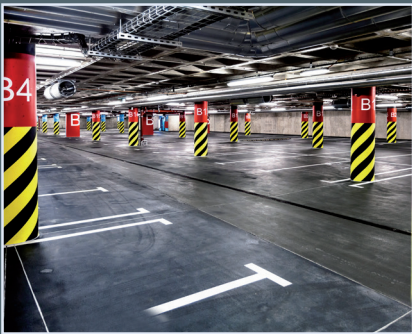
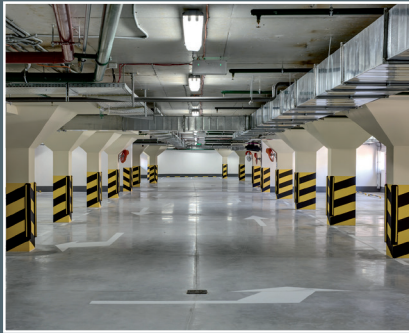


# TA-HT

## Duct Axial Fan F400

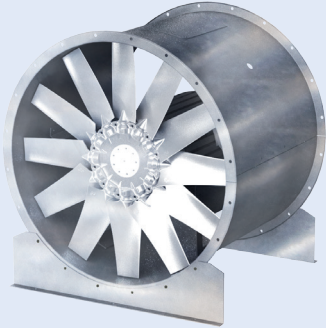




# > TA-HT



Duct Axial Fan F400 - (certified according to EN 12101-03)



Applus<sup>+</sup>

F400



Maico Gulf LLC. Certifies that the DYNIAIR model TA-HT 400 to 1250 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 comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to FEG for models TAHT 400 to TAHT 1250 only (Except Models TAHT-400-240-12-12, TAHT-400-240-12-9, TAHT-400-240-12-6, TAHT-450-240-12-12, TAHT-450-240-12-9, TAHT-450-240-12-6, TAHT-800-406-12-12)

The AMCA Certified Ratings Seal applies to air performance for model TAHT-400 to TAHT-1250 only.

## DESCRIPTION

The tube axial fans of TA-HT 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 1250 mm. TA-HT 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 in (S1) continuous service and 400 °C for 2 hrs in (S2) emergency service.

## CONSTRUCTION

- Long Casing in sheet steel, with fixing flanges manufactured according to UNI ISO 6580-EUROVENT standard.
- 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 H, F400 certified according to the European directive EN 12101-3.

## ACCESSORIES (UPON REQUEST)

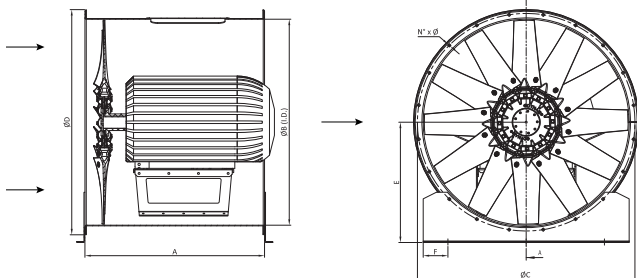
- Flat(CCr) Protection guard
- Flexible Connector (CCga).
- Inlet/Outlet bell Mouth (CCbo).
- Silencer with or without Pod, in three lengths (CCsa & CCsb).
- Counter Flange (CCf)/ Counter Flange with collar (CCfc)
- Anti-Vibration mounts

## UPON REQUEST

- Performances differing from standard
- 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-HT



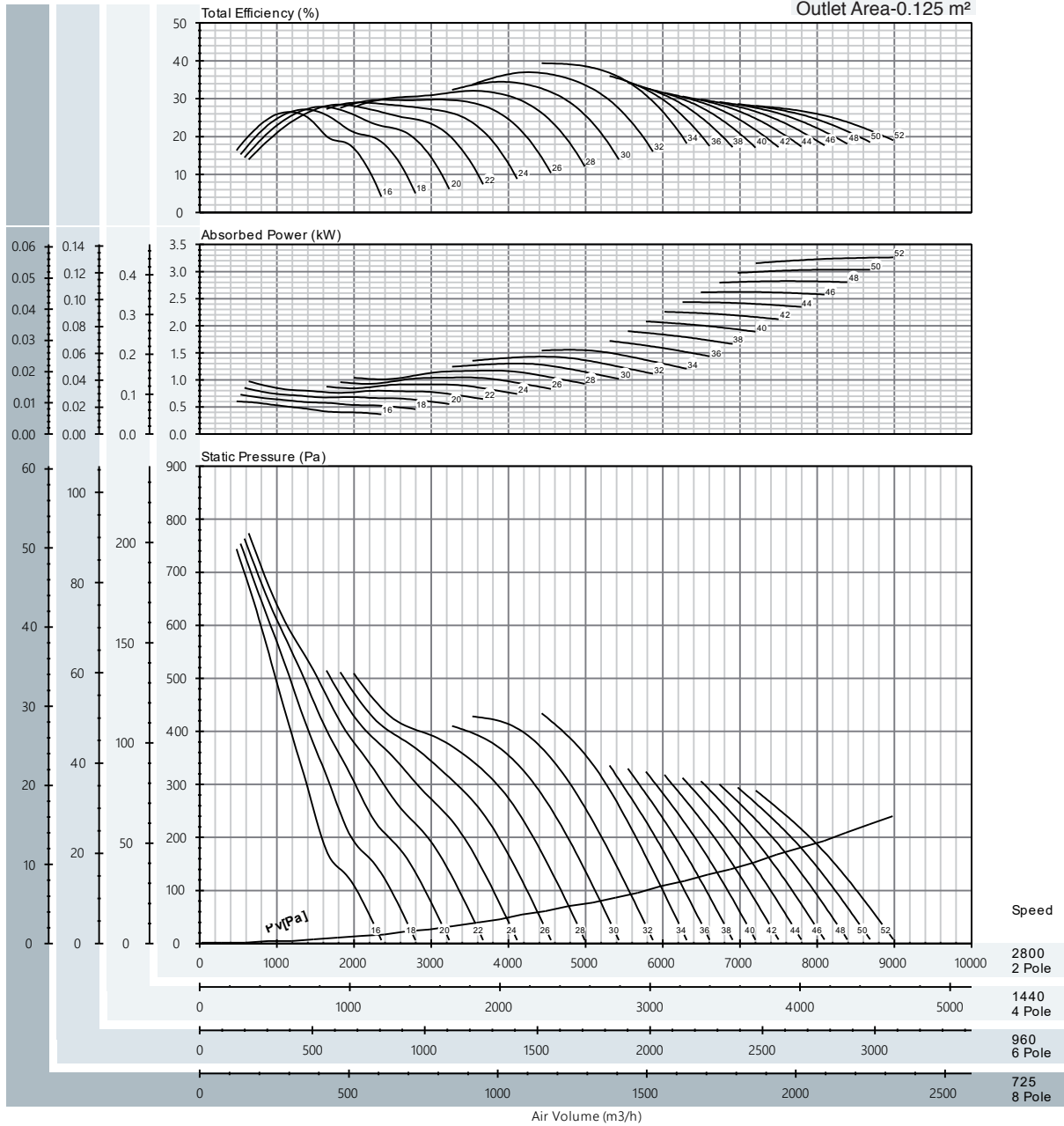
TYPE	A	ØB	ØC	ØD	E	F	N	Ø	Kg
TA-HT 400	450	400	450	502	290	50	8	12	14
TA-HT 450	450	450	500	553	315	50	8	12	16
TA-HT 500	575	500	560	603	355	53	8	12	23
TA-HT 560	575	560	620	663	380	50	8	12	26
TA-HT 630	725	630	690	733	420	75	12	12	47
TA-HT 710	600	710	770	813	437	75	16	12	42
TA-HT 800	650	800	860	903	485	70	16	12	49
TA-HT 900	770	900	970	1013	565	70	16	16	70
TA-HT 1000	840	1000	1070	1113	610	70	16	16	112
TA-HT 1120	840	1120	1190	1233	675	150	20	16	123
TA-HT 1250	1090	1250	1320	1367	730	150	20	16	175

Dimensions in mm

\*Weight without motor and impeller, refer fan data sheet (Software generated) for actual fan weight.

**50Hz**  
**TA-HT-400-240-12-12**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



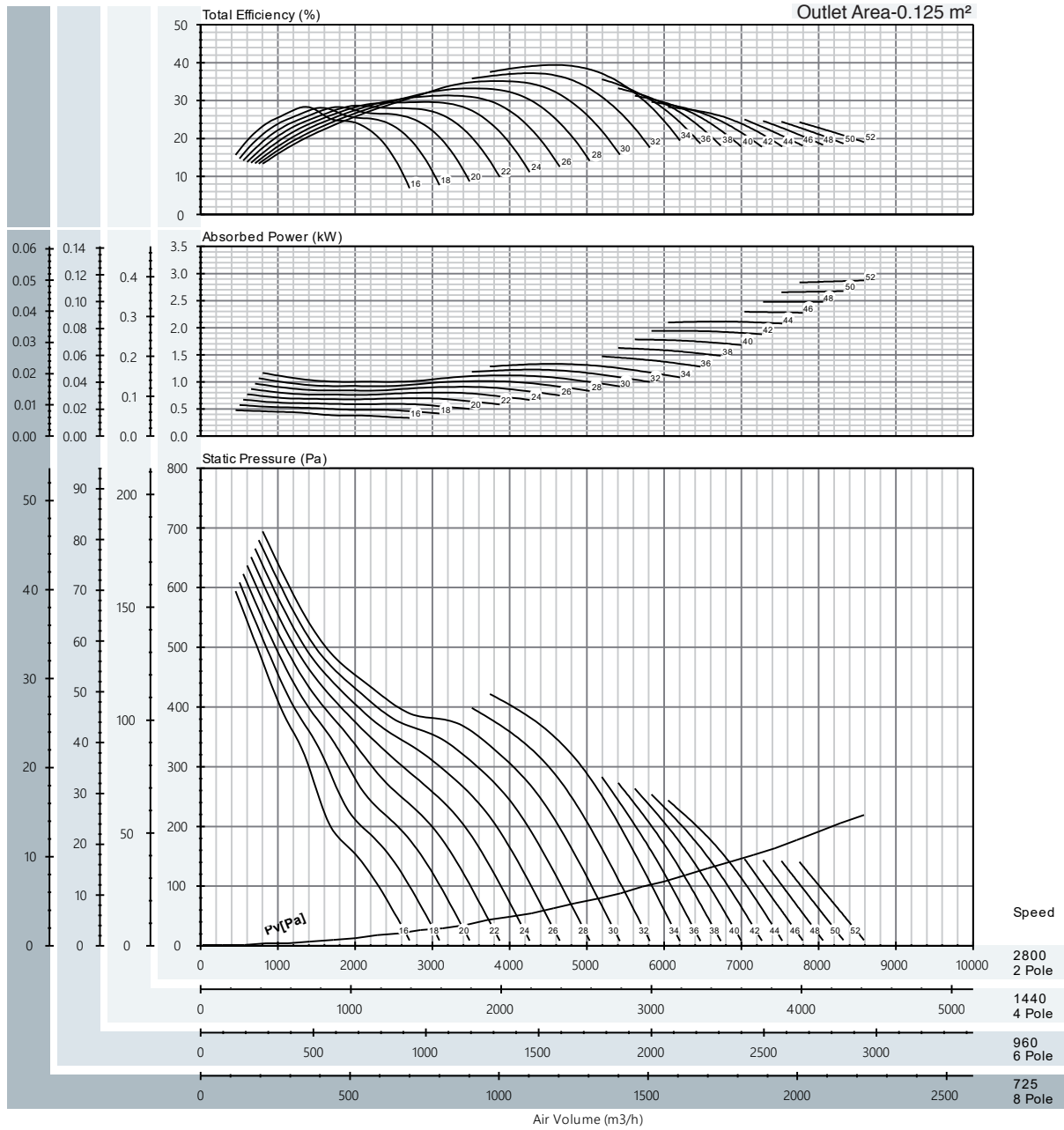
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.010	0.013	0.015	0.017	0.016	0.018	0.020	0.023	0.025	0.027	0.030	0.033	0.036	0.039	0.042	0.046	0.049	0.053	0.057
	0.04								0.06										
960 motor	0.024	0.029	0.034	0.039	0.037	0.042	0.047	0.052	0.058	0.063	0.069	0.077	0.084	0.091	0.098	0.106	0.114	0.122	0.131
	0.04			0.06			0.09			0.12			0.18						
1440 motor	0.082	0.099	0.116	0.133	0.125	0.142	0.159	0.177	0.195	0.212	0.234	0.258	0.283	0.307	0.332	0.357	0.384	0.413	0.444
	0.09	0.12	0.18			0.25			0.37			0.55							
2800 motor	0.602	0.726	0.851	0.975	0.916	1.044	1.172	1.302	1.430	1.556	1.720	1.899	2.079	2.258	2.438	2.623	2.825	3.036	3.262
	0.75		1.1			1.5			2.2			3			4				

