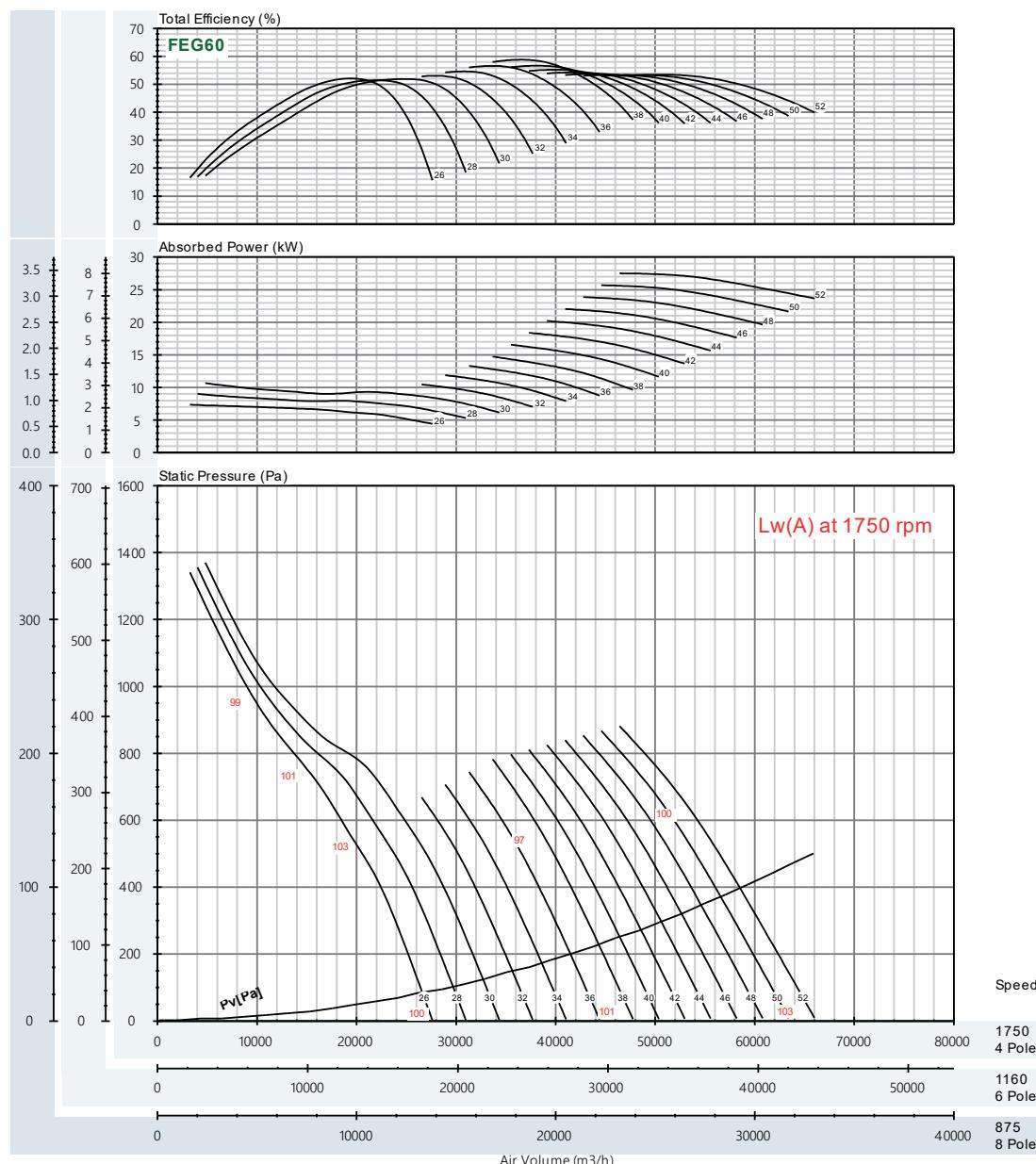
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.636m²

**60Hz
TA-HP-900-406-12-9**

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	0.918	1.125	1.331	1.308	1.486	1.664	1.842	2.070	2.299	2.527	2.755	2.983	3.211	3.439
	1.1		1.5		2.2			3		4				-17
1160 motor	2.139	2.620	3.101	3.047	3.462	3.877	4.293	4.824	5.355	5.887	6.418	6.949	7.481	8.012
	2.2	3	4		5.5			7.5		11				-10
1750 motor	7.346	8.996	10.646	10.463	11.888	13.313	14.739	16.563	18.388	20.212	22.037	23.861	25.686	27.510
	7.5		11		15		18.5	22		30				0

* 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 effects of duct end correction.

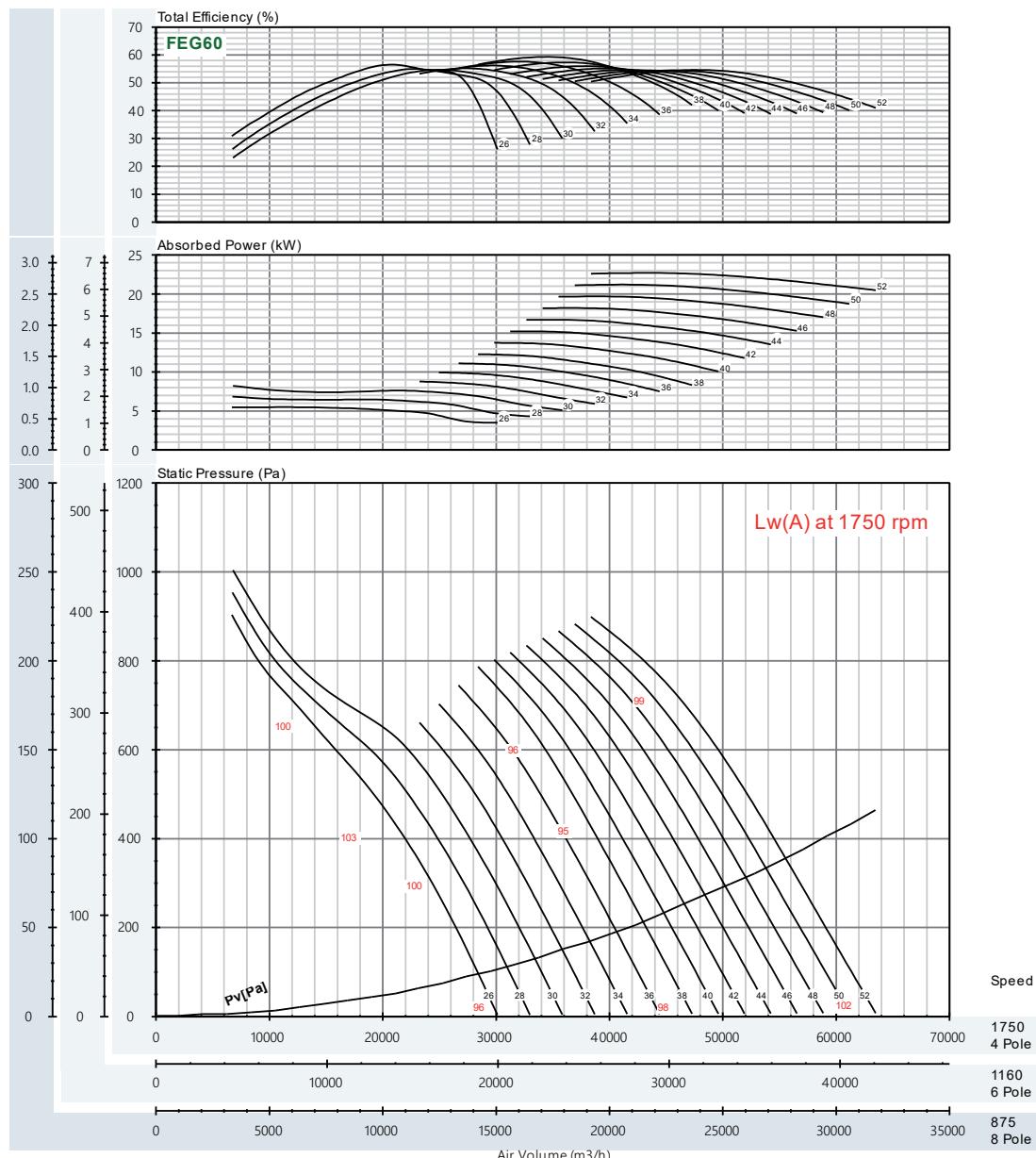
Outlet Area-0.636m²

60Hz

TA-HP-900-406-12-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.686	0.856	1.029	1.097	1.243	1.389	1.534	1.719	1.904	2.089	2.275	2.463	2.651	2.840	-17
1160 motor	1.599	1.994	2.397	2.557	2.896	3.235	3.575	4.005	4.435	4.867	5.302	5.738	6.177	6.617	-10
1750 motor	5.489	6.848	8.231	8.778	9.943	11.109	12.274	13.751	15.228	16.711	18.203	19.703	21.207	22.718	0

* 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 effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

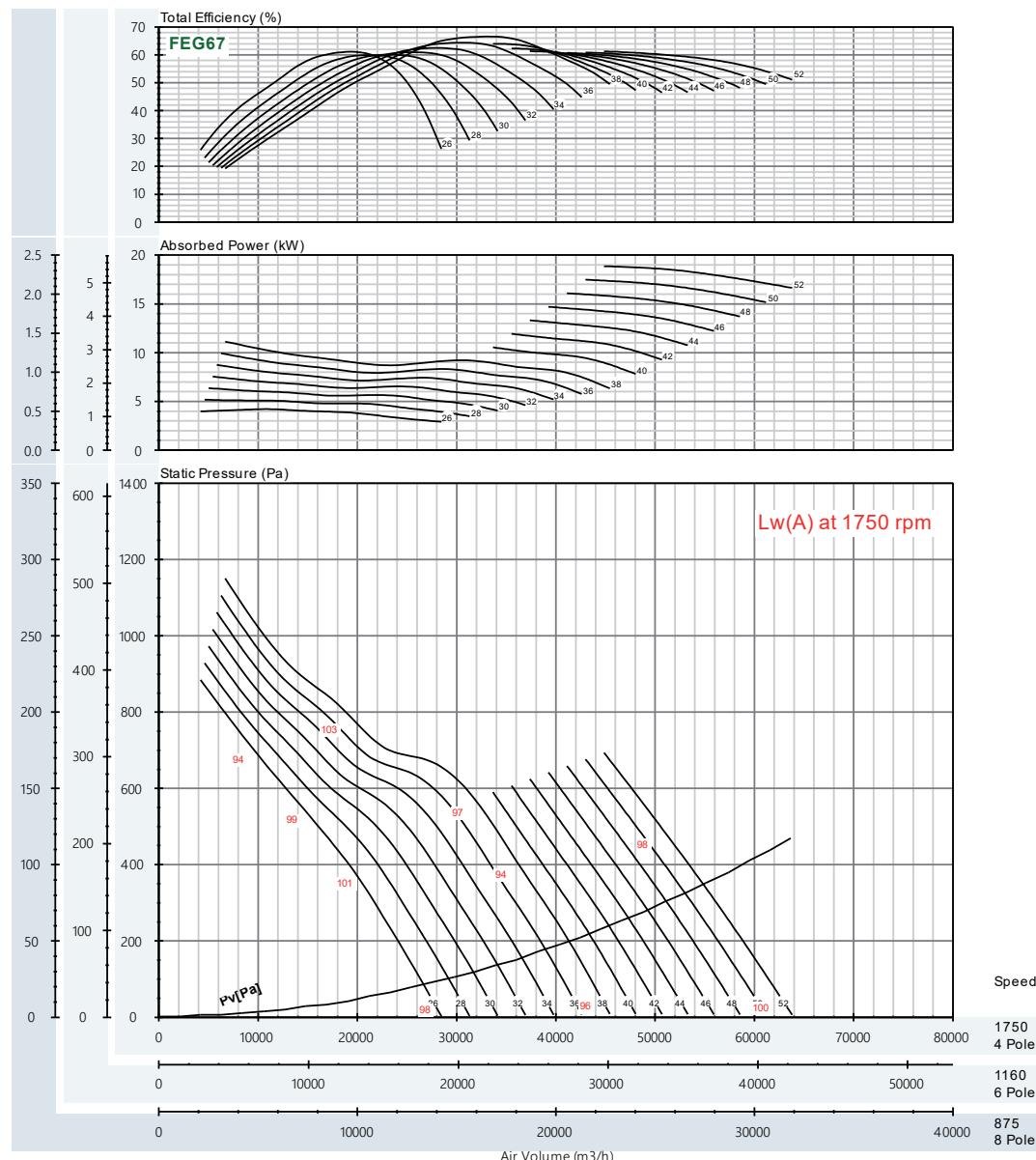
Outlet Area-0.636m²

60Hz

TA-HP-900-297-6-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	0.527	0.647	0.796	0.945	1.094	1.243	1.392	1.319	1.492	1.666	1.839	2.012	2.185	2.358
	0.55	0.75		1.1			1.5			2.2		3		-17
1160 motor	1.227	1.506	1.853	2.201	2.548	2.896	3.243	3.074	3.477	3.881	4.284	4.688	5.091	5.495
	1.5	2.2		3			4			5.5				-10
1750 motor	4.213	5.172	6.364	7.557	8.750	9.942	11.135	10.553	11.939	13.324	14.710	16.095	17.481	18.867
	5.5	7.5		11			15	15		18.5		22		0