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

50Hz  
TA-HT-400-240-12-9  
p = 1.2kg/m3

AXIAL FLOW FAN



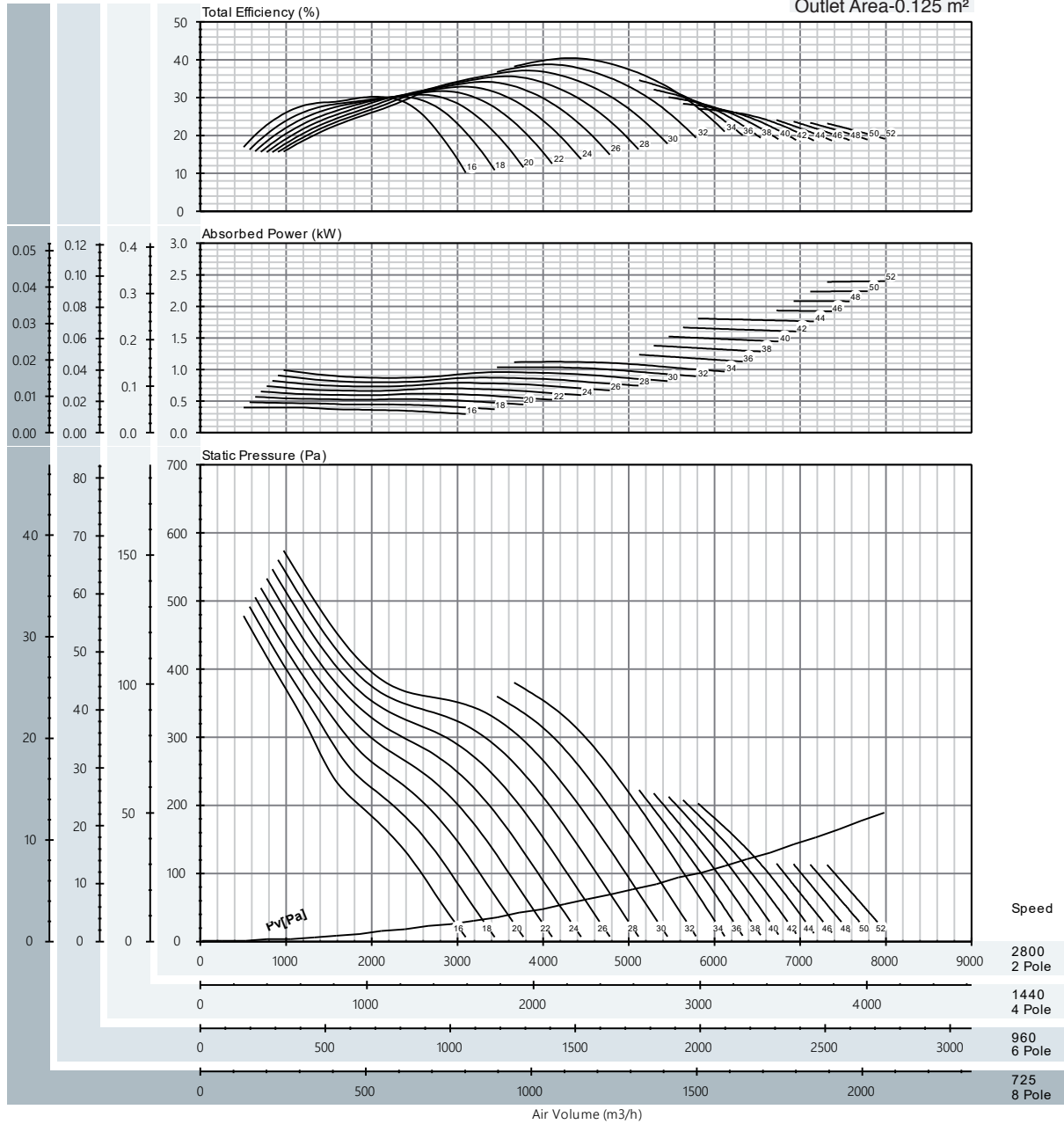
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.008	0.010	0.012	0.013	0.015	0.017	0.019	0.020	0.021	0.023	0.026	0.028	0.031	0.034	0.037	0.040	0.043	0.046	0.050
960 motor	0.019	0.023	0.027	0.031	0.035	0.039	0.043	0.047	0.049	0.054	0.059	0.066	0.072	0.078	0.085	0.092	0.100	0.108	0.116
1440 motor	0.065	0.078	0.092	0.105	0.118	0.132	0.145	0.159	0.167	0.181	0.200	0.221	0.243	0.264	0.288	0.312	0.337	0.364	0.391
2800 motor	0.476	0.575	0.673	0.772	0.870	0.969	1.067	1.166	1.227	1.333	1.471	1.627	1.784	1.943	2.116	2.295	2.476	2.675	2.874

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

**50Hz**  
**TA-HT-400-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



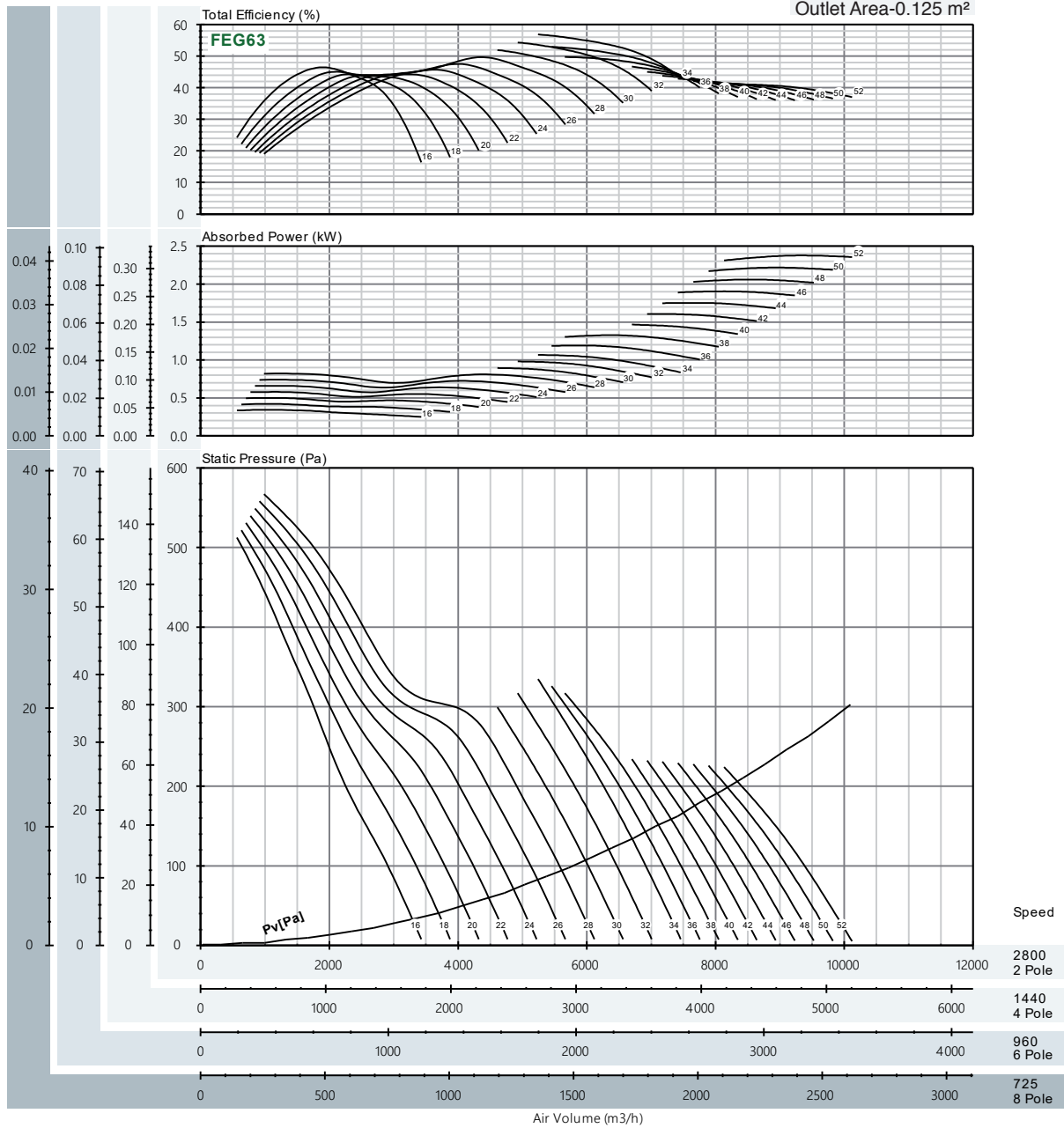
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																			
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
725 motor	0.007	0.008	0.010	0.011	0.013	0.014	0.016	0.017	0.018	0.019	0.021	0.024	0.026	0.029	0.031	0.034	0.036	0.039	0.042	0.06
960 motor	0.016	0.019	0.023	0.026	0.030	0.033	0.037	0.040	0.042	0.045	0.050	0.056	0.061	0.067	0.073	0.078	0.084	0.090	0.097	0.12
1440 motor	0.054	0.066	0.077	0.089	0.100	0.112	0.123	0.135	0.141	0.153	0.168	0.188	0.207	0.227	0.246	0.263	0.284	0.305	0.326	0.37
2800 motor	0.398	0.482	0.567	0.652	0.737	0.822	0.907	0.992	1.037	1.122	1.236	1.379	1.522	1.666	1.809	1.935	2.086	2.240	2.399	3

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

**50Hz**  
**TA-HT-400-150-6-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



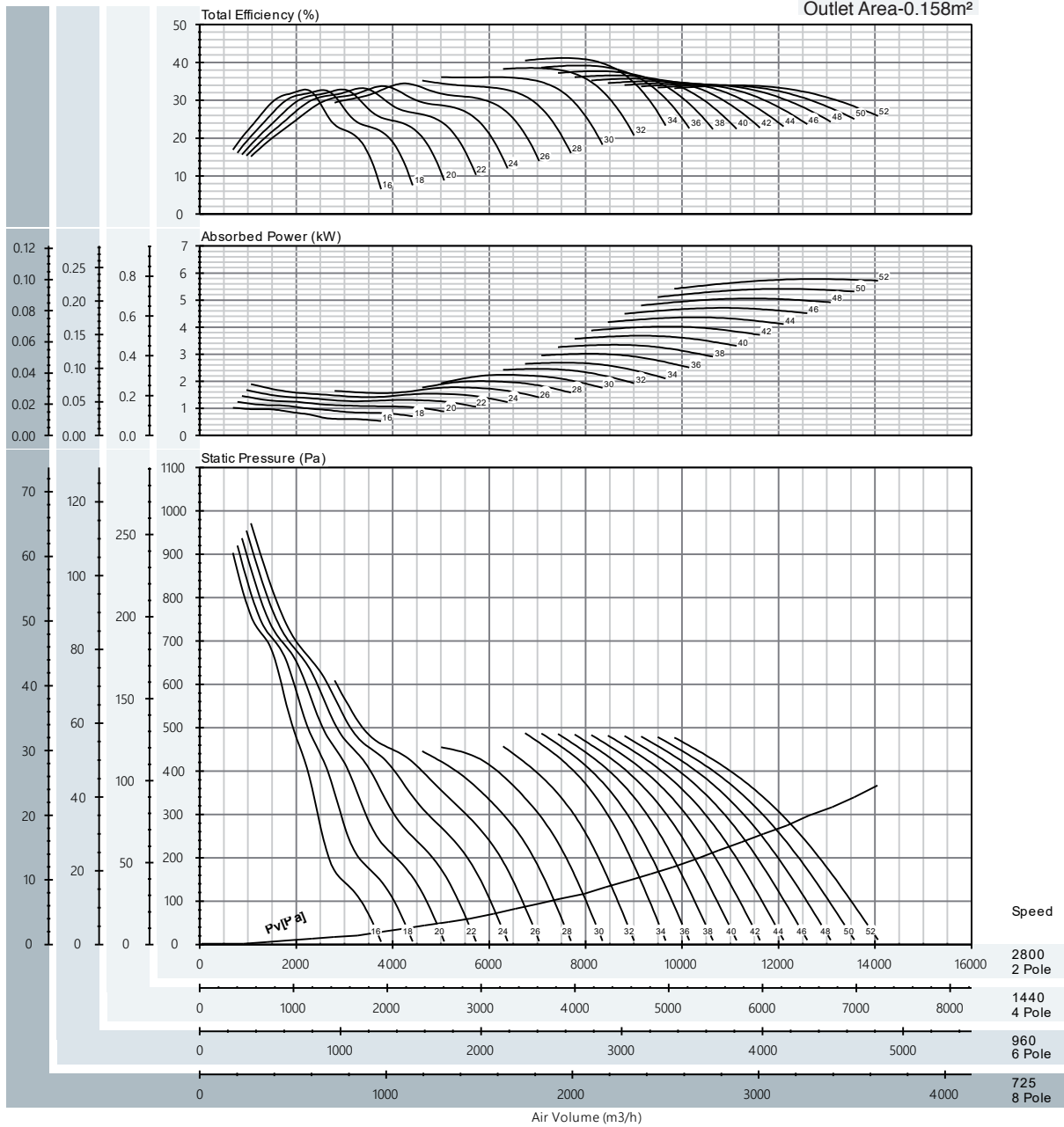
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°		
725 motor	0.006	0.007	0.009	0.010	0.011	0.013	0.014	0.016	0.017	0.019	0.021	0.023	0.025	0.028	0.030	0.033	0.036	0.039	0.041		
	0.04																				
960 motor	0.014	0.017	0.020	0.023	0.027	0.030	0.033	0.036	0.040	0.043	0.048	0.053	0.059	0.065	0.071	0.077	0.083	0.089	0.096		
				0.04						0.06						0.09			0.12		
1440 motor	0.047	0.057	0.068	0.079	0.090	0.101	0.111	0.122	0.133	0.145	0.162	0.180	0.200	0.219	0.239	0.259	0.280	0.302	0.323		
	0.06		0.09		0.12		0.18		0.25		0.37										
2800 motor	0.343	0.421	0.500	0.579	0.659	0.739	0.820	0.895	0.981	1.067	1.191	1.326	1.467	1.608	1.754	1.906	2.061	2.219	2.378		
	0.37	0.55		0.75		1.1			1.5			2.2			3						

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

50Hz  
TA-HT-450-240-12-12  
p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.018	0.022	0.025	0.029	0.033	0.031	0.035	0.039	0.043	0.047	0.052	0.058	0.064	0.070	0.076	0.082	0.088	0.094	0.100
960 motor	0.041	0.050	0.059	0.068	0.076	0.072	0.081	0.090	0.099	0.108	0.122	0.135	0.148	0.162	0.176	0.190	0.204	0.218	0.233
1440 motor	0.139	0.169	0.198	0.228	0.257	0.242	0.273	0.305	0.334	0.366	0.410	0.455	0.501	0.547	0.594	0.641	0.689	0.737	0.786
2800 motor	1.023	1.240	1.458	1.675	1.892	1.776	2.006	2.239	2.458	2.689	3.017	3.349	3.683	4.023	4.365	4.712	5.063	5.418	5.779

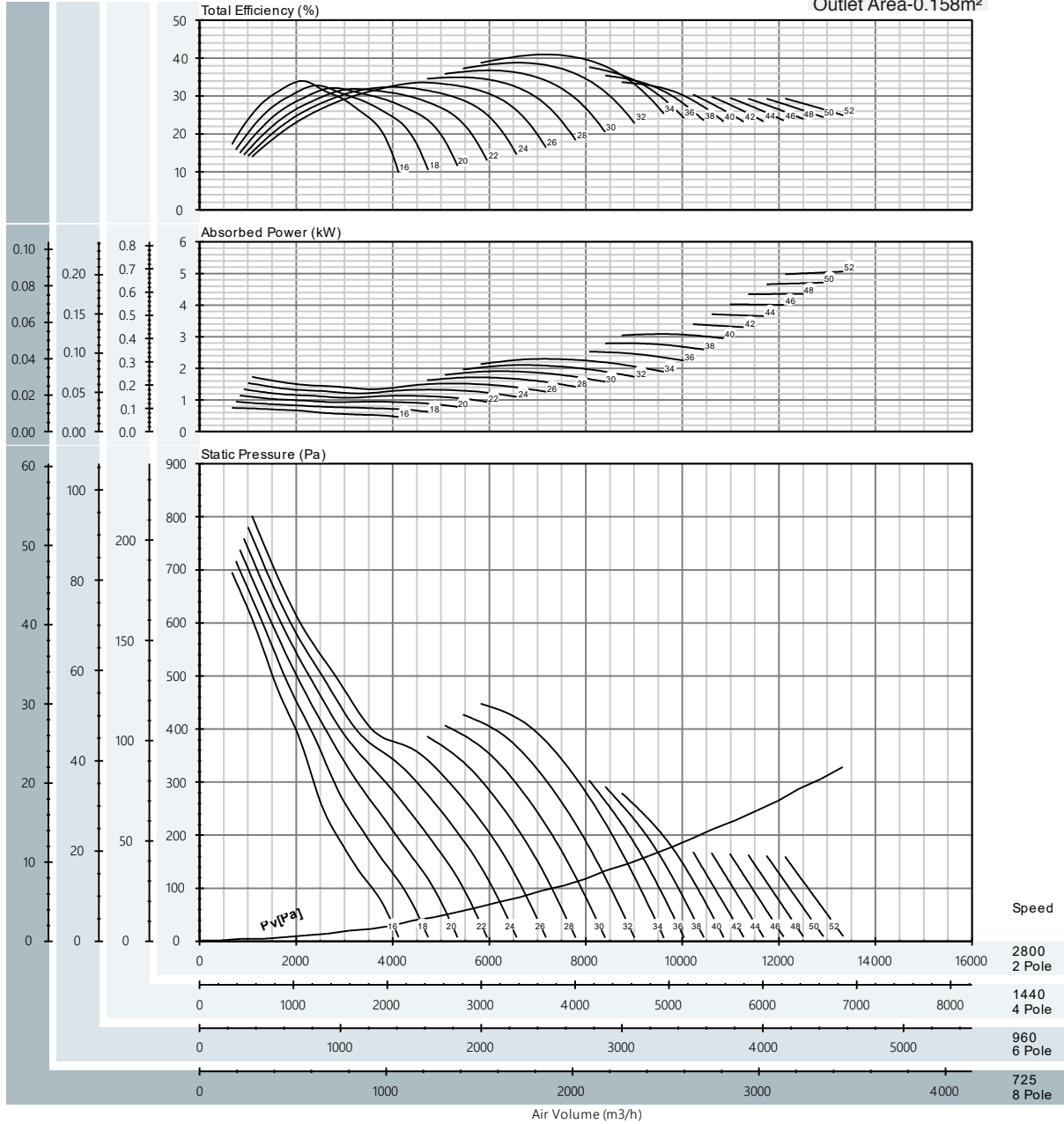
\* Performance certified is for installation type D-Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



**50Hz**  
**TA-HT-450-240-12-9**  
 ρ = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.158m<sup>2</sup>



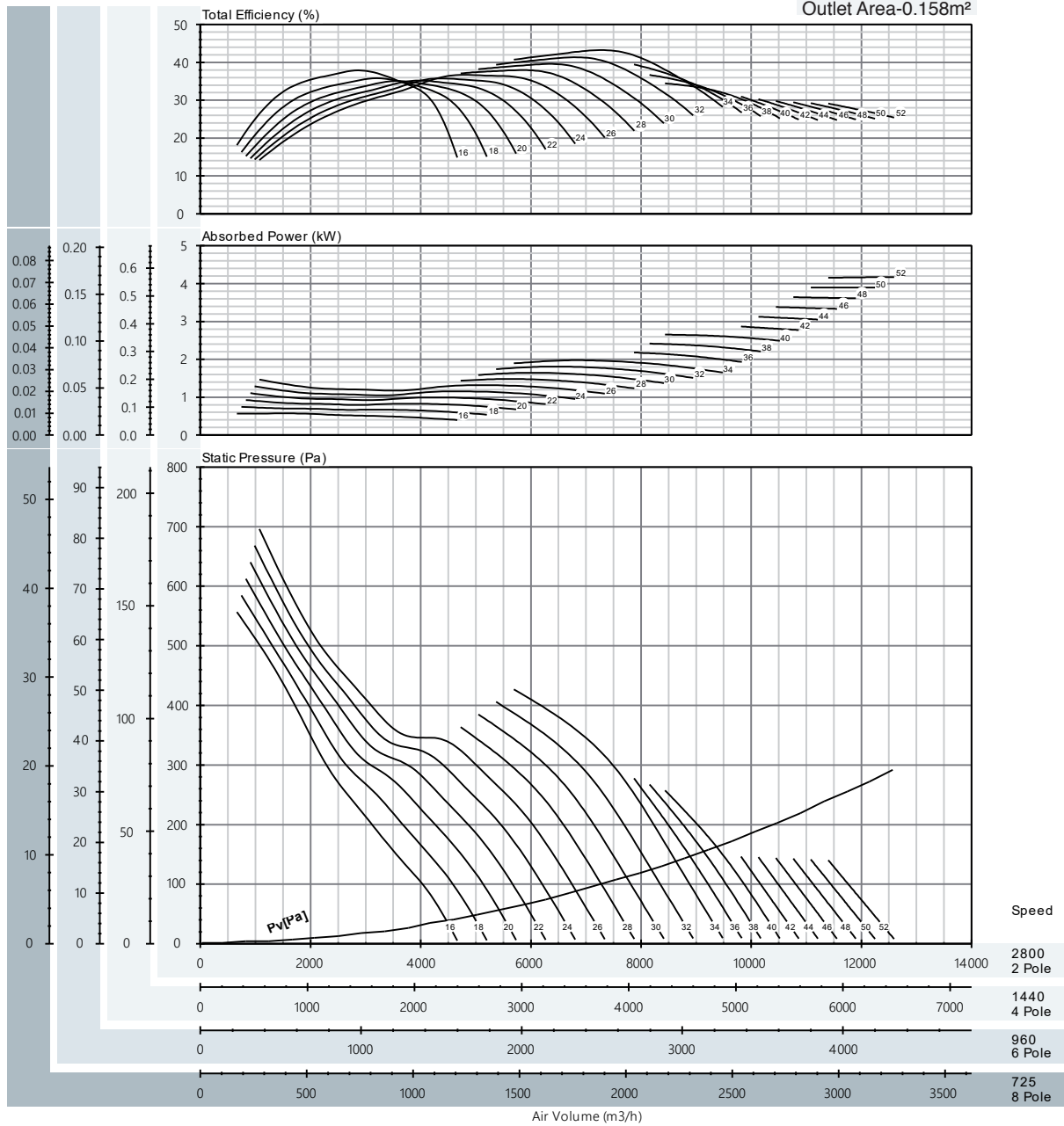
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.013	0.016	0.020	0.023	0.027	0.030	0.030	0.033	0.037	0.040	0.044	0.048	0.054	0.059	0.064	0.070	0.076	0.082	0.088
960 motor	0.030	0.038	0.046	0.054	0.062	0.070	0.069	0.077	0.085	0.093	0.102	0.113	0.124	0.137	0.150	0.162	0.176	0.190	0.204
1440 motor	0.102	0.128	0.155	0.182	0.209	0.236	0.233	0.260	0.286	0.313	0.344	0.380	0.420	0.462	0.505	0.548	0.593	0.641	0.689
2800 motor	0.747	0.944	1.141	1.338	1.536	1.733	1.716	1.911	2.105	2.300	2.530	2.792	3.086	3.396	3.712	4.029	4.359	4.712	5.064

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

**50Hz**  
**TA-HT-450-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



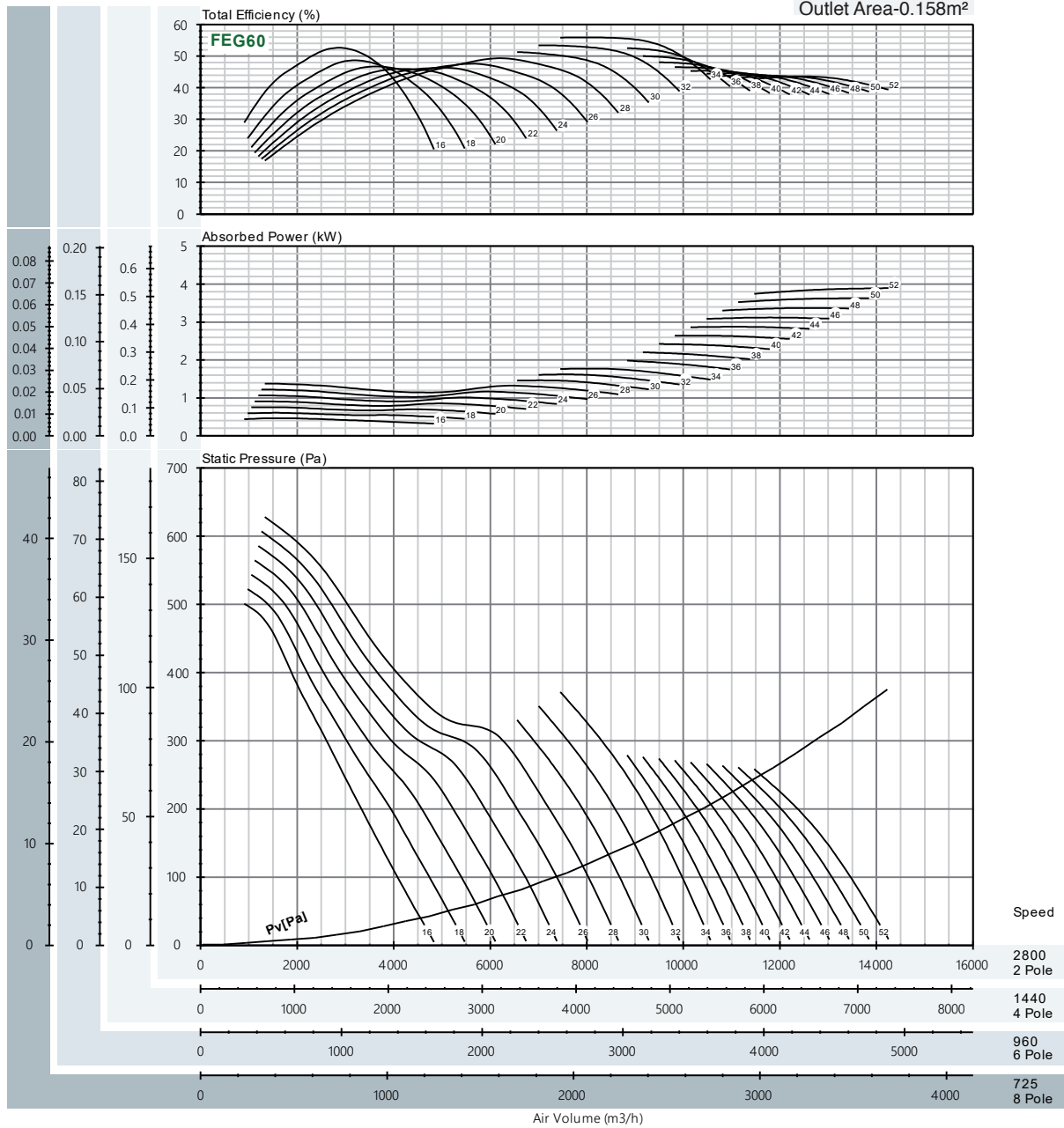
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.010	0.013	0.016	0.019	0.022	0.025	0.026	0.029	0.031	0.034	0.038	0.042	0.046	0.050	0.054	0.059	0.063	0.068	0.072
960 motor	0.023	0.030	0.037	0.045	0.052	0.059	0.060	0.066	0.073	0.080	0.088	0.097	0.107	0.116	0.126	0.136	0.147	0.157	0.168
1440 motor	0.078	0.101	0.126	0.150	0.175	0.199	0.202	0.224	0.246	0.269	0.296	0.329	0.361	0.390	0.425	0.460	0.495	0.530	0.568
2800 motor	0.570	0.746	0.926	1.106	1.285	1.465	1.482	1.646	1.810	1.975	2.179	2.416	2.653	2.868	3.126	3.384	3.642	3.900	4.174

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

**50Hz**  
**TA-HT-450-150-6-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



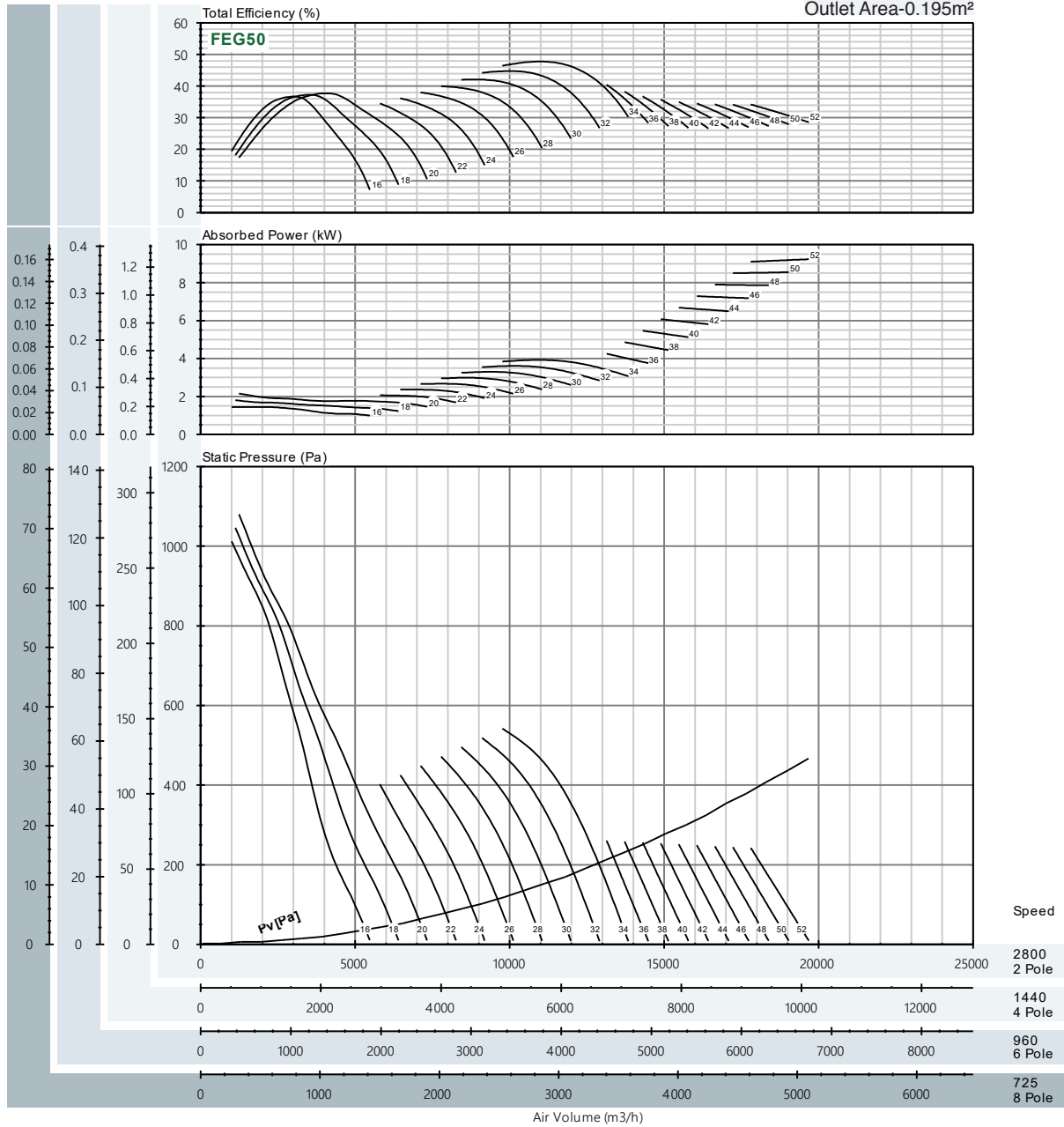
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.008	0.011	0.013	0.016	0.018	0.021	0.024	0.025	0.028	0.031	0.034	0.038	0.042	0.046	0.050	0.054	0.058	0.063	0.068
960 motor	0.019	0.024	0.030	0.037	0.043	0.049	0.056	0.059	0.065	0.071	0.080	0.089	0.098	0.107	0.116	0.126	0.136	0.146	0.157
1440 motor	0.063	0.082	0.102	0.124	0.145	0.166	0.188	0.199	0.220	0.241	0.270	0.300	0.330	0.360	0.391	0.424	0.458	0.493	0.530
2800 motor	0.465	0.605	0.753	0.908	1.065	1.223	1.380	1.463	1.618	1.772	1.983	2.203	2.424	2.644	2.877	3.120	3.369	3.626	3.894