* 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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

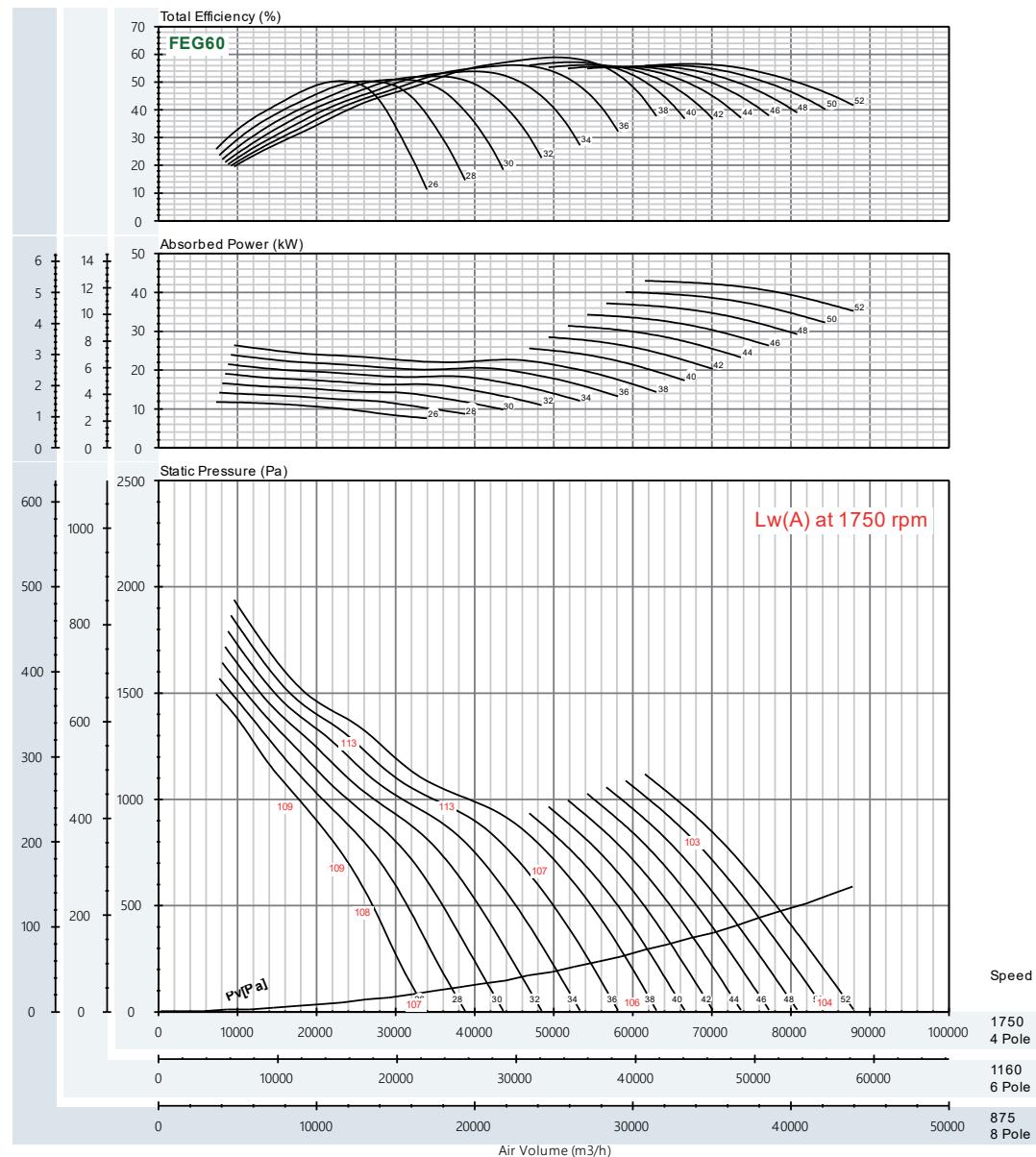
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.785m²

60Hz
TA-HP-1000-406-12-12
 $p = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)		
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	1.467	1.773	2.079	2.384	2.690	2.996	3.301	3.200	3.563	3.926	4.289	4.651	5.014	5.377	-17
1160 motor	4	5.5		7.5	7.5	11			11			15			-10
1750 motor	11.738	14.183	16.628	19.074	21.519	23.964	26.410	25.599	28.503	31.406	34.309	37.212	40.115	43.018	0
	15	18.5	22		30			37		45					

* 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 effects of duct end correction.

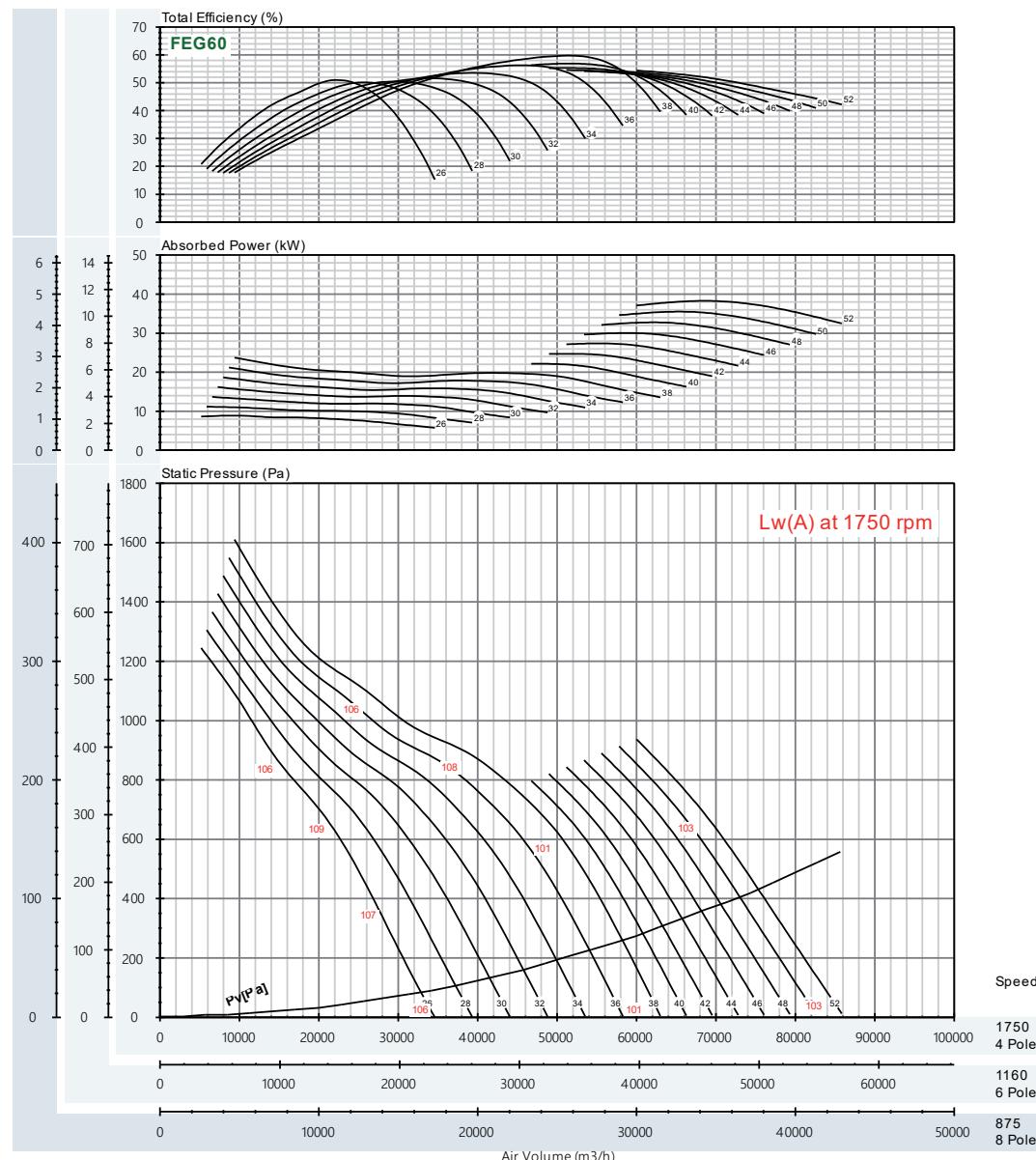
Outlet Area-0.785m²

60Hz

TA-HP-1000-406-12-9

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)		
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°		
875 motor	1.109	1.392	1.707	2.022	2.337	2.652	2.967	2.776	3.092	3.421	3.757	4.097	4.440	4.785	-17
1160 motor	2.584	3.243	3.977	4.711	5.445	6.178	6.912	6.469	7.203	7.970	8.753	9.546	10.345	11.150	-10
1750 motor	8.872	11.136	13.656	16.175	18.694	21.214	23.733	22.210	24.733	27.366	30.055	32.775	35.520	38.283	0

* 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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

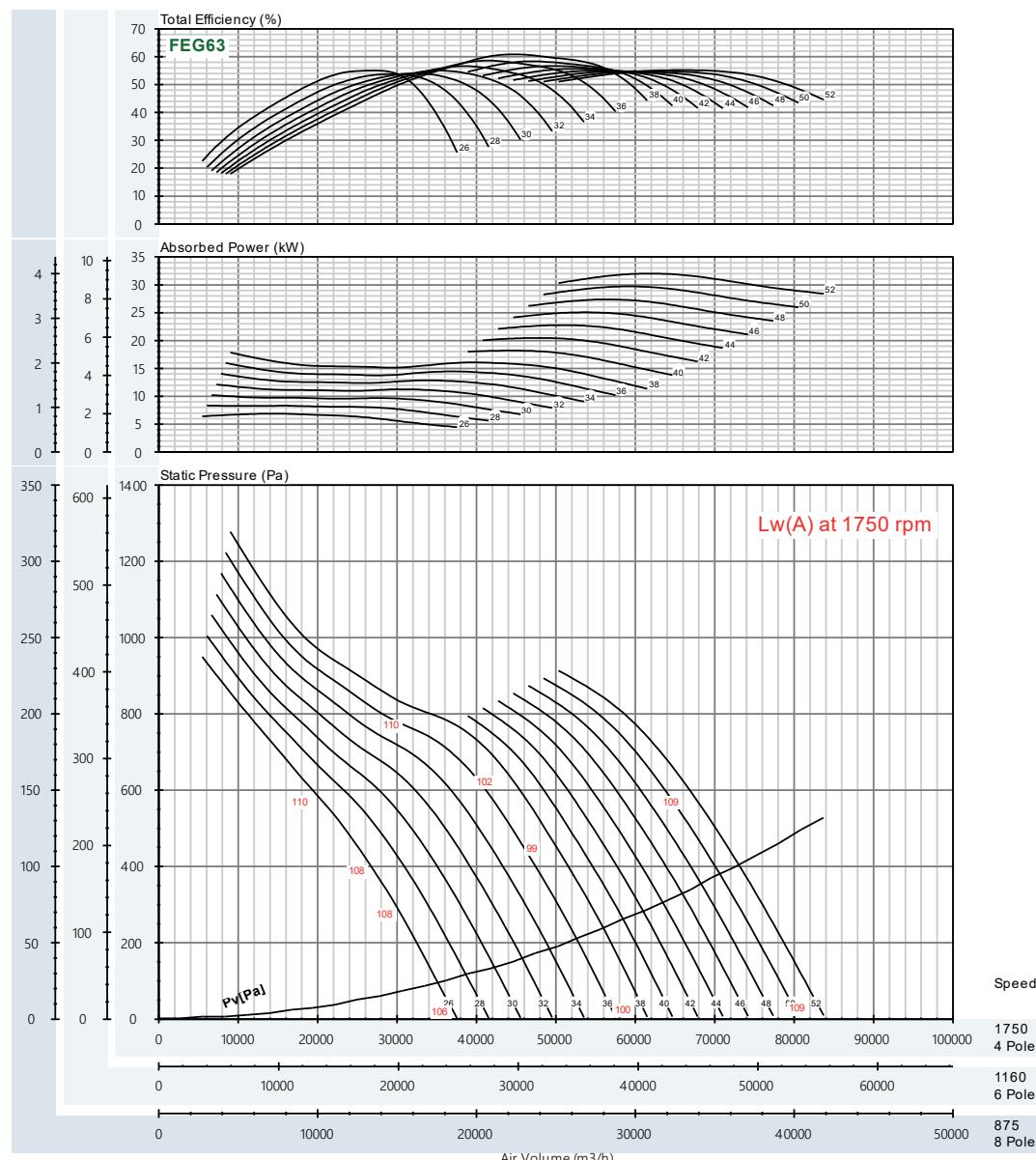
PERFORMANCE

TA-HP - 60Hz  DYNAIR®

Outlet Area-0.785m²

60Hz
TA-HP-1000-406-12-6
p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	0.861	1.040	1.278	1.517	1.756	1.994	2.233	2.277	2.561	2.847	3.135	3.424	3.713	4.003
	1.1	1.5		2.2			3			4		5.5		-17
1160 motor	2.006	2.422	2.979	3.535	4.091	4.647	5.203	5.305	5.966	6.634	7.304	7.977	8.651	9.328
	2.2	3	4		5.5			7.5			11			-10
1750 motor	6.888	8.317	10.227	12.136	14.045	15.955	17.864	18.216	20.485	22.777	25.079	27.389	29.704	32.026
	7.5	11	15		18.5		22		30		37			0