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

**50Hz**  
**TA-HT-500-240-12-12**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



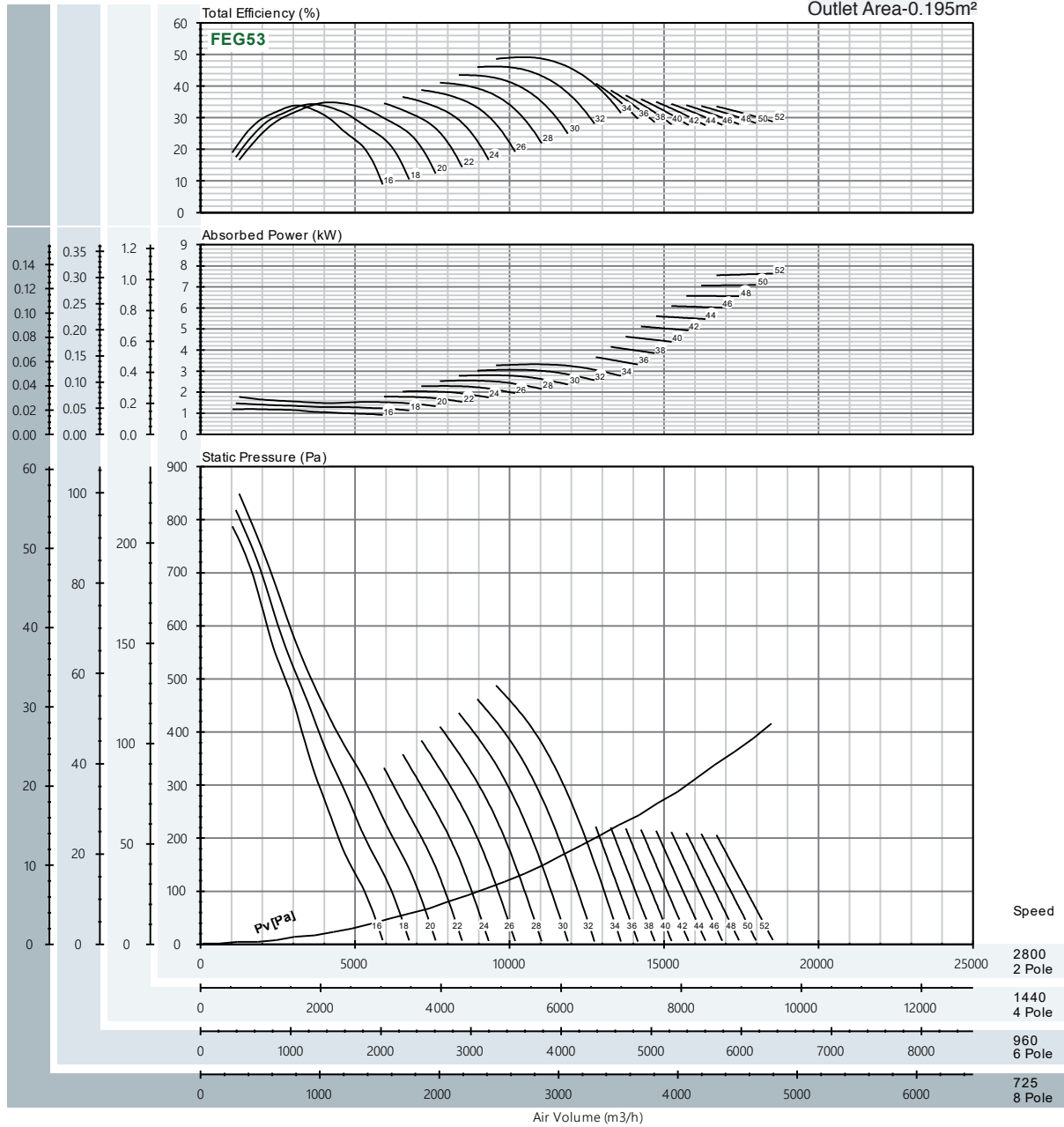
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.025	0.031	0.037	0.036	0.041	0.046	0.052	0.057	0.063	0.068	0.074	0.084	0.095	0.105	0.116	0.127	0.137	0.148	0.160
960 motor	0.058	0.073	0.087	0.083	0.095	0.108	0.120	0.133	0.146	0.158	0.171	0.196	0.220	0.245	0.269	0.294	0.318	0.345	0.372
1440 motor	0.197	0.245	0.293	0.281	0.322	0.364	0.406	0.449	0.491	0.534	0.579	0.661	0.744	0.826	0.909	0.991	1.074	1.163	1.256
2800 motor	1.450	1.803	2.156	2.066	2.364	2.674	2.986	3.299	3.612	3.925	4.255	4.862	5.468	6.075	6.682	7.288	7.895	8.550	9.235

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

**50Hz**  
**TA-HT-500-240-12-9**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



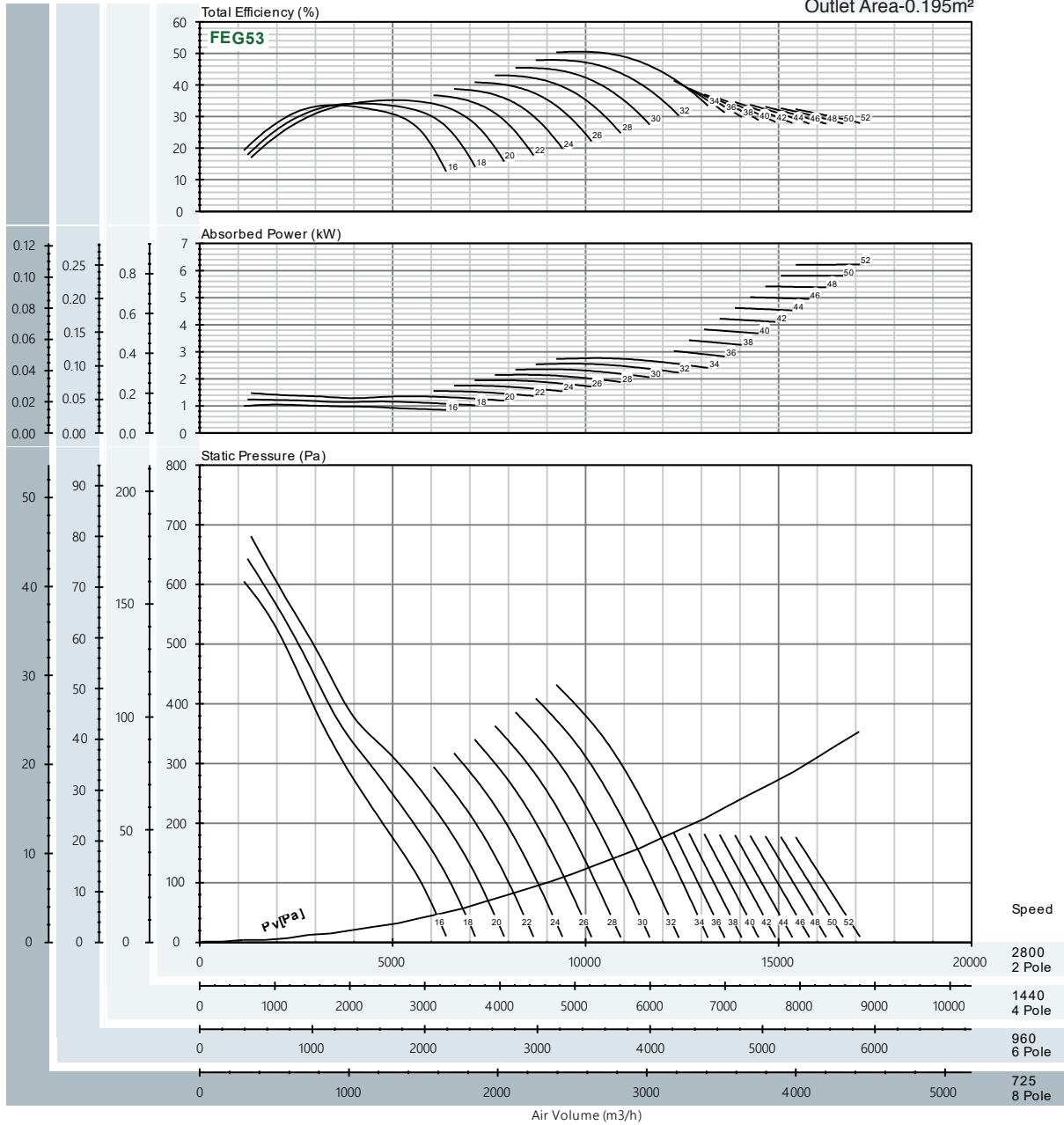
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.021	0.026	0.031	0.031	0.035	0.040	0.044	0.049	0.053	0.058	0.064	0.072	0.081	0.089	0.097	0.106	0.114	0.123	0.133
	0.04			0.06			0.09			0.12			0.18						
960 motor	0.048	0.060	0.071	0.072	0.082	0.093	0.103	0.113	0.124	0.134	0.148	0.167	0.187	0.207	0.226	0.246	0.265	0.286	0.308
	0.06		0.09		0.12		0.18		0.25		0.37		0.55		0.75		1.1		
1440 motor	0.163	0.201	0.241	0.244	0.278	0.312	0.347	0.382	0.418	0.453	0.499	0.565	0.631	0.697	0.763	0.829	0.895	0.965	1.038
	0.18		0.25		0.37		0.55		0.75		1.1		1.5		2.2		3		
2800 motor	1.200	1.480	1.773	1.791	2.041	2.297	2.554	2.811	3.070	3.327	3.669	4.154	4.639	5.124	5.609	6.095	6.580	7.094	7.634
	1.5		2.2		3		4		5.5		7.5		11		15		20		

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

**50Hz**  
**TA-HT-500-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



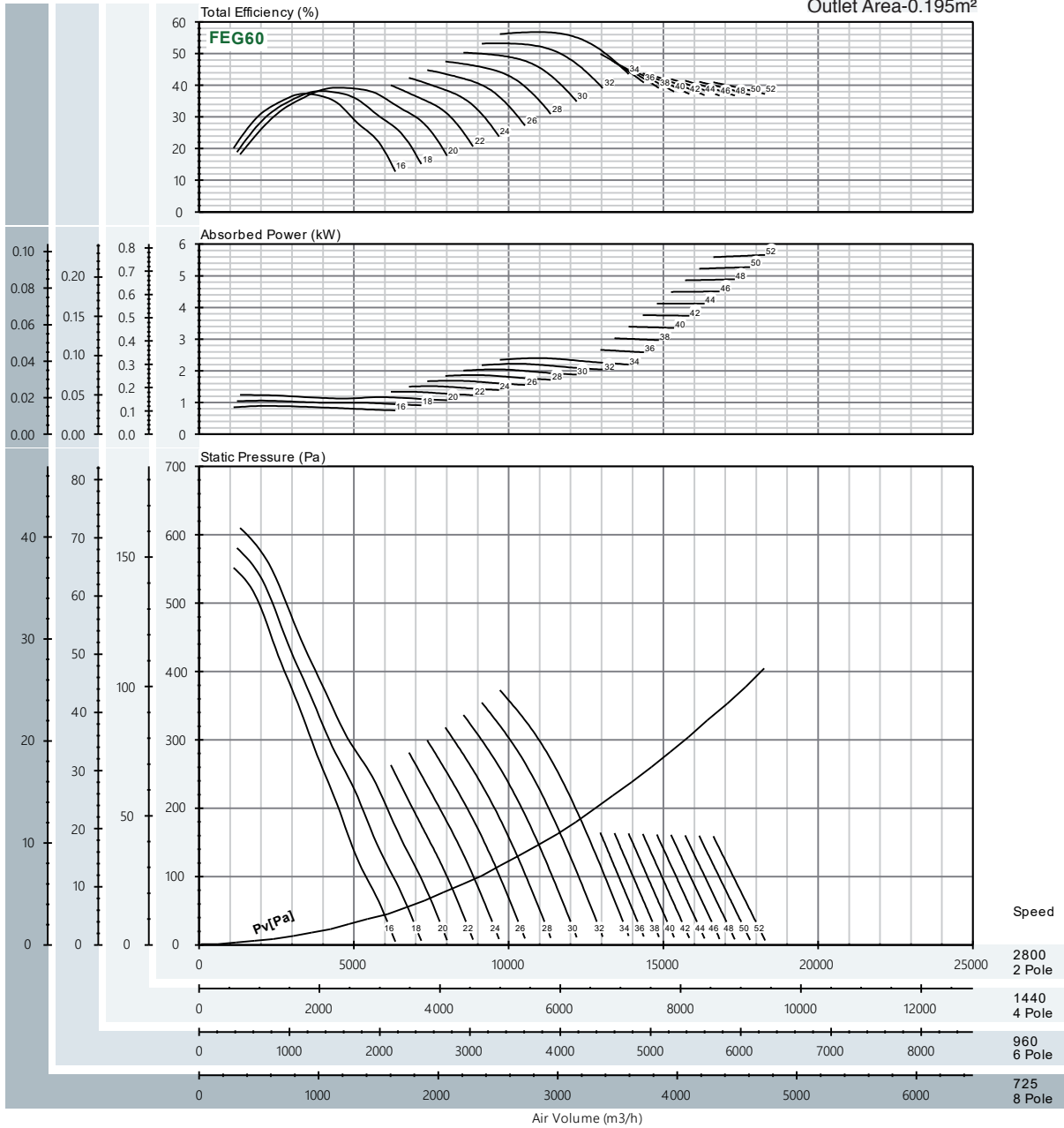
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																			
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
725 motor	0.018	0.022	0.026	0.027	0.030	0.034	0.037	0.041	0.044	0.048	0.053	0.060	0.066	0.073	0.080	0.087	0.094	0.101	0.108	
960 motor	0.042	0.050	0.060	0.063	0.071	0.079	0.087	0.095	0.103	0.111	0.122	0.138	0.154	0.170	0.186	0.202	0.218	0.234	0.251	
1440 motor	0.143	0.169	0.201	0.211	0.238	0.265	0.293	0.321	0.348	0.376	0.412	0.466	0.521	0.575	0.629	0.683	0.737	0.791	0.847	
2800 motor	1.049	1.239	1.477	1.553	1.749	1.951	2.153	2.357	2.560	2.764	3.032	3.429	3.827	4.224	4.622	5.019	5.417	5.814	6.229	
	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).