* 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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

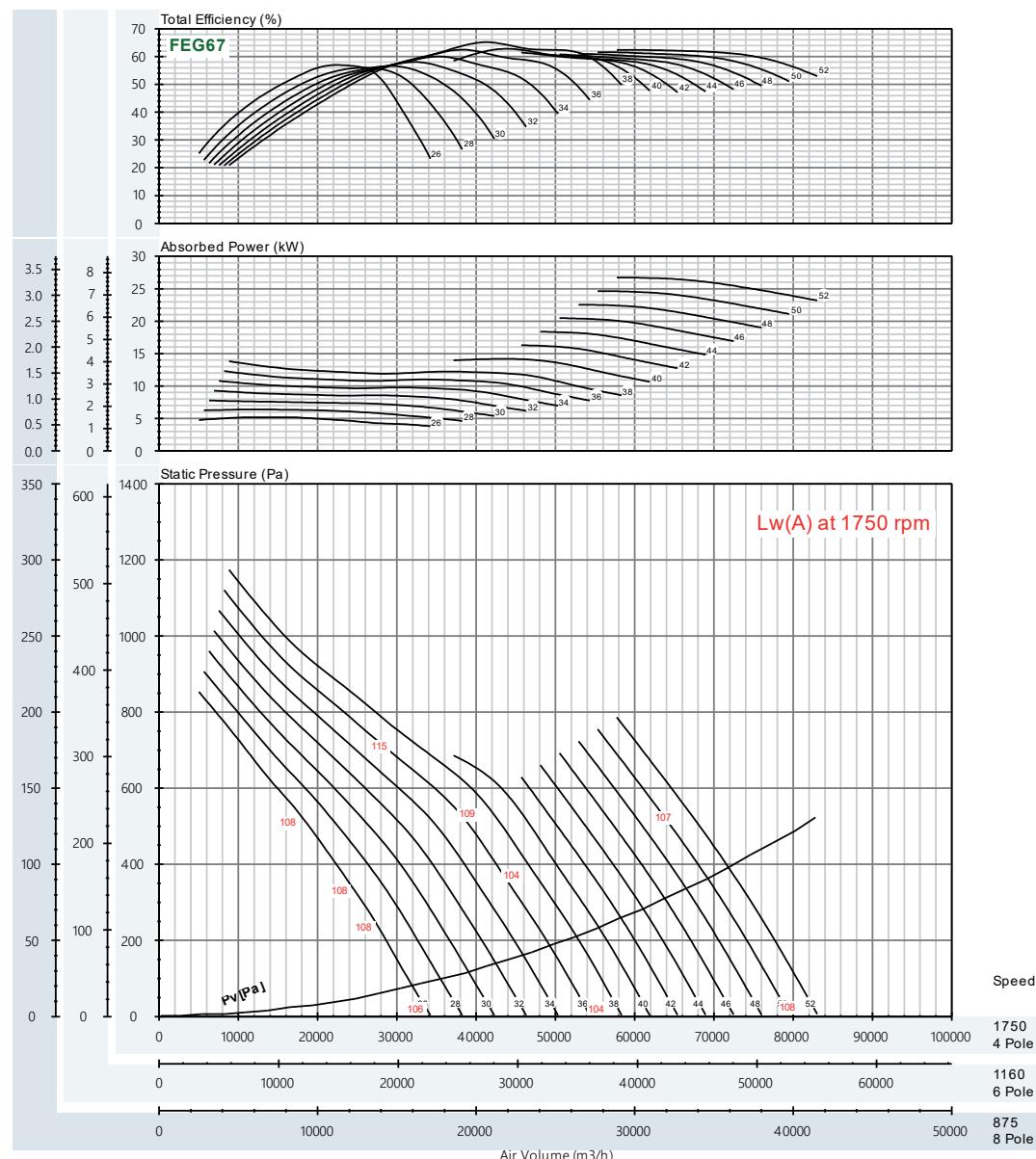
TA-HP - 60Hz  DYNAIR®

Outlet Area-0.785m²

60Hz
TA-HP-1000-297-6-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	0.649	0.796	0.970	1.159	1.348	1.537	1.726	1.774	2.035	2.297	2.559	2.820	3.082	3.344
	0.75	1.1		1.5			2.2			3		4		-17
1160 motor	1.513	1.855	2.261	2.701	3.141	3.581	4.022	4.132	4.742	5.352	5.961	6.571	7.181	7.790
	2.2		3		4		5.5			7.5		11		-10
1750 motor	5.195	6.371	7.762	9.274	10.785	12.297	13.809	14.188	16.282	18.375	20.468	22.562	24.655	26.748
	5.5	7.5		11		15		18.5		22		30		0

* 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 effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

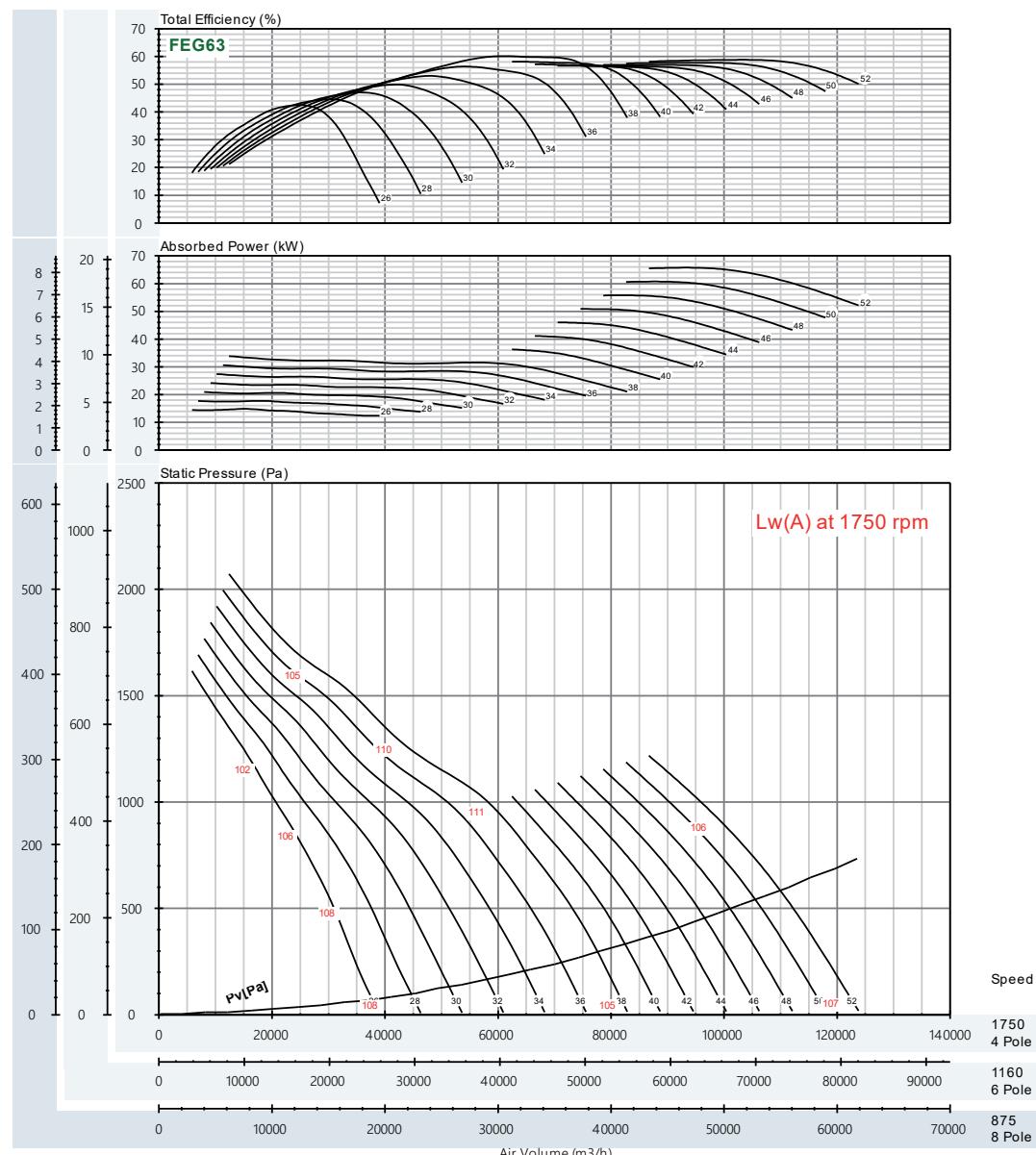
Outlet Area - 0.985m²

60Hz

TA-HP-1120-406-12-12

$p = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	1.854	2.218	2.617	3.022	3.427	3.833	4.238	4.537	5.145	5.753	6.361	6.975	7.596	8.221
	2.2	3		4			5.5		7.5		11			-17
1160 motor	4.319	5.167	6.096	7.041	7.985	8.930	9.874	10.570	11.987	13.404	14.822	16.251	17.699	19.156
	5.5		7.5		11			15		18.5		22		-10
1750 motor	14.829	17.742	20.932	24.174	27.417	30.660	33.902	36.292	41.158	46.024	50.890	55.799	60.771	65.771
	15	18.5	22	30		37		45	55		75			0

* 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 effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