**50Hz**  
**TA-HT-500-150-6-6**  
p = 1.2kg/m3

AXIAL FLOW FAN



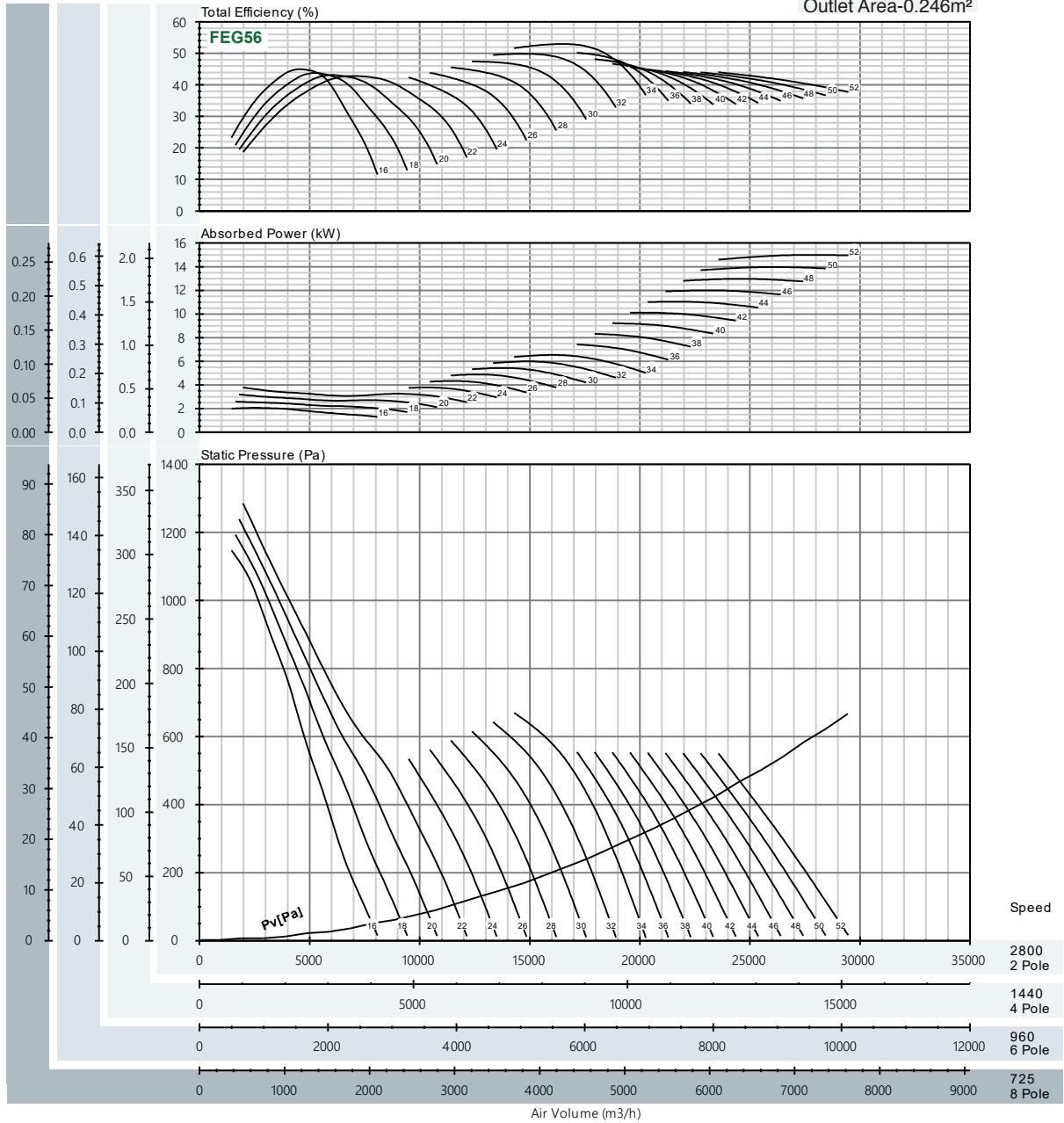
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.015	0.018	0.021	0.023	0.026	0.029	0.032	0.036	0.039	0.042	0.046	0.053	0.059	0.065	0.072	0.078	0.085	0.092	0.098
960 motor	0.036	0.043	0.050	0.054	0.061	0.068	0.075	0.082	0.090	0.097	0.107	0.122	0.137	0.152	0.166	0.182	0.197	0.213	0.228
1440 motor	0.121	0.144	0.168	0.182	0.206	0.230	0.254	0.278	0.302	0.327	0.362	0.412	0.462	0.511	0.561	0.613	0.665	0.718	0.770
2800 motor	0.891	1.057	1.238	1.338	1.514	1.691	1.868	2.046	2.223	2.401	2.663	3.029	3.395	3.760	4.126	4.508	4.892	5.277	5.661
	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).

50Hz  
TA-HT-560-240-12-12  
p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.036	0.045	0.055	0.066	0.066	0.075	0.085	0.094	0.104	0.114	0.129	0.145	0.160	0.176	0.192	0.208	0.225	0.243	0.260
960 motor	0.083	0.104	0.129	0.153	0.152	0.175	0.197	0.219	0.241	0.264	0.299	0.336	0.372	0.408	0.445	0.484	0.523	0.563	0.604
1440 motor	0.281	0.352	0.434	0.515	0.515	0.589	0.664	0.739	0.815	0.890	1.011	1.133	1.255	1.377	1.502	1.632	1.765	1.901	2.040
2800 motor	2.064	2.589	3.189	3.788	3.783	4.333	4.884	5.436	5.990	6.542	7.431	8.328	9.224	10.121	11.045	12.000	12.978	13.975	14.996

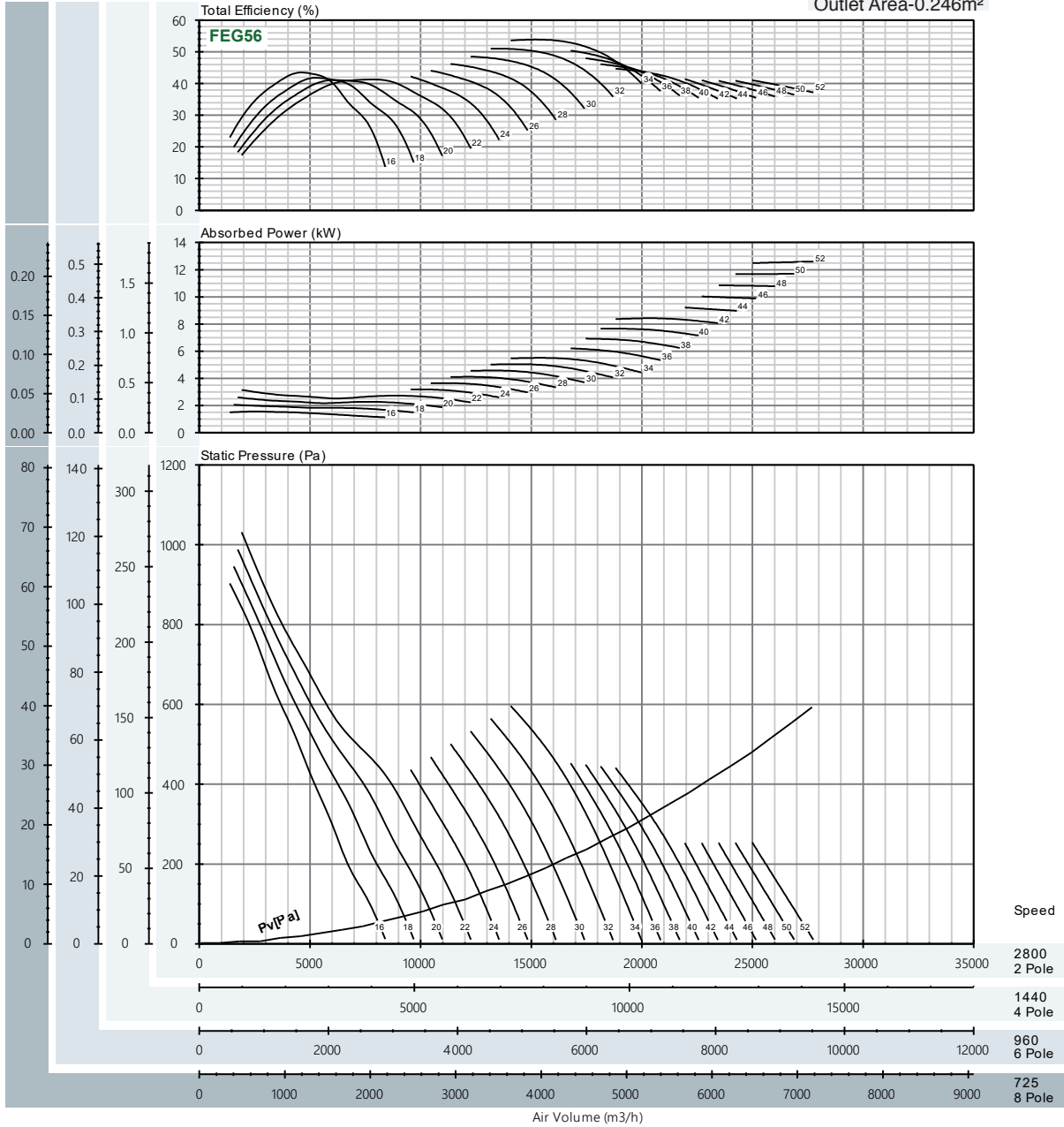
\* Performance certified is for installation type D-Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



**50Hz**  
**TA-HT-560-240-12-9**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.246m<sup>2</sup>



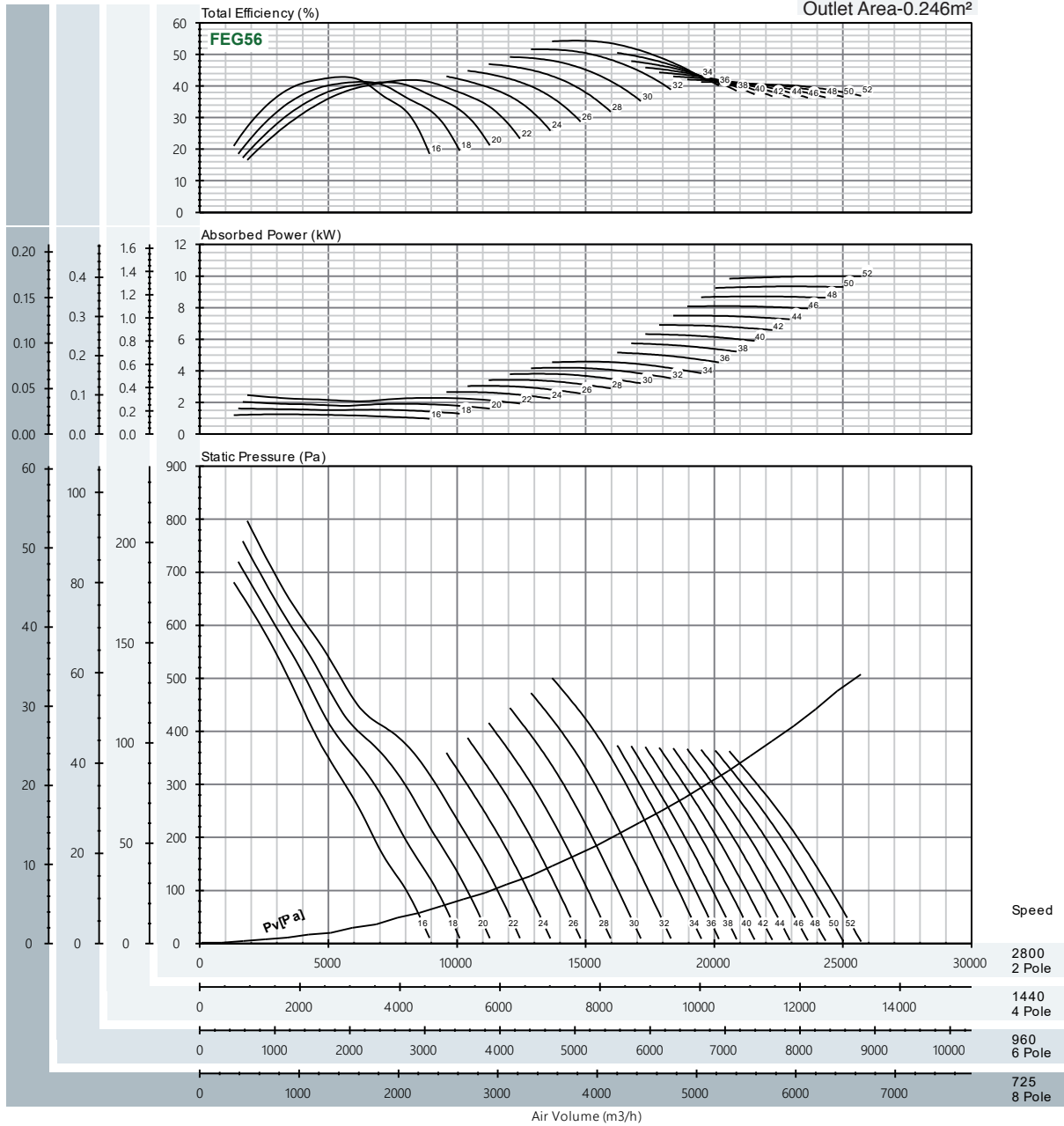
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.027	0.036	0.045	0.055	0.055	0.063	0.071	0.080	0.088	0.096	0.108	0.120	0.133	0.146	0.160	0.174	0.188	0.203	0.219
960 motor	0.063	0.083	0.105	0.127	0.128	0.147	0.166	0.185	0.203	0.222	0.250	0.279	0.309	0.340	0.371	0.404	0.437	0.471	0.508
1440 motor	0.212	0.280	0.354	0.429	0.433	0.496	0.559	0.623	0.686	0.750	0.845	0.943	1.041	1.146	1.254	1.365	1.476	1.591	1.715
2800 motor	1.556	2.056	2.605	3.154	3.186	3.648	4.113	4.580	5.047	5.514	6.212	6.931	7.656	8.425	9.217	10.035	10.854	11.698	12.606