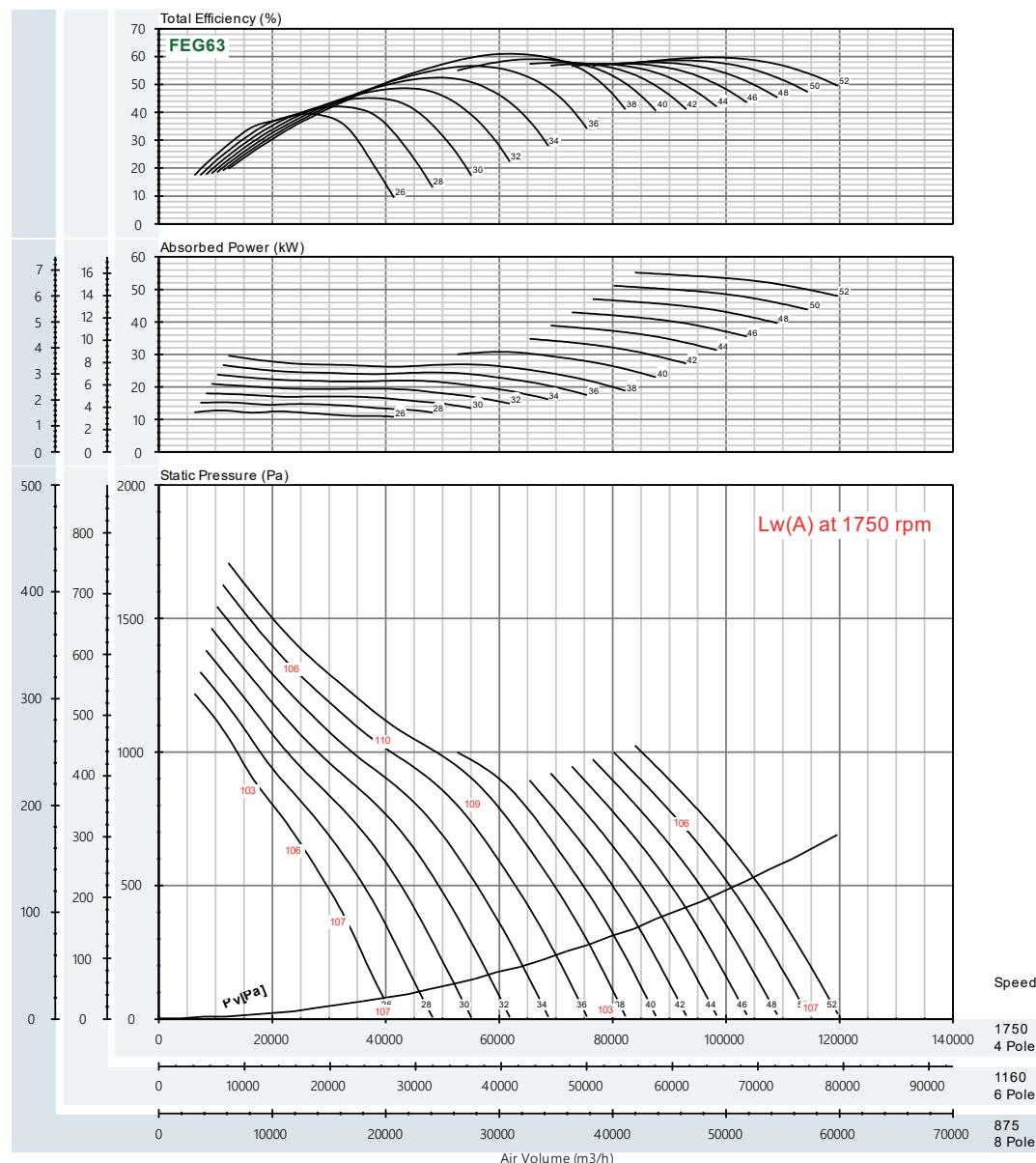
Outlet Area - 0.985m²

60Hz

TA-HP-1120-406-12-9

$p = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)		
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	1.593	1.904	2.254	2.616	2.978	3.341	3.703	3.849	4.354	4.863	5.372	5.881	6.390	6.899	-17
1160 motor	2.2		3		4		5.5			7.5					-10
1750 motor	3.712	4.437	5.251	6.095	6.940	7.784	8.628	8.969	10.145	11.331	12.517	13.703	14.888	16.074	0
	4	5.5	7.5		11		15		18.5						
	15	18.5	22	30	37	45	55	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 LwA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

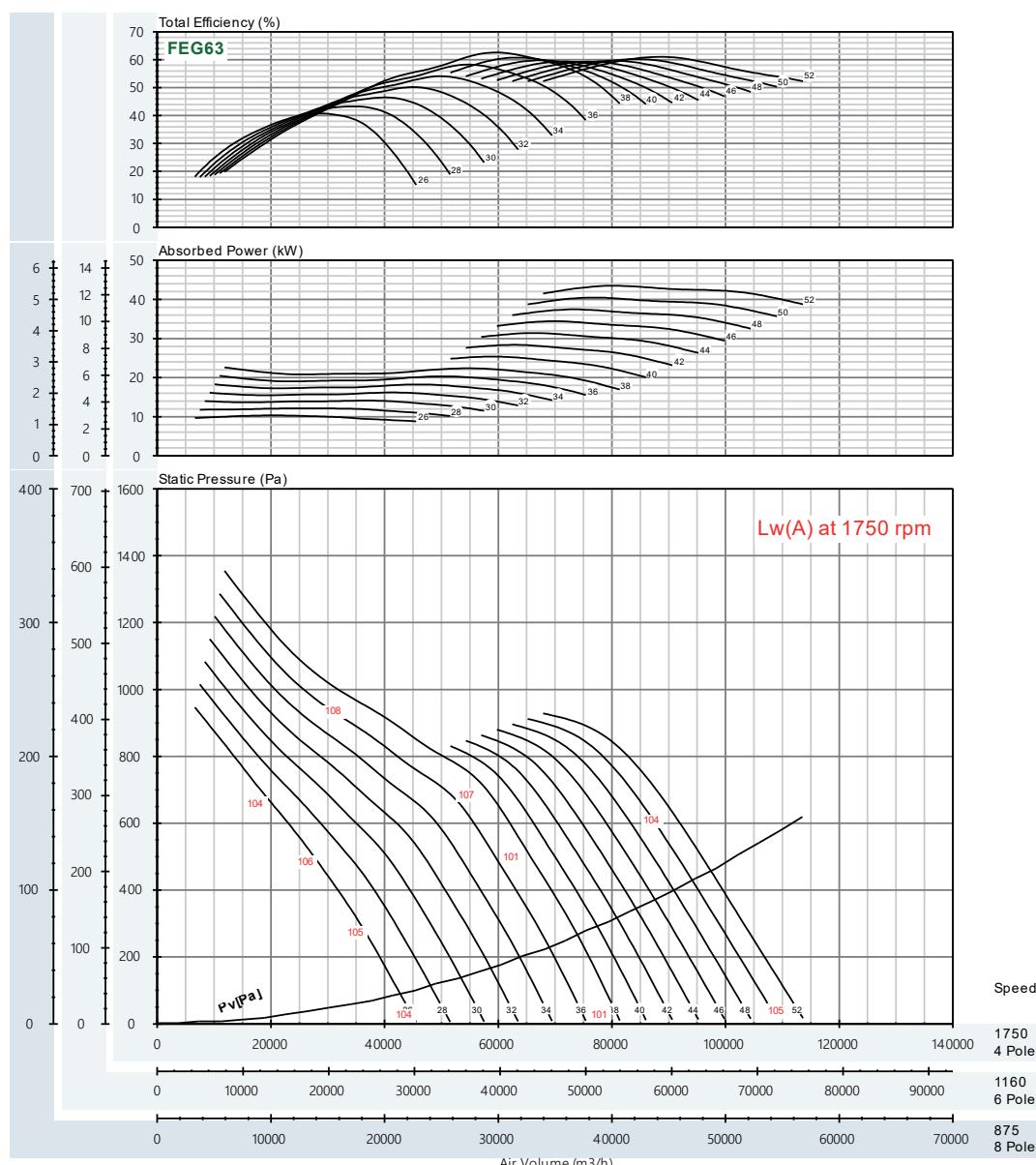
Outlet Area - 0.985m²

60Hz

TA-HP-1120-406-12-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)		
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	1.291	1.514	1.765	2.022	2.286	2.557	2.827	3.170	3.547	3.925	4.303	4.680	5.059	5.438	-17
	1.5	2.2		3			4				5.5				
1160 motor	3.009	3.527	4.113	4.711	5.327	5.957	6.587	7.387	8.265	9.145	10.025	10.905	11.788	12.670	-10
	4		5.5		7.5			11			15				
1750 motor	10.331	12.111	14.121	16.175	18.289	20.453	22.618	25.363	28.379	31.400	34.421	37.442	40.473	43.504	0
	11	15		18.5	22		30		37		45				

* Performance certified is for installation type D-Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

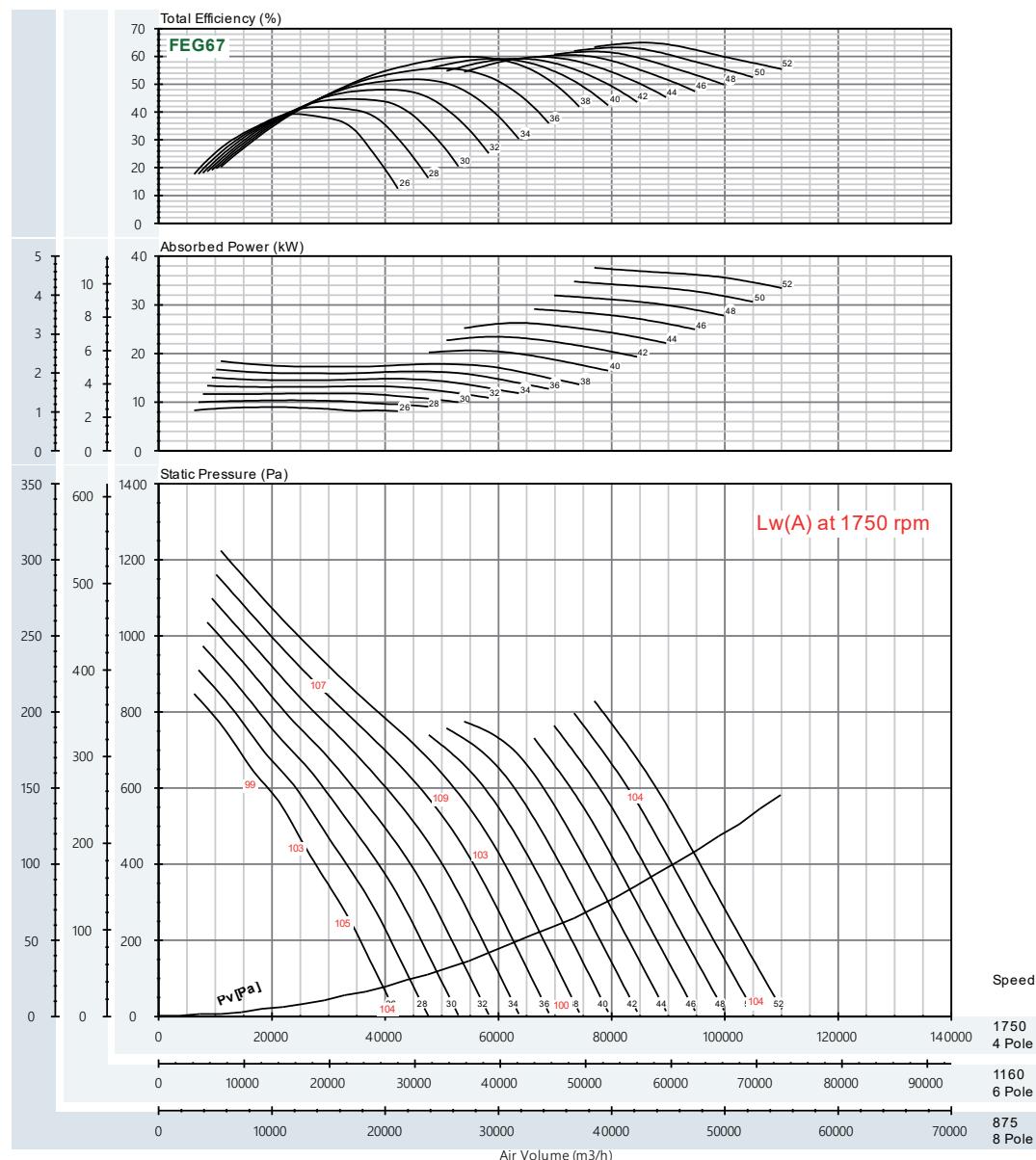
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Outlet Area - 0.985m²

60Hz
TA-HP-1120-297-6-6

p = 1.2kg/m³

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	1.125	1.298	1.474	1.672	1.882	2.092	2.301	2.579	2.932	3.287	3.641	3.995	4.349	4.704
	1.5		2.2			3		4		4		5.5		-17
1160 motor	2.621	3.024	3.434	3.895	4.384	4.873	5.362	6.008	6.832	7.659	8.483	9.309	10.134	10.959
	3	4		5.5		7.5			11					-10
1750 motor	8.998	10.383	11.789	13.375	15.053	16.732	18.410	20.628	23.458	26.297	29.128	31.962	34.795	37.629
	11	15		18.5		22		30		37		45		0

* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

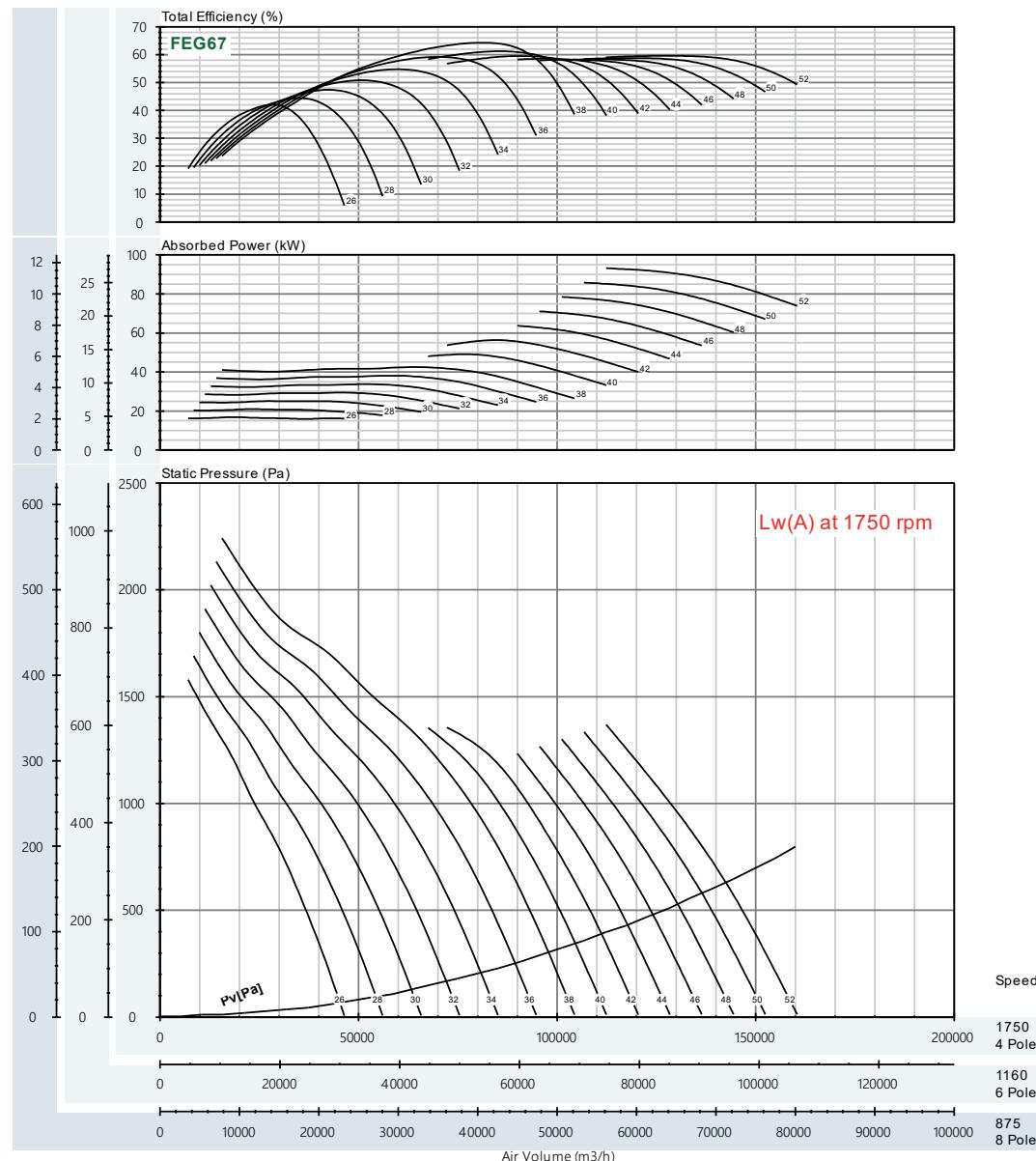
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Outlet Area-1.226m²

60Hz
TA-HP-1250-406-12-12

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												L_{WA} dB(A)		
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	2.104	2.619	3.134	3.674	4.219	4.765	5.310	6.132	7.044	7.967	8.889	9.810	10.732	11.654	-17
	2.2	3	4		5.5		7.5		11		15				
1160 motor	4.903	6.103	7.303	8.561	9.831	11.102	12.372	14.288	16.412	18.562	20.710	22.857	25.005	27.153	-10
	5.5	7.5		11		15		18.5	22		30				
1750 motor	16.833	20.955	25.076	29.393	33.755	38.118	42.481	49.059	56.352	63.734	71.108	78.481	85.855	93.229	0
	18.5	22	30	37	45	55		75		90	110				

* 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 L_{WA} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

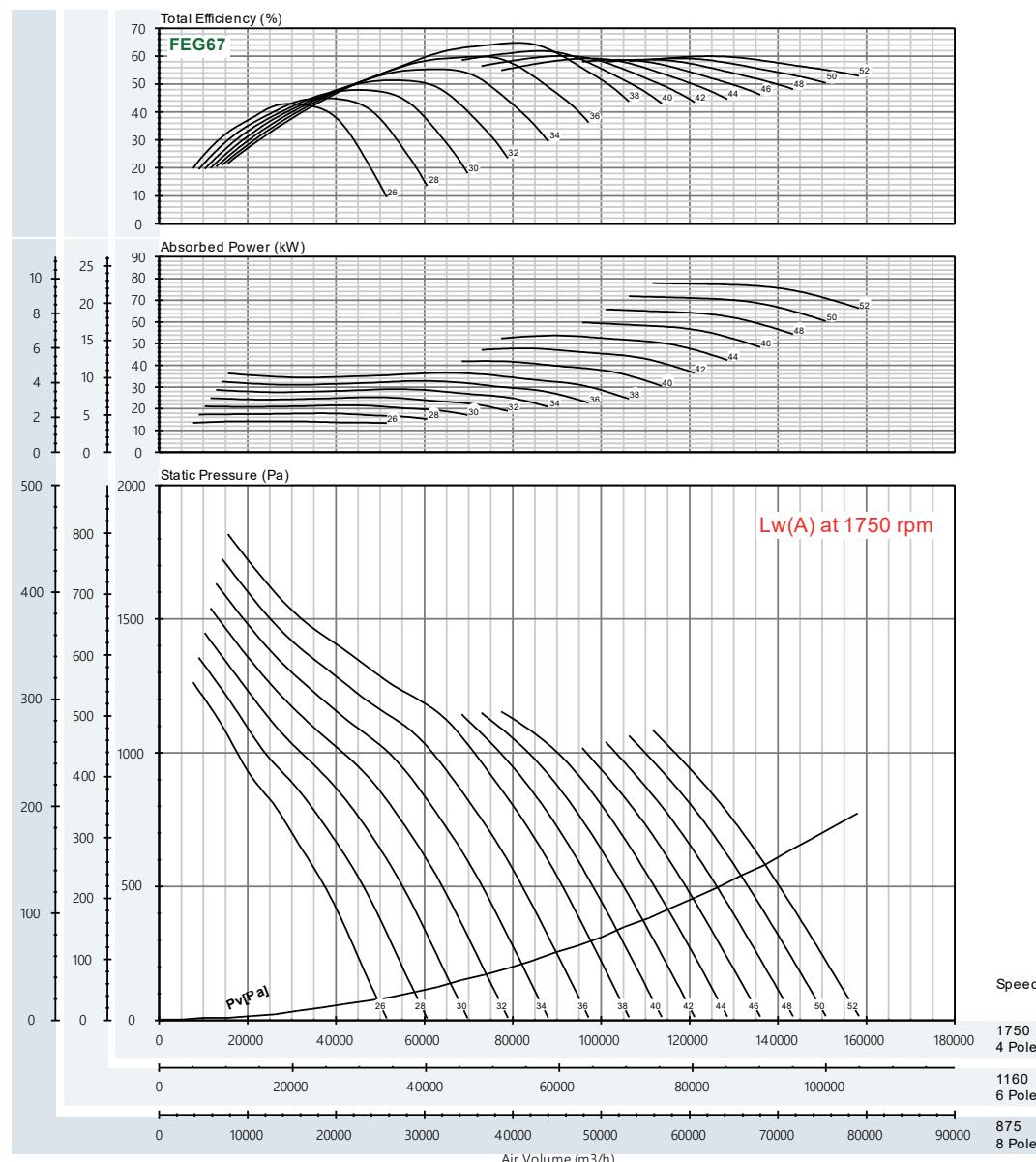
Outlet Area-1.226m²

60Hz

TA-HP-1250-406-12-9

$\rho = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	1.770	2.234	2.701	3.167	3.634	4.101	4.567	5.246	5.974	6.718	7.471	8.225	8.979	9.734
	2.2	3		4		5.5			7.5			11		-17
1160 motor	4.125	5.205	6.292	7.380	8.467	9.555	10.642	12.223	13.918	15.653	17.407	19.165	20.922	22.679
	5.5		7.5		11		15		18.5		22		30	-10
1750 motor	14.162	17.872	21.604	25.339	29.073	32.806	36.540	41.966	47.789	53.747	59.769	65.802	71.835	77.869
	15	18.5	22	30		37	45	55		75		90		0

* 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 effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

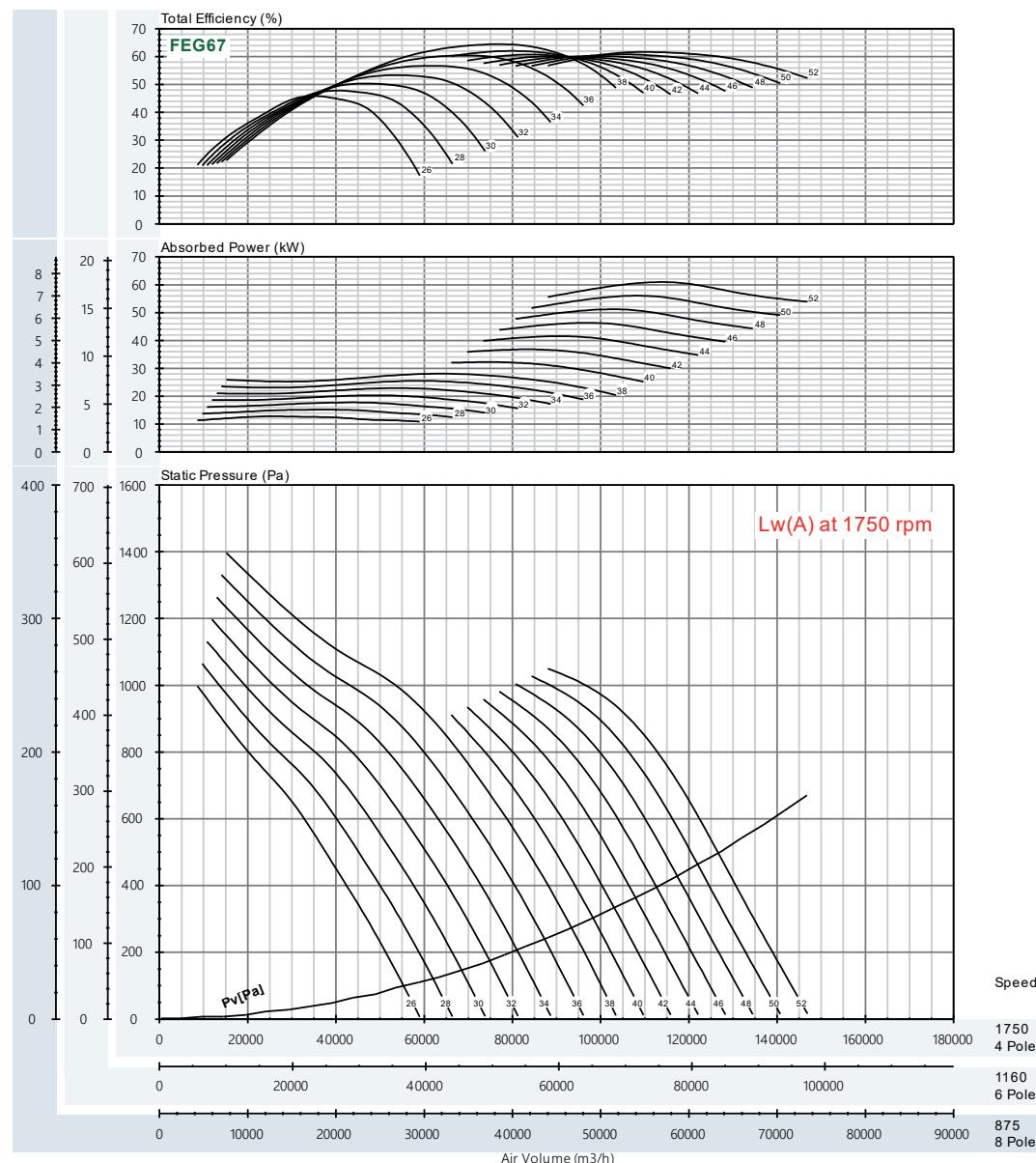
Outlet Area-1.226m²

60Hz

TA-HP-1250-406-12-6

$p = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)		
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	1.596	1.898	2.219	2.541	2.865	3.188	3.512	4.031	4.601	5.193	5.794	6.401	7.010	7.621	-17
1160 motor	2.2		3		4		5.5		7.5		11				-10
1750 motor	3.718	4.422	5.170	5.920	6.674	7.429	8.183	9.392	10.721	12.099	13.500	14.914	16.332	17.757	0
	4	5.5		7.5		11		15		18.5					
	15	18.5	22	30		37	45	55	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 LwA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

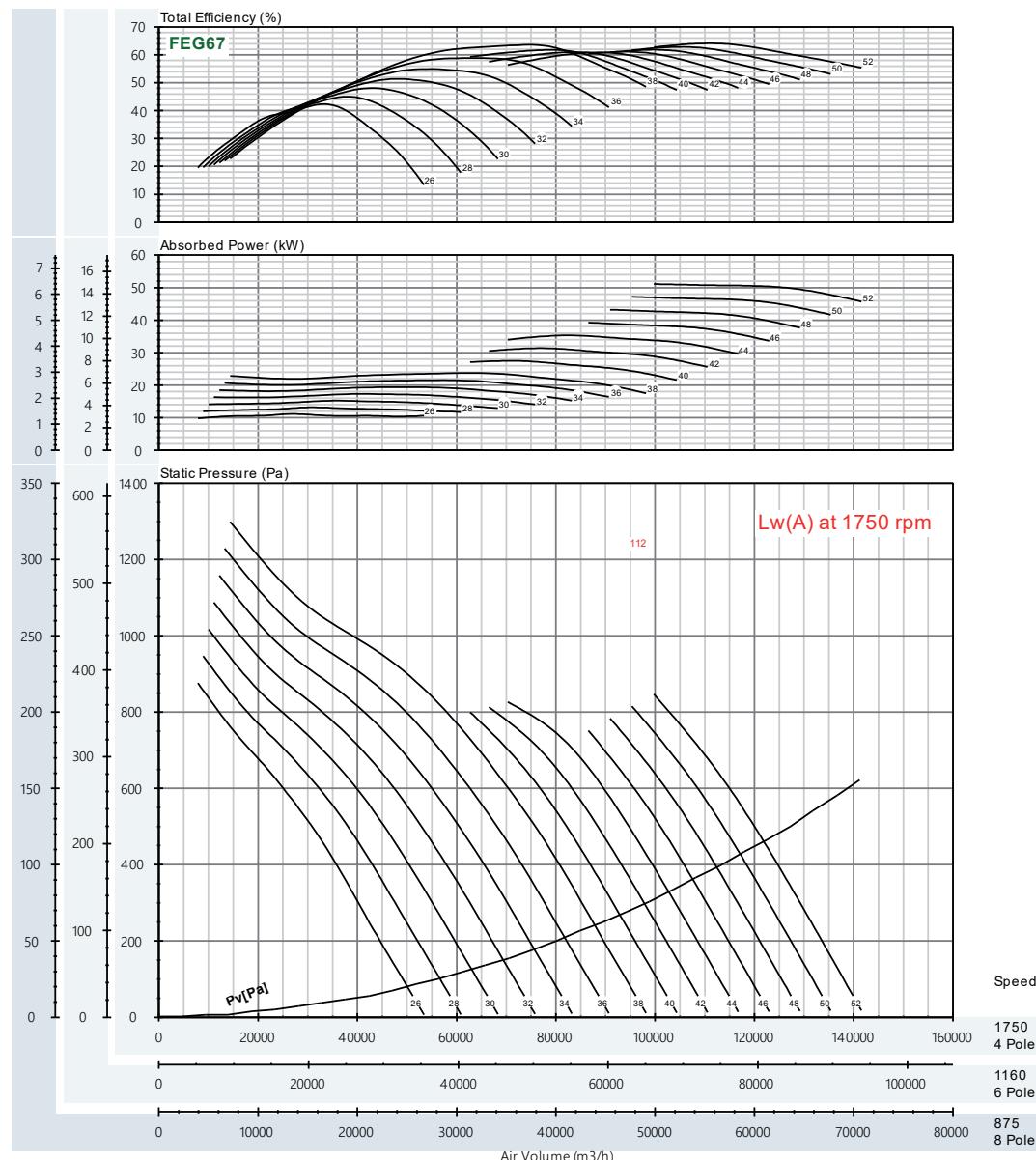
Outlet Area-1.226m²

60Hz

TA-HP-1250-297-6-6

p = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]												LwA dB(A)	
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	
875 motor	1.392	1.646	1.902	2.160	2.421	2.692	2.965	3.435	3.923	4.415	4.910	5.404	5.899	6.393
	1.5	2.2		3		4		5.5		7.5				-17
1160 motor	3.244	3.836	4.433	5.032	5.641	6.272	6.908	8.004	9.140	10.286	11.440	12.592	13.744	14.895
	4	5.5		7.5		11				15				-10
1750 motor	11.138	13.170	15.219	17.276	19.368	21.536	23.720	27.483	31.383	35.319	39.281	43.235	47.190	51.144
	15	18.5	22	30	37	45	55							0

* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

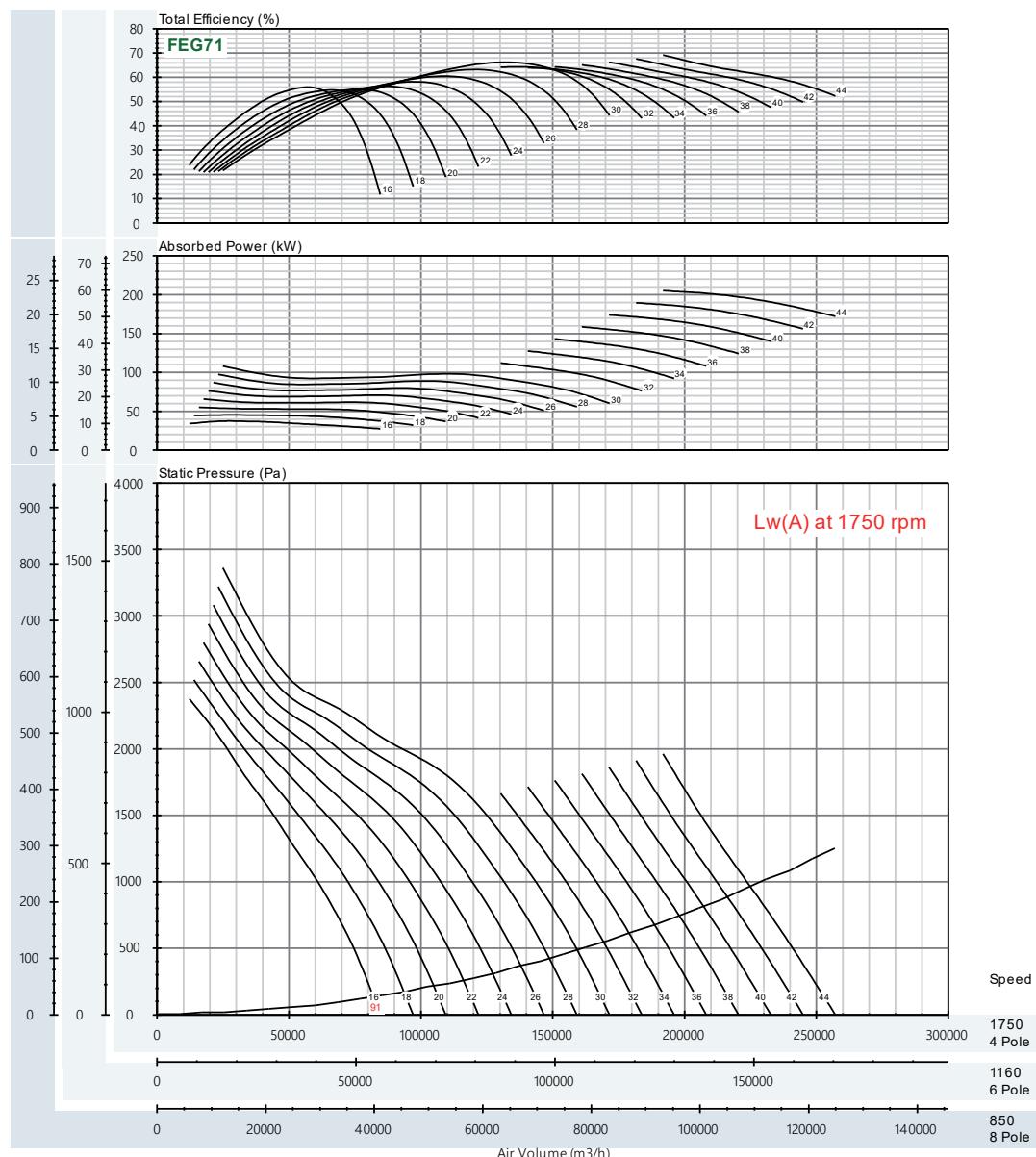
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

60Hz
TA-HP-1400-523-9-9
 $p = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													LwA dB(A)		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	
850 motor	4.286	5.191	6.315	7.532	8.748	9.965	11.182	12.399	12.854	14.630	16.405	18.180	19.955	21.731	23.506	-17
1160 motor	5.5	7.5	11				15			18.5		22		30		-10
1750 motor	10.893	13.194	16.050	19.143	22.235	25.328	28.421	31.514	32.671	37.183	41.696	46.208	50.720	55.232	59.744	0

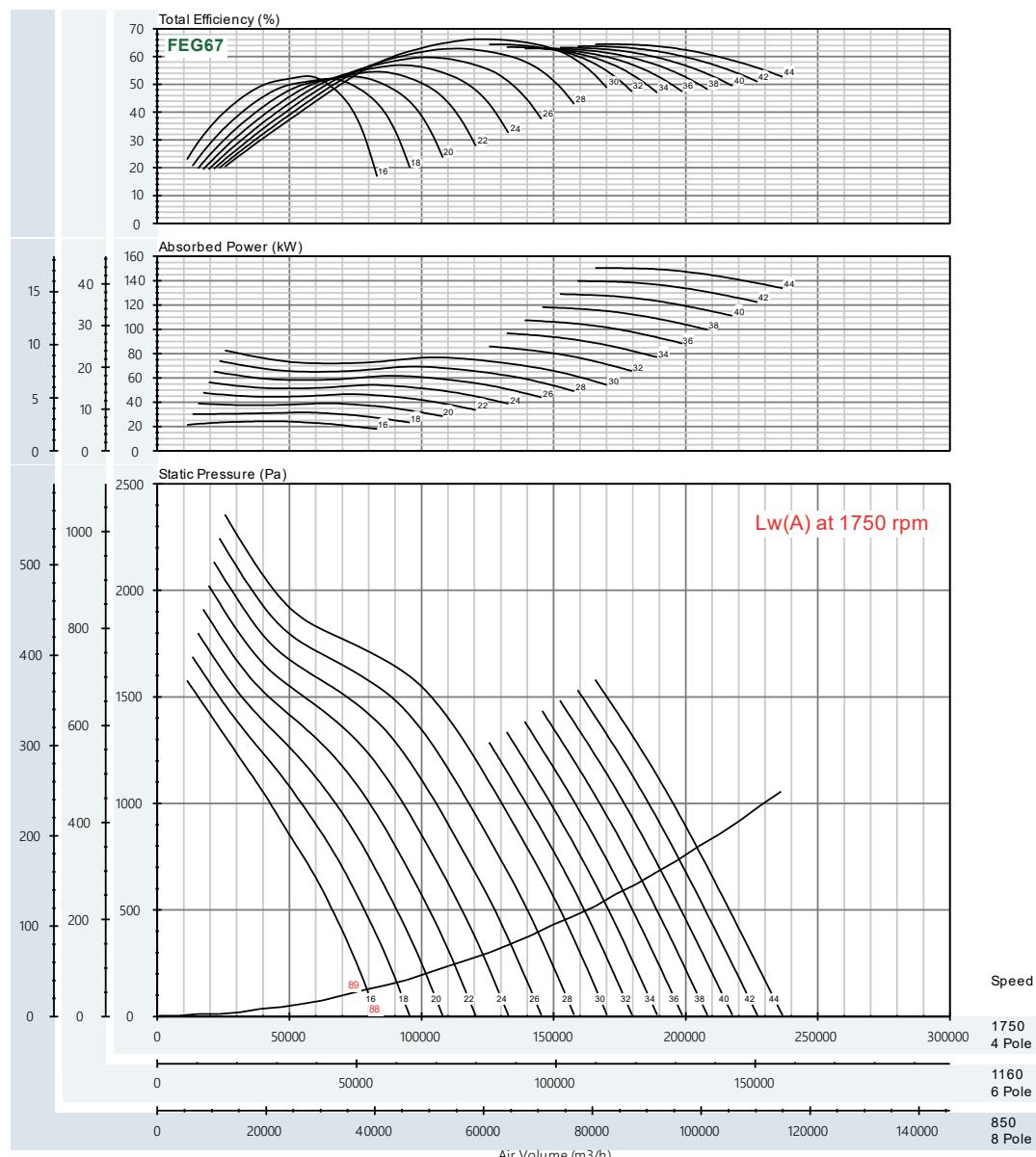
* Performance certified is for installation type D-Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels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