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

**50Hz**  
**TA-HT-560-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



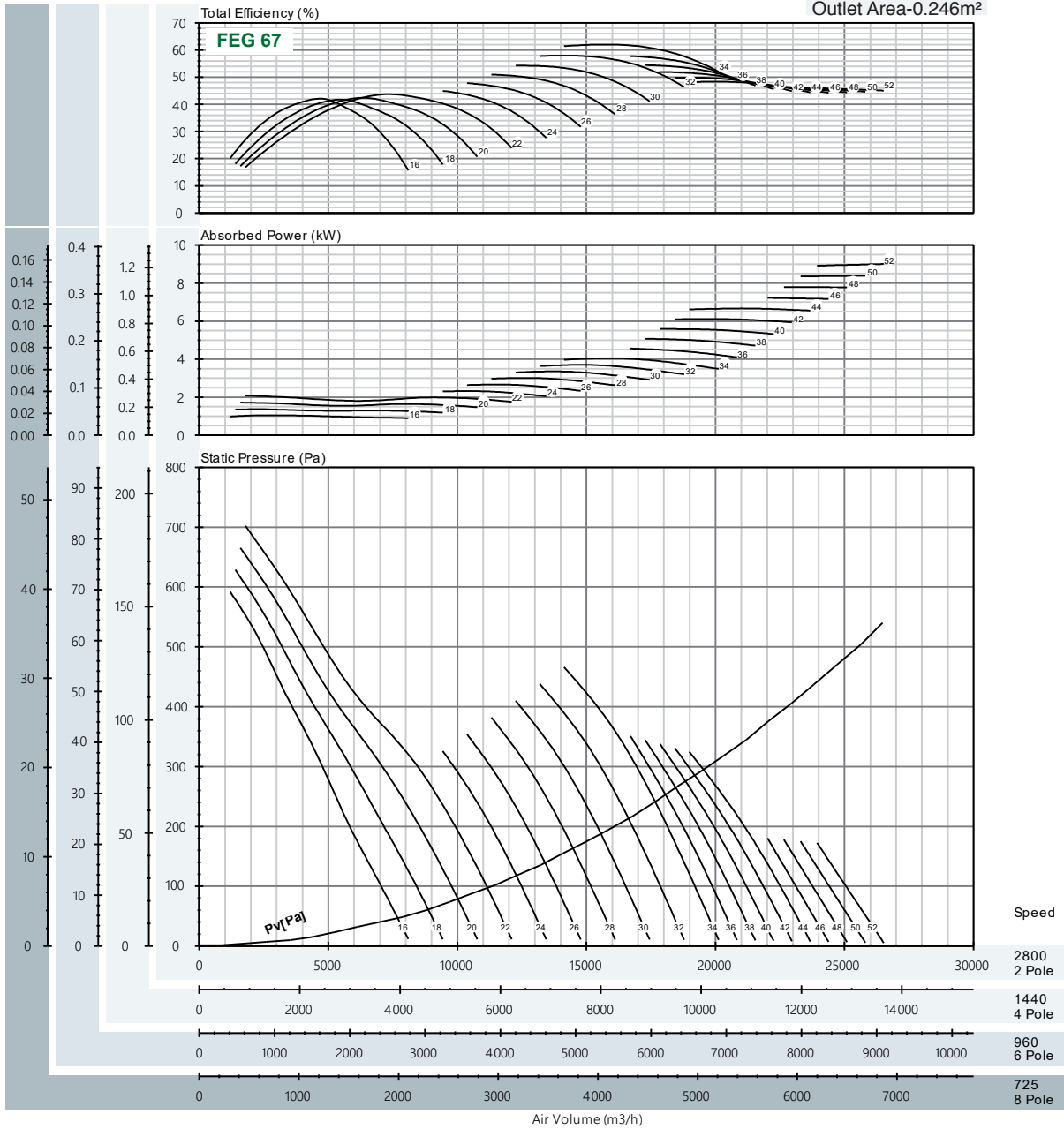
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.022	0.028	0.035	0.043	0.046	0.053	0.060	0.066	0.073	0.080	0.090	0.100	0.110	0.120	0.130	0.141	0.151	0.162	0.174
960 motor	0.051	0.065	0.082	0.100	0.107	0.123	0.138	0.154	0.169	0.185	0.208	0.232	0.255	0.279	0.302	0.326	0.351	0.377	0.403
1440 motor	0.170	0.220	0.278	0.336	0.363	0.415	0.467	0.519	0.571	0.624	0.702	0.781	0.861	0.940	1.020	1.102	1.186	1.271	1.360
2800 motor	1.253	1.618	2.043	2.469	2.666	3.048	3.432	3.816	4.201	4.586	5.159	5.744	6.329	6.913	7.498	8.100	8.717	9.345	9.995

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

**50Hz**  
**TA-HT-560-150-6-6**  
 ρ = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



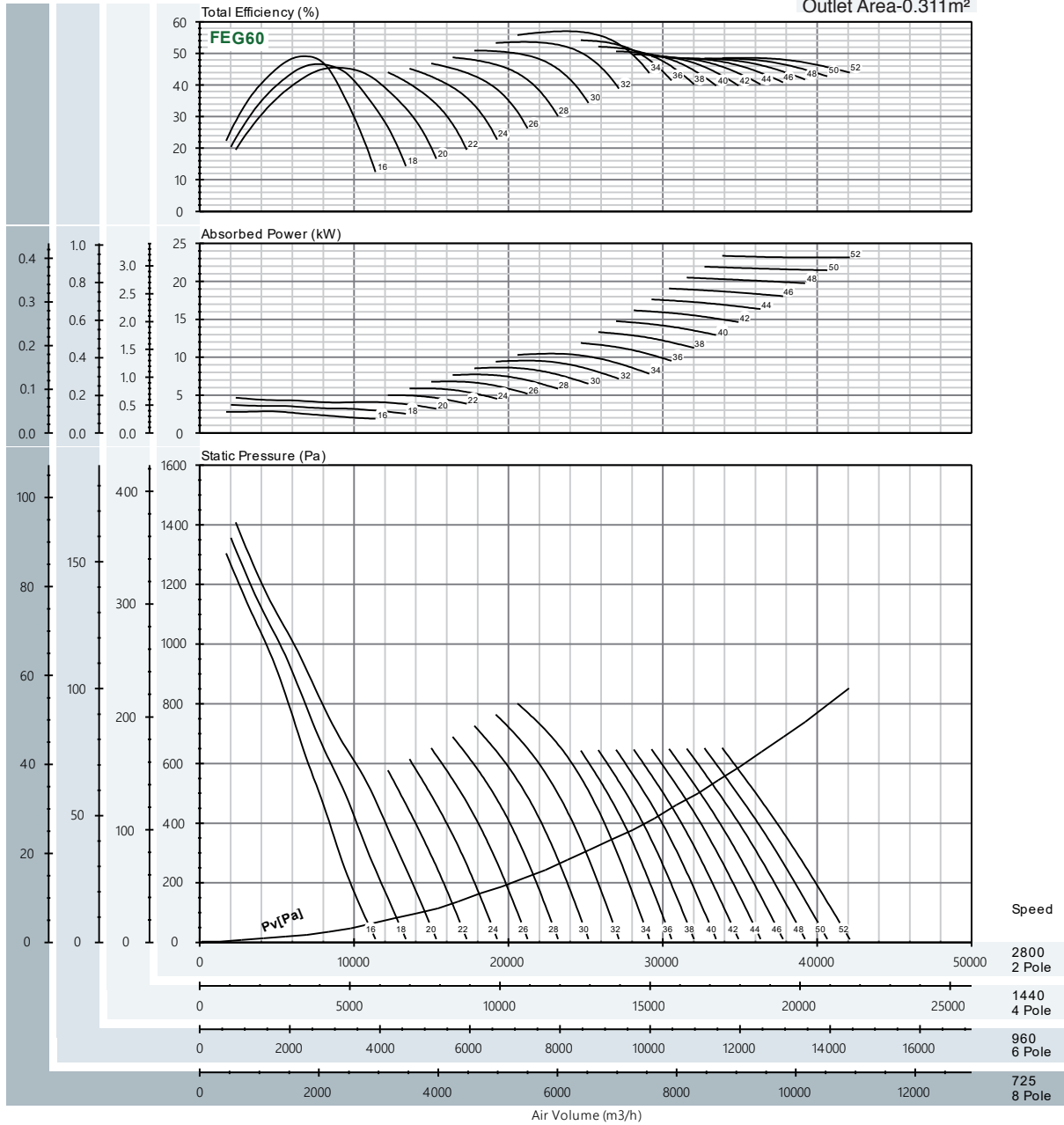
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.018	0.024	0.030	0.036	0.040	0.046	0.052	0.058	0.064	0.070	0.079	0.088	0.097	0.106	0.116	0.126	0.135	0.146	0.156
	0.04			0.06			0.09			0.12			0.18						
960 motor	0.042	0.055	0.069	0.084	0.094	0.108	0.121	0.135	0.149	0.163	0.184	0.205	0.225	0.247	0.269	0.291	0.314	0.338	0.363
	0.06		0.09		0.12		0.18		0.25		0.37								
1440 motor	0.142	0.185	0.234	0.283	0.316	0.363	0.410	0.457	0.504	0.551	0.620	0.690	0.760	0.832	0.907	0.983	1.060	1.142	1.225
	0.18	0.25		0.37		0.55		0.75		1.1		1.5							
2800 motor	1.044	1.361	1.717	2.084	2.322	2.668	3.012	3.358	3.703	4.049	4.560	5.075	5.589	6.119	6.669	7.230	7.794	8.394	9.008
	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).

50Hz  
TA-HT-630-240-12-12  
p = 1.2kg/m3

AXIAL FLOW FAN



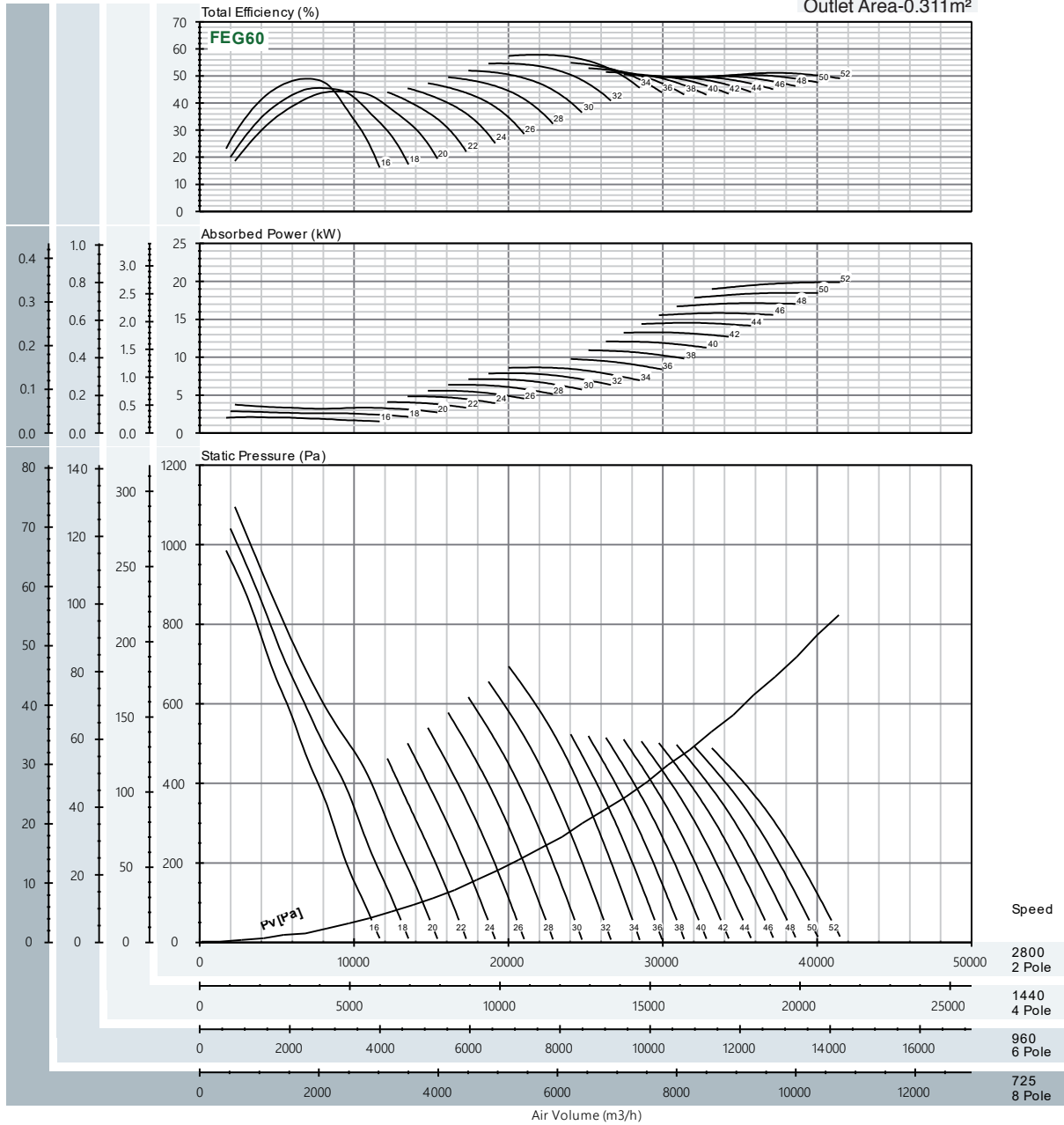
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.050	0.064	0.081	0.087	0.102	0.118	0.134	0.150	0.166	0.182	0.206	0.231	0.256	0.281	0.306	0.331	0.356	0.381	0.406
960 motor	0.115	0.150	0.188	0.201	0.237	0.274	0.311	0.348	0.385	0.422	0.479	0.537	0.595	0.653	0.711	0.769	0.826	0.884	0.942
1440 motor	0.390	0.505	0.633	0.679	0.801	0.925	1.050	1.175	1.300	1.425	1.616	1.812	2.007	2.203	2.398	2.594	2.789	2.985	3.180
2800 motor	2.864	3.714	4.657	4.995	5.891	6.802	7.718	8.637	9.556	10.475	11.881	13.318	14.756	16.193	17.631	19.068	20.506	21.943	23.381