PERFORMANCE

TA-HP - 60Hz  DYNAIR®

60Hz
TA-HP-1400-523-9-6
 $p = 1.2\text{kg/m}^3$

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

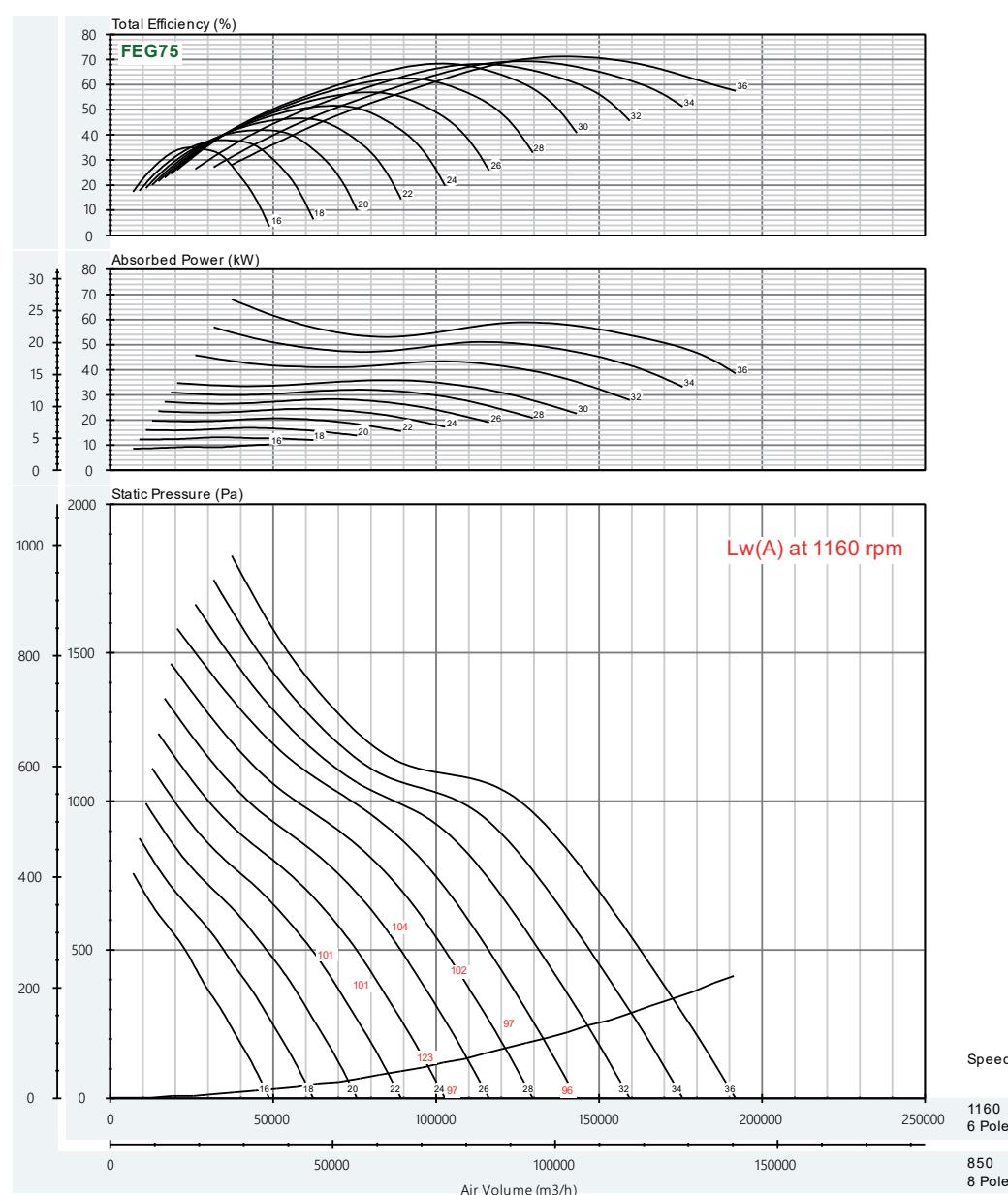
N(rpm)	Blade Pitch Angle [°]													LwA dB(A)		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	
850 motor	2.778	3.620	4.478	5.464	6.466	7.468	8.469	9.471	9.852	11.083	12.314	13.544	14.775	16.006	17.237	-17
1160 motor	7.062	9.202	11.382	13.888	16.434	18.980	21.526	24.072	25.040	28.168	31.297	34.425	37.554	40.682	43.811	-10
1750 motor	24.247	31.595	39.081	47.685	56.427	65.168	73.910	82.652	85.976	96.717	107.45	118.200	128.94	139.68	150.42	0
	30	37	45	55	75	90	110	132	152	172	192	212	232	252	160	

* 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 effects of duct end correction.

AXIAL FLOW FAN

60Hz
TA-HP-1600-523-9-9
 $p = 1.2\text{kg/m}^3$



Peak Absorbed Power (Kw)

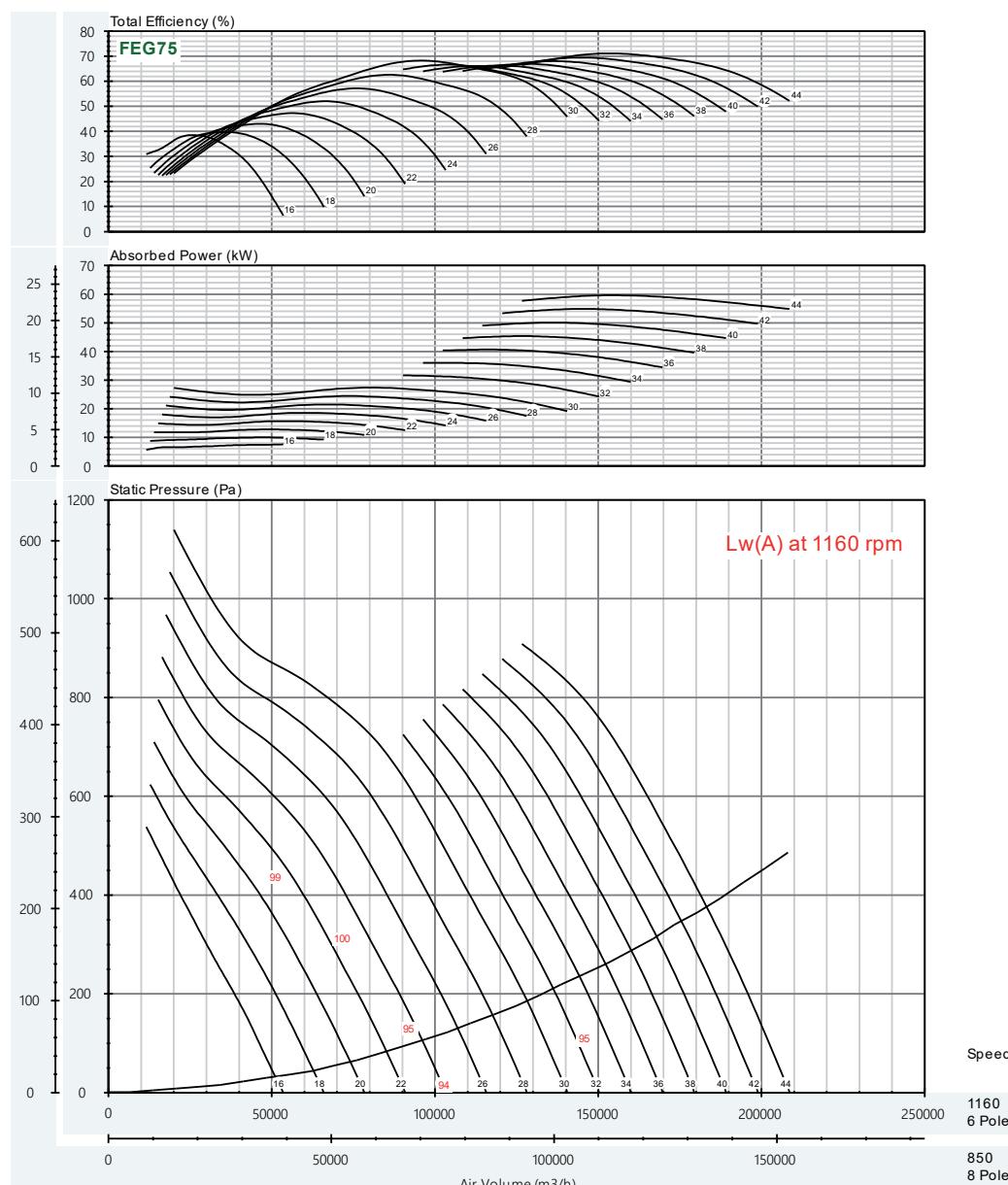
N(rpm)	Blade Pitch Angle [°]												LwA dB(A)
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°		
850 motor	4.026	5.146	6.639	8.130	9.626	11.122	12.616	14.111	18.036	22.410	26.785		-7
	5.5	7.5	11			15		18.5	30				
1160 motor	10.232	13.080	16.874	20.663	24.466	28.268	32.066	35.864	45.840	56.959	68.079		0
	11	15	18.5	22	30		37	55	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 LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

60Hz
TA-HP-1600-523-9-6
 $p = 1.2\text{kg/m}^3$



Peak Absorbed Power (Kw)

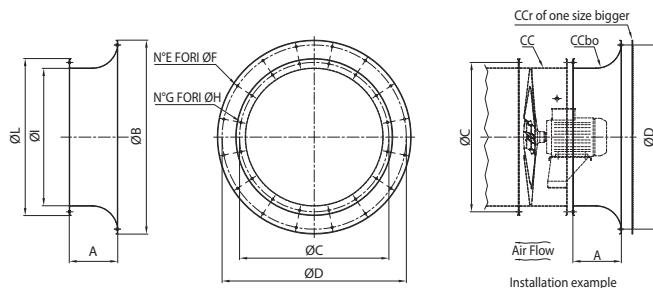
N(rpm)	Blade Pitch Angle [°]													LwA dB(A)		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	
850 motor	2.970	3.918	5.020	6.162	7.309	8.457	9.608	10.758	12.452	14.176	15.995	17.844	19.709	21.583	23.462	-7
1160 motor	3	4	5.5	7.5		11		15		18.5		22		30		0
	11		15	18.5	22		30		37		45		55		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 LwA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

INLET/OUTLET CONE CCbo

It allows a higher fan efficiency in case of installation with inlet or outlet not ducted. Manufactured in steel sheet, with one flange according to UNI ISO6580 – EUROVENT to be fitted to the CC fan, and an aerodynamically shaped bell mouth, with fixing holes for a protection guard (of one size bigger, example CCbo 71 + CCr 80). Protected against atmospheric agents by epoxy paint.

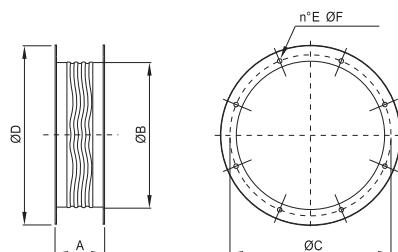


TYPE	A	B	C	D	E	F	G	H	I	L	kg
CCb 40	175	546	450	500	8	12	8	12	407	496	5,6
CCb 45	175	598	500	560	12	12	8	12	457	546	6,3
CCb 50	190	658	560	620	12	12	12	12	507	598	8,5
CCb 56	190	730	620	690	12	12	12	12	567	730	8,5
CCb 63	190	810	690	770	16	12	12	12	637	810	9,8
CCb 71	230	910	770	860	16	12	16	12	708	910	12,4
CCb 80	250	1025	860	970	16	16	16	12	808	1025	15,2
CCb 90	300	1125	970	1070	16	16	16	16	910	1125	29,4
CCb 100	300	1245	1070	1190	20	16	16	16	1010	1245	33,3
CCb 112	300	1380	1190	1320	20	16	20	16	1130	1380	37,3
CCb 125	300	1525	1320	1470	20	16	20	16	1260	1525	42,5

Dimensions in mm
Indicative weights

FLEXIBLE CONNECTORS CCga-HT

It prevents the propagation of vibrations along the ducted system. Manufactured with two flanges in steel sheet, according to UNI ISO6580 – EUROVENT standard for fixing to the fan and to the duct, and a strong flexible fabric joint. Suitable for high temperature working. Components in steel sheet protected against atmospheric agents by epoxy paint.