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

**50Hz**  
**TA-HT-630-240-12-9**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



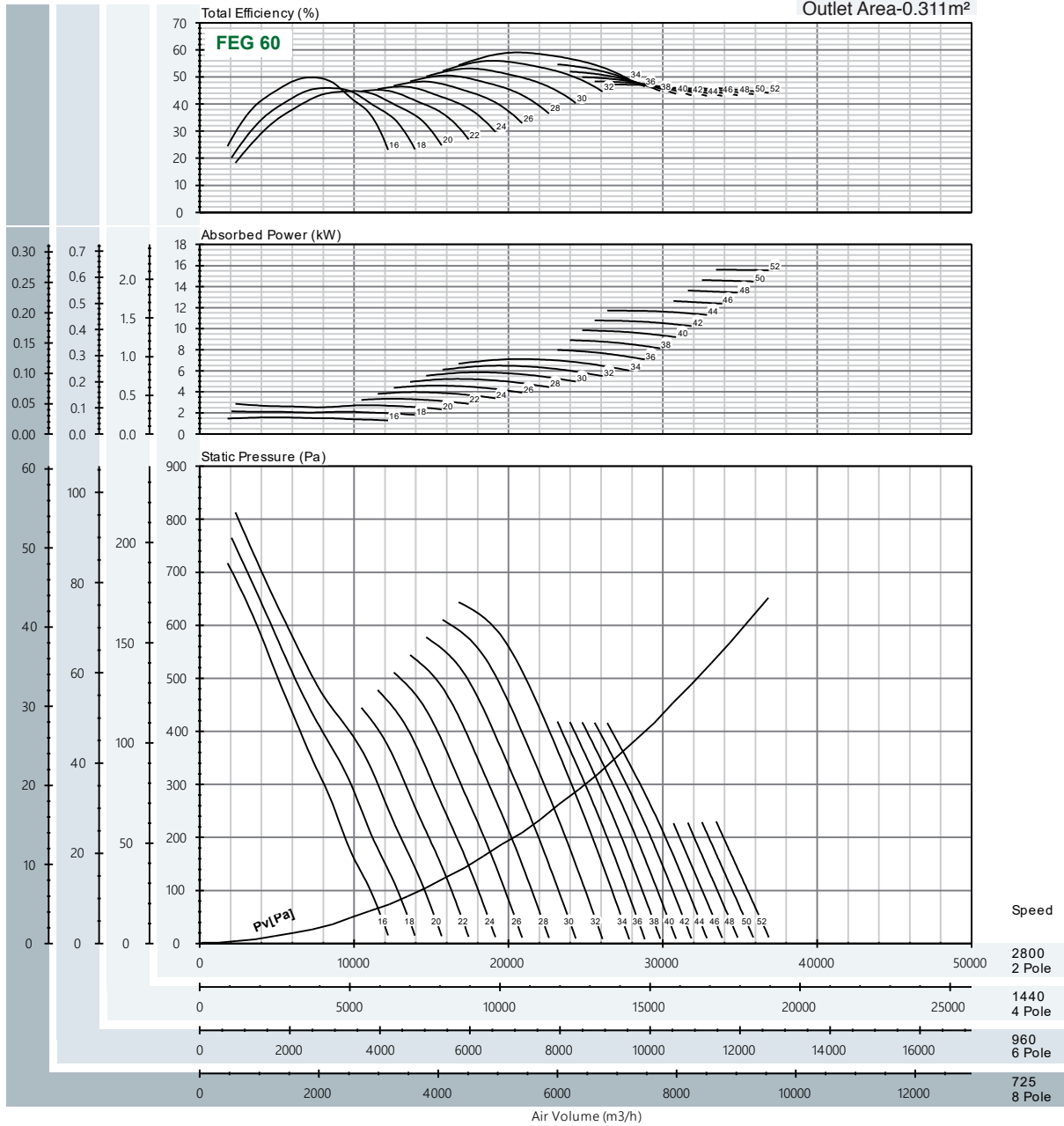
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.037	0.050	0.065	0.071	0.084	0.097	0.110	0.124	0.137	0.150	0.169	0.190	0.210	0.231	0.252	0.275	0.298	0.321	0.346
960 motor	0.085	0.116	0.151	0.165	0.195	0.225	0.256	0.287	0.318	0.349	0.393	0.440	0.487	0.535	0.586	0.638	0.691	0.745	0.802
1440 motor	0.287	0.391	0.510	0.557	0.659	0.761	0.864	0.968	1.072	1.177	1.328	1.485	1.642	1.806	1.977	2.152	2.331	2.515	2.708
2800 motor	2.107	2.878	3.746	4.093	4.844	5.595	6.355	7.119	7.884	8.651	9.763	10.917	12.071	13.280	14.537	15.824	17.140	18.492	19.911
	2.2	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).

50Hz  
**TA-HT-630-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



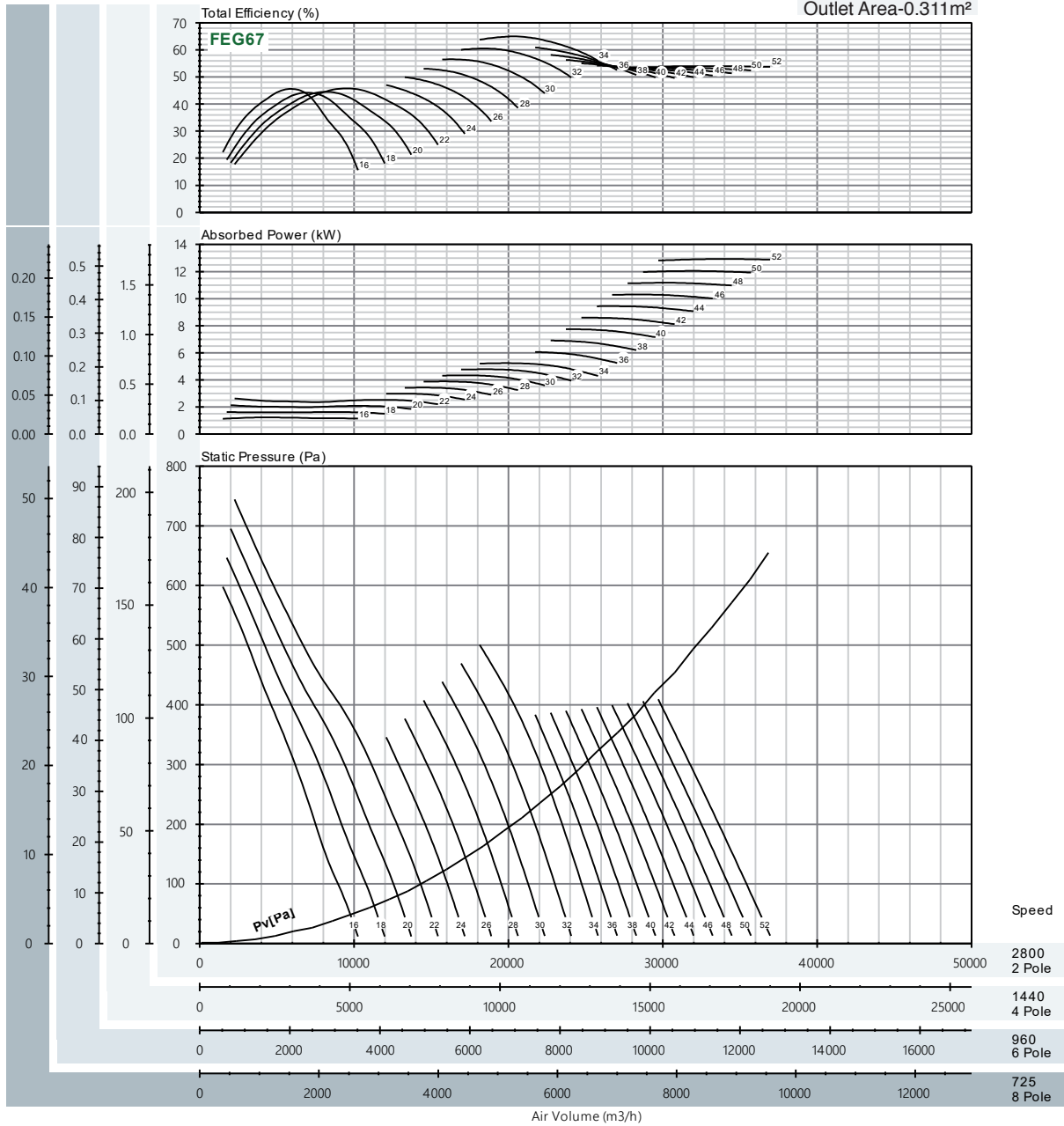
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.028	0.038	0.050	0.058	0.069	0.080	0.091	0.102	0.113	0.124	0.139	0.155	0.171	0.187	0.203	0.219	0.237	0.254	0.271
960 motor	0.064	0.087	0.116	0.135	0.160	0.186	0.211	0.236	0.262	0.287	0.322	0.360	0.397	0.435	0.472	0.510	0.550	0.590	0.630
1440 motor	0.217	0.295	0.390	0.456	0.541	0.627	0.712	0.798	0.883	0.969	1.087	1.214	1.341	1.467	1.594	1.720	1.855	1.990	2.125
2800 motor	1.592	2.167	2.866	3.355	3.981	4.607	5.236	5.865	6.493	7.122	7.991	8.923	9.855	10.787	11.719	12.643	13.636	14.630	15.624

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

50Hz  
TA-HT-630-150-6-6  
p = 1.2kg/m3

AXIAL FLOW FAN



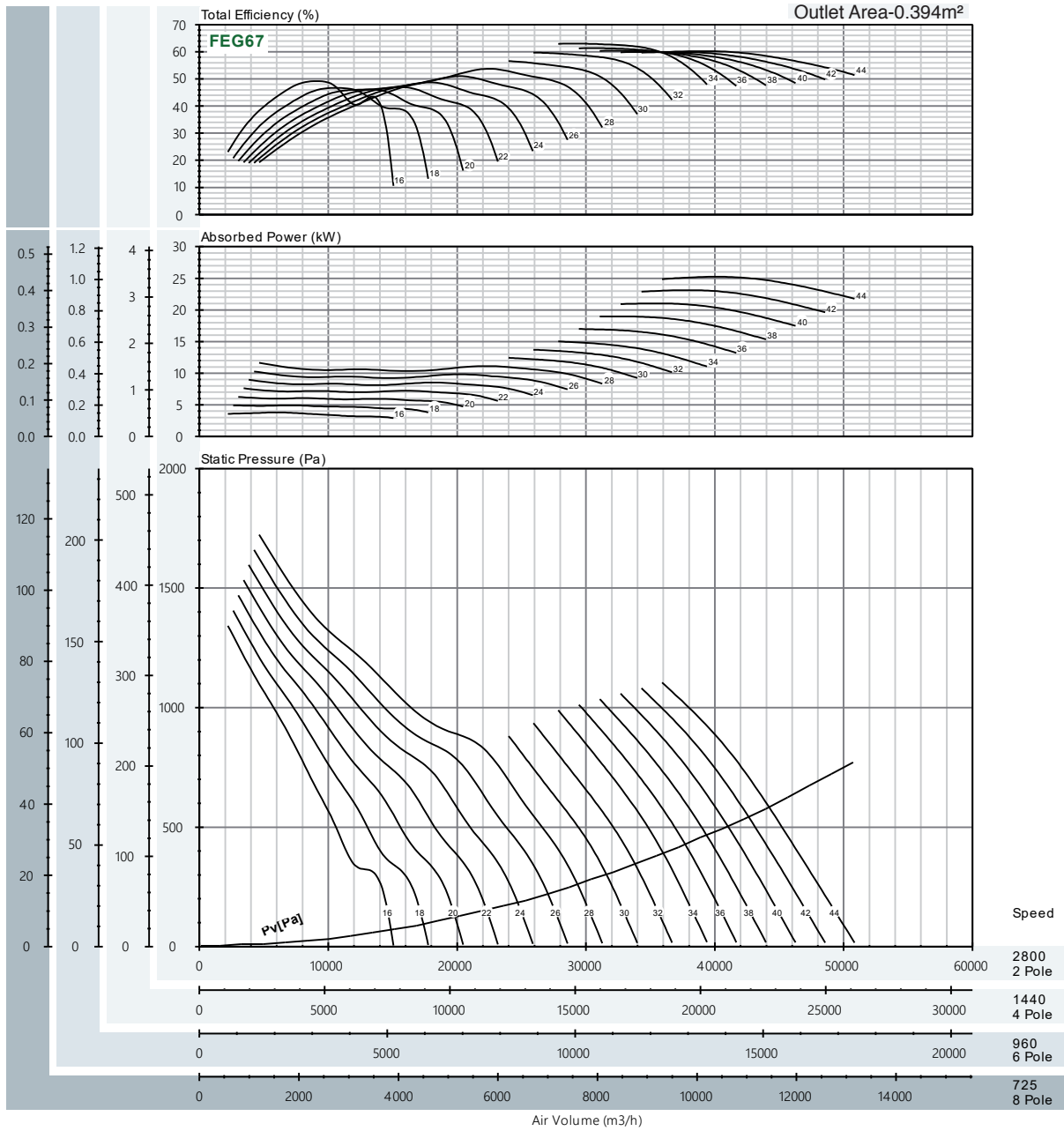
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.021	0.028	0.037	0.046	0.052	0.060	0.067	0.075	0.083	0.091	0.105	0.120	0.135	0.149	0.164	0.179	0.194	0.209	0.225
960 motor	0.049	0.065	0.086	0.106	0.120	0.138	0.156	0.175	0.193	0.211	0.245	0.279	0.313	0.347	0.381	0.415	0.450	0.486	0.521
1440 motor	0.167	0.221	0.290	0.358	0.405	0.466	0.528	0.589	0.651	0.712	0.825	0.940	1.055	1.170	1.285	1.402	1.520	1.639	1.759
2800 motor	1.225	1.625	2.129	2.632	2.978	3.429	3.881	4.332	4.784	5.235	6.067	6.911	7.755	8.599	9.446	10.305	11.172	12.048	12.934