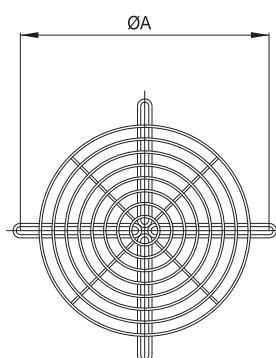


TYPE	A	ØB	ØC	ØD	E	ØF	kg
CCb 40	200	400	450	496	8	12	7
CCb 45	200	450	500	546	8	12	8
CCb 50	200	500	560	598	12	12	9
CCb 56	200	560	620	658	12	12	10
CCb 63	200	630	690	730	12	12	11
CCb 71	200	710	770	810	16	12	13
CCb 80	200	800	860	910	16	12	21
CCb 90	200	900	970	1030	16	16	23
CCb 100	200	1000	1070	1130	16	16	26
CCb 112	200	1120	1190	1250	20	16	29
CCb 125	200	1250	1320	1380	20	16	32

Dimensions in mm
Indicative weights

PROTECTION GUARDS CCr

They prevent from casual contact with moving parts of the fan. Manufactured in steel rod and protected against atmospheric agents. CCr: flat version (for long case and short case on impeller side)

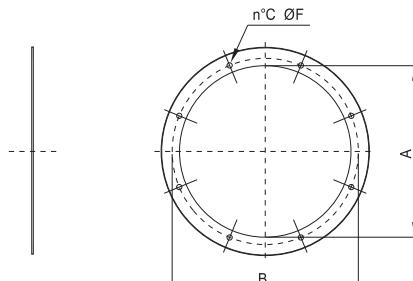


TYPE	ØA	Kg
CCga 40	450	0,8
CCga 45	500	1,0
CCga 50	560	1,3
CCga 56	620	1,6
CCga 63	690	1,9
CCga 71	770	2,2
CCga 80	860	3,0
CCga 90	970	3,4
CCga 100	1070	3,5
CCga 112	1190	4,0
CCga 125	1320	4,5

Dimensions in mm
Indicative weights

COUNTER FLANGE CCF

Ring plate with holes according to UNI ISO6580 – EUROVENT standard, compatible with fan flange. It is used for easier connection between the CC fan and the duct.

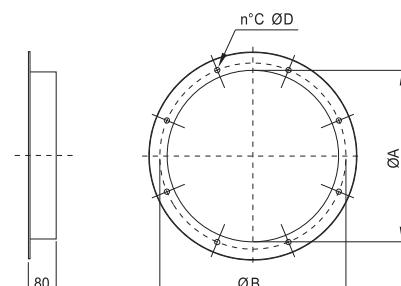


TYPE	ØA	ØB	C	ØD	Kg
CCga 40	400	450	8	12	1,7
CCga 45	450	500	8	12	1,9
CCga 50	500	560	12	12	2,1
CCga 56	560	620	12	12	2,4
CCga 63	630	690	12	12	2,7
CCga 71	710	770	16	12	3,3
CCga 80	800	860	16	12	3,7
CCga 90	900	970	16	16	4,7
CCga 100	1000	1070	16	16	5,2
CCga 112	1120	1190	20	16	6,5
CCga 125	1250	1320	20	16	8

Dimensions in mm
Indicative weights

COUNTER FLANGE WITH COLLAR CCfC

Counter flange with addition of 80 mm of round duct. It is used for easier connection between the CC fan and the duct.

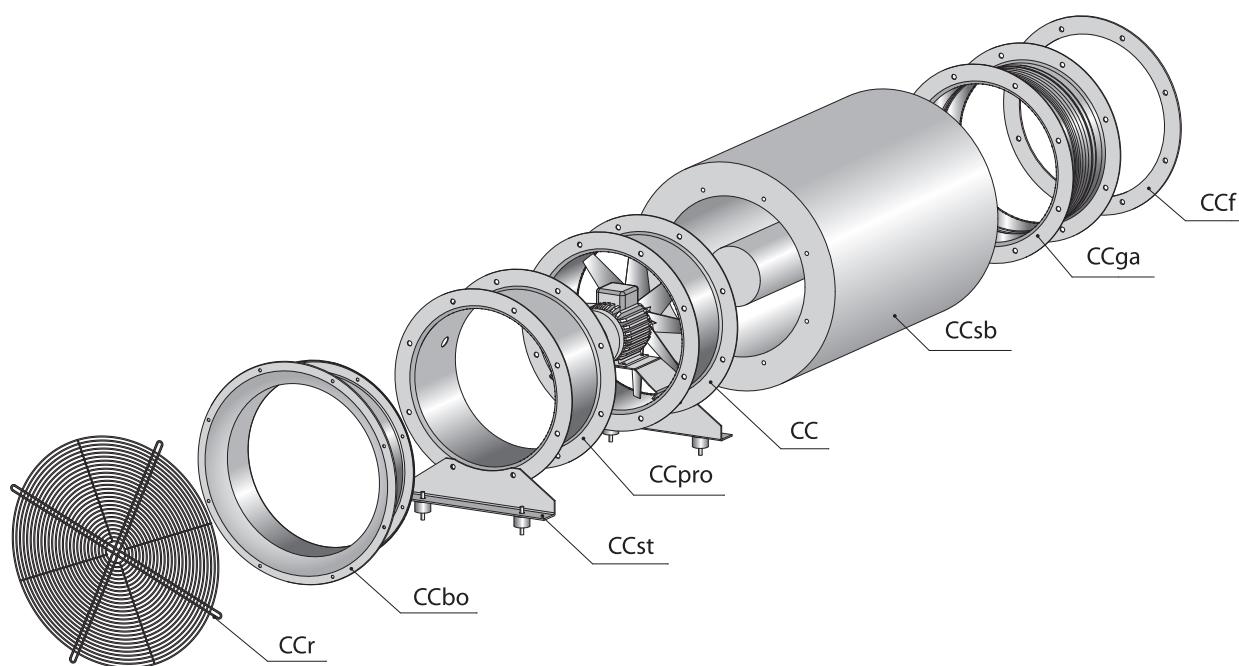
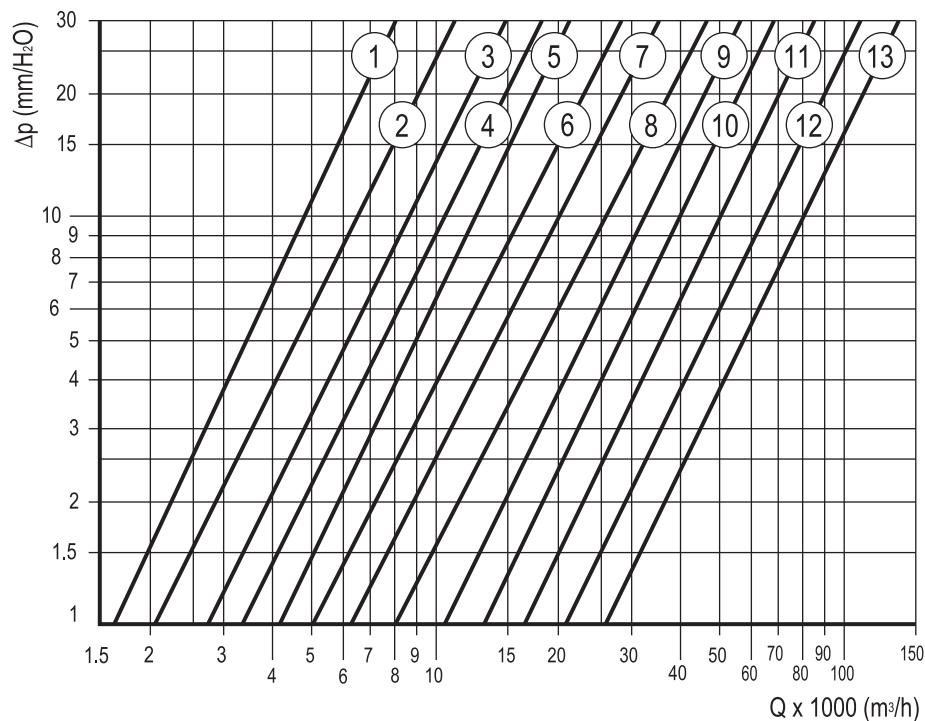


TYPE	ØA	ØB	C	ØD	Kg
CCga 40	400	450	8	12	1,7
CCga 45	450	500	8	12	2
CCga 50	500	560	12	12	2,2
CCga 56	560	620	12	12	2,5
CCga 63	630	690	12	12	2,9
CCga 71	710	770	16	12	3,3
CCga 80	800	860	16	12	3,8
CCga 90	900	970	16	16	4,2
CCga 100	1000	1070	16	16	5
CCga 112	1120	1190	20	16	5,8
CCga 125	1250	1320	20	16	6,5

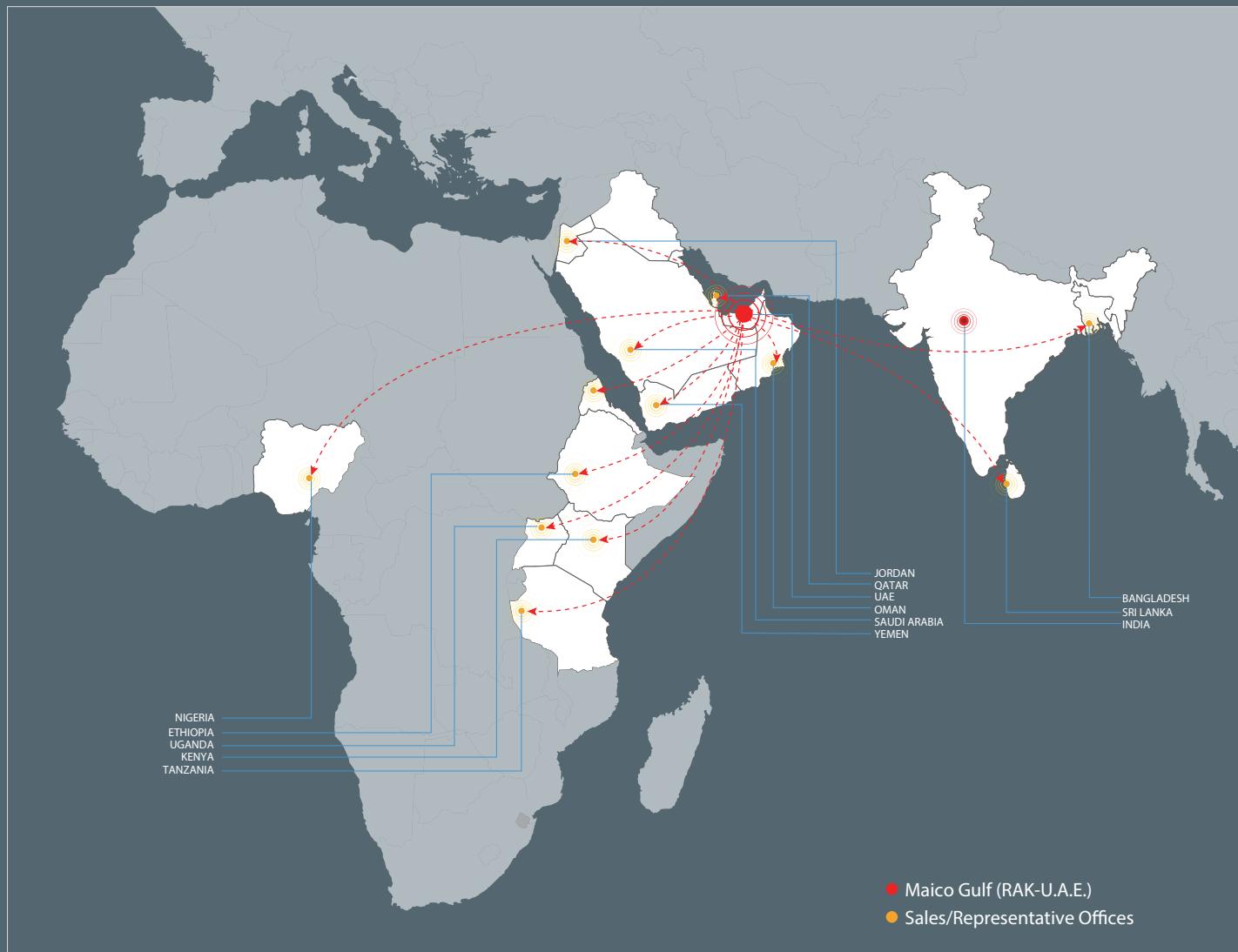
Dimensions in mm
Indicative weights

SILENCER WITH POD LOSS (CCsb)

 DYNAIR®







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