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

50Hz  
TA-HT-710-240-12-12  
p = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

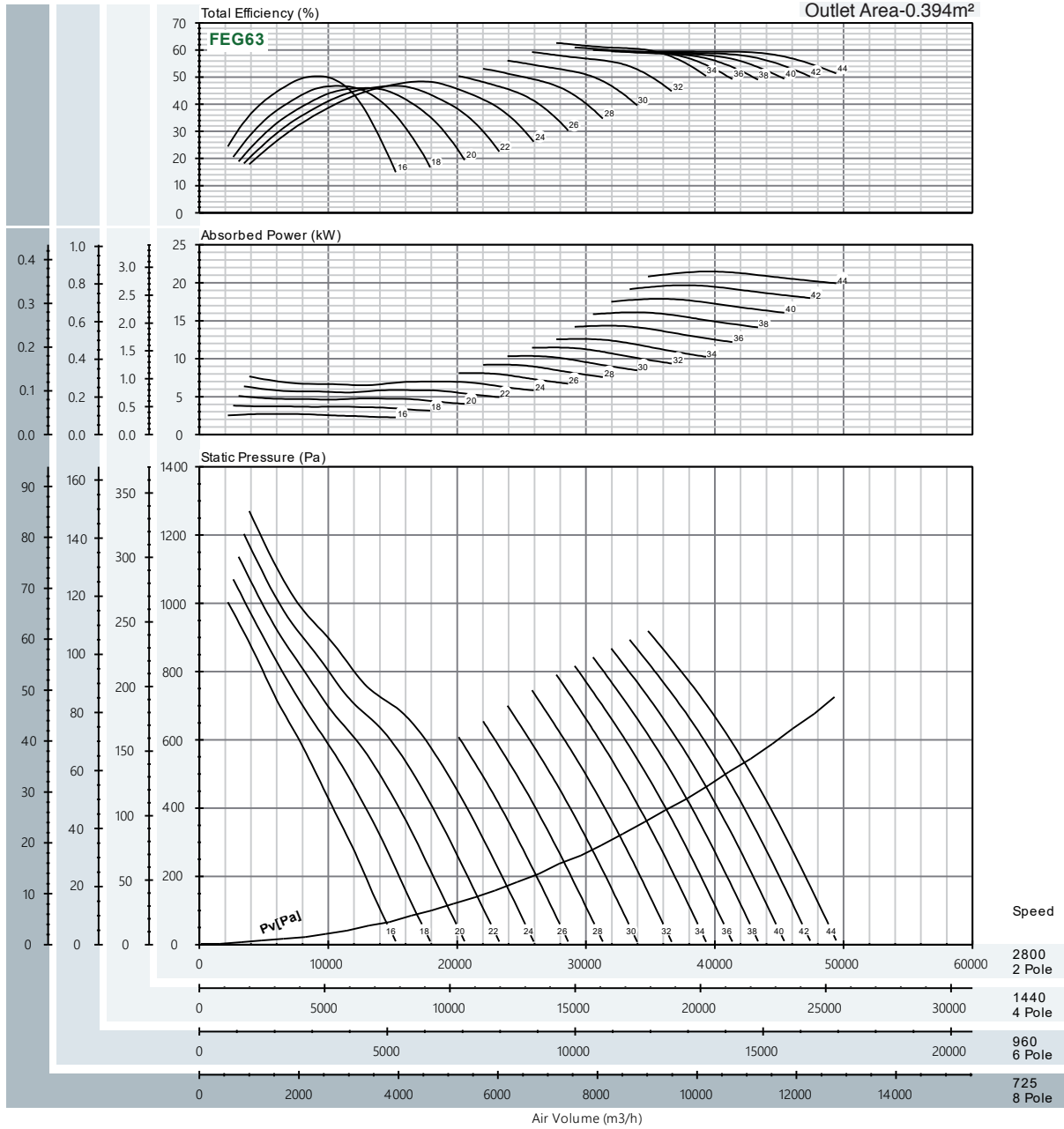
N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
725 motor	0.066	0.086	0.109	0.132	0.155	0.179	0.202	0.216	0.238	0.261	0.295	0.329	0.365	0.402	0.438
960 motor	0.153	0.199	0.253	0.307	0.361	0.415	0.469	0.501	0.553	0.605	0.685	0.765	0.848	0.933	1.018
1440 motor	0.516	0.670	0.852	1.035	1.217	1.400	1.582	1.690	1.866	2.043	2.311	2.580	2.861	3.147	3.435
2800 motor	3.793	4.927	6.266	7.608	8.950	10.291	11.633	12.424	13.721	15.018	16.987	18.969	21.037	23.138	25.256

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



50Hz  
TA-HT-710-240-12-9  
p = 1.2kg/m3

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

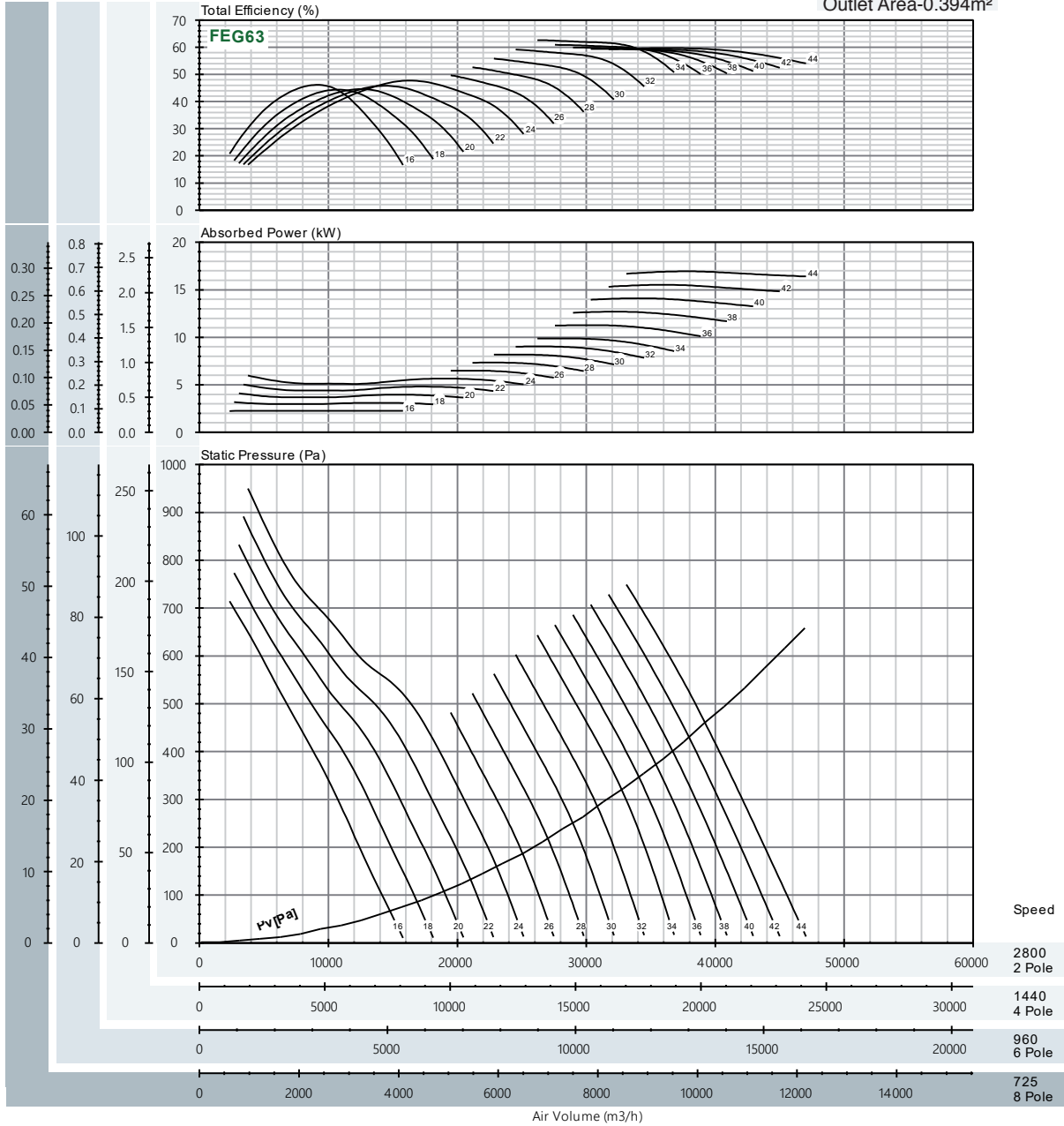
N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
725 motor	0.047	0.066	0.088	0.111	0.133	0.141	0.160	0.180	0.199	0.219	0.249	0.280	0.311	0.342	0.373
960 motor	0.110	0.154	0.205	0.257	0.308	0.327	0.372	0.417	0.463	0.508	0.578	0.650	0.721	0.794	0.866
1440 motor	0.370	0.518	0.693	0.867	1.041	1.103	1.256	1.409	1.562	1.715	1.952	2.192	2.434	2.678	2.923
2800 motor	2.718	3.811	5.092	6.372	7.653	8.108	9.233	10.358	11.482	12.607	14.351	16.116	17.897	19.691	21.490
	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).

**50Hz**  
**TA-HT-710-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.394m<sup>2</sup>



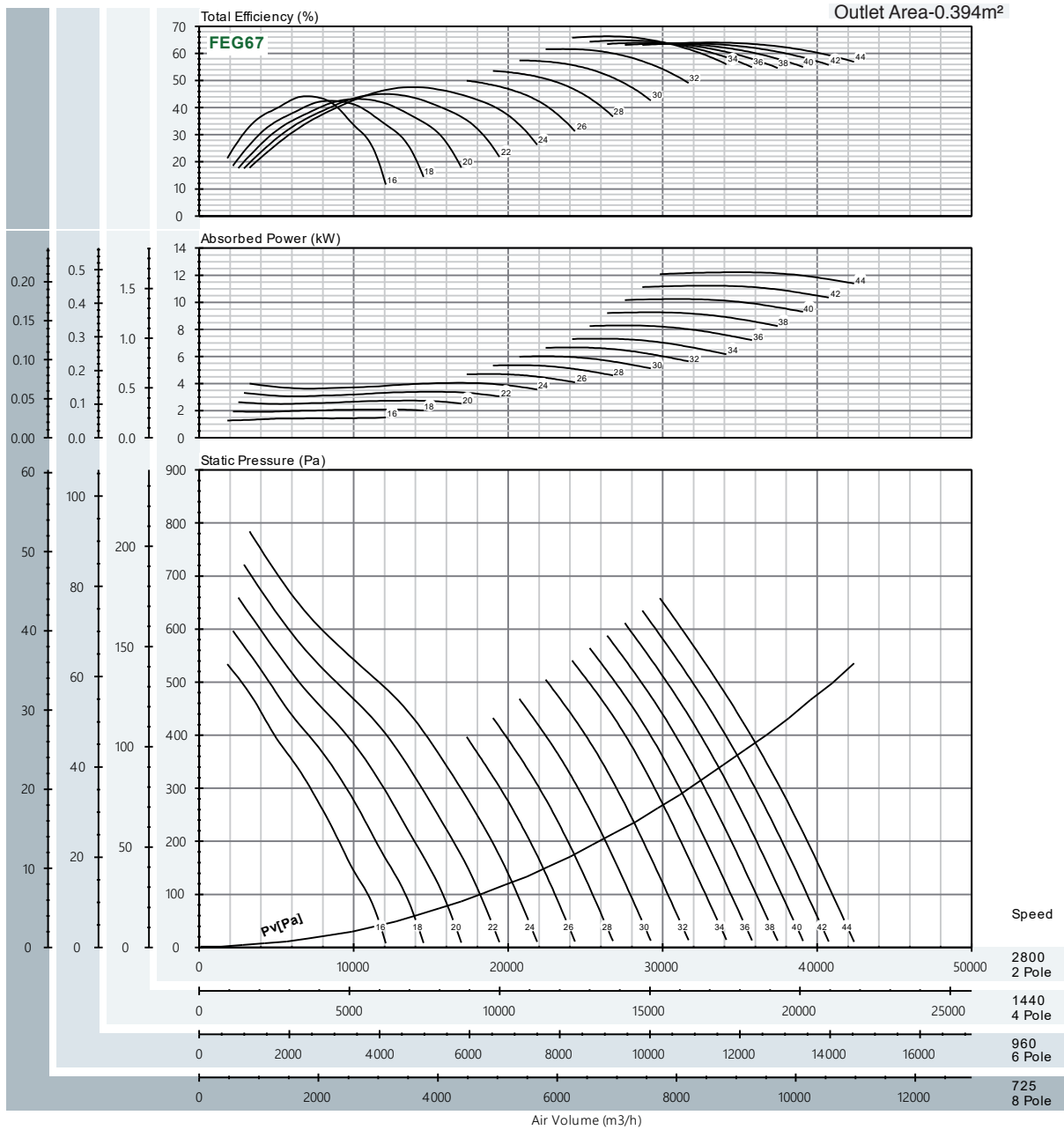
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
725 motor	0.039	0.055	0.071	0.087	0.104	0.113	0.127	0.142	0.157	0.172	0.196	0.221	0.245	0.270	0.294
960 motor	0.091	0.128	0.165	0.203	0.240	0.262	0.296	0.330	0.364	0.398	0.455	0.512	0.569	0.626	0.683
1440 motor	0.307	0.432	0.558	0.685	0.811	0.884	0.999	1.114	1.229	1.345	1.536	1.728	1.920	2.113	2.306
2800 motor	2.259	3.174	4.105	5.035	5.965	6.497	7.344	8.192	9.039	9.887	11.292	12.703	14.117	15.535	16.952

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

**50Hz**  
**TA-HT-710-150-6-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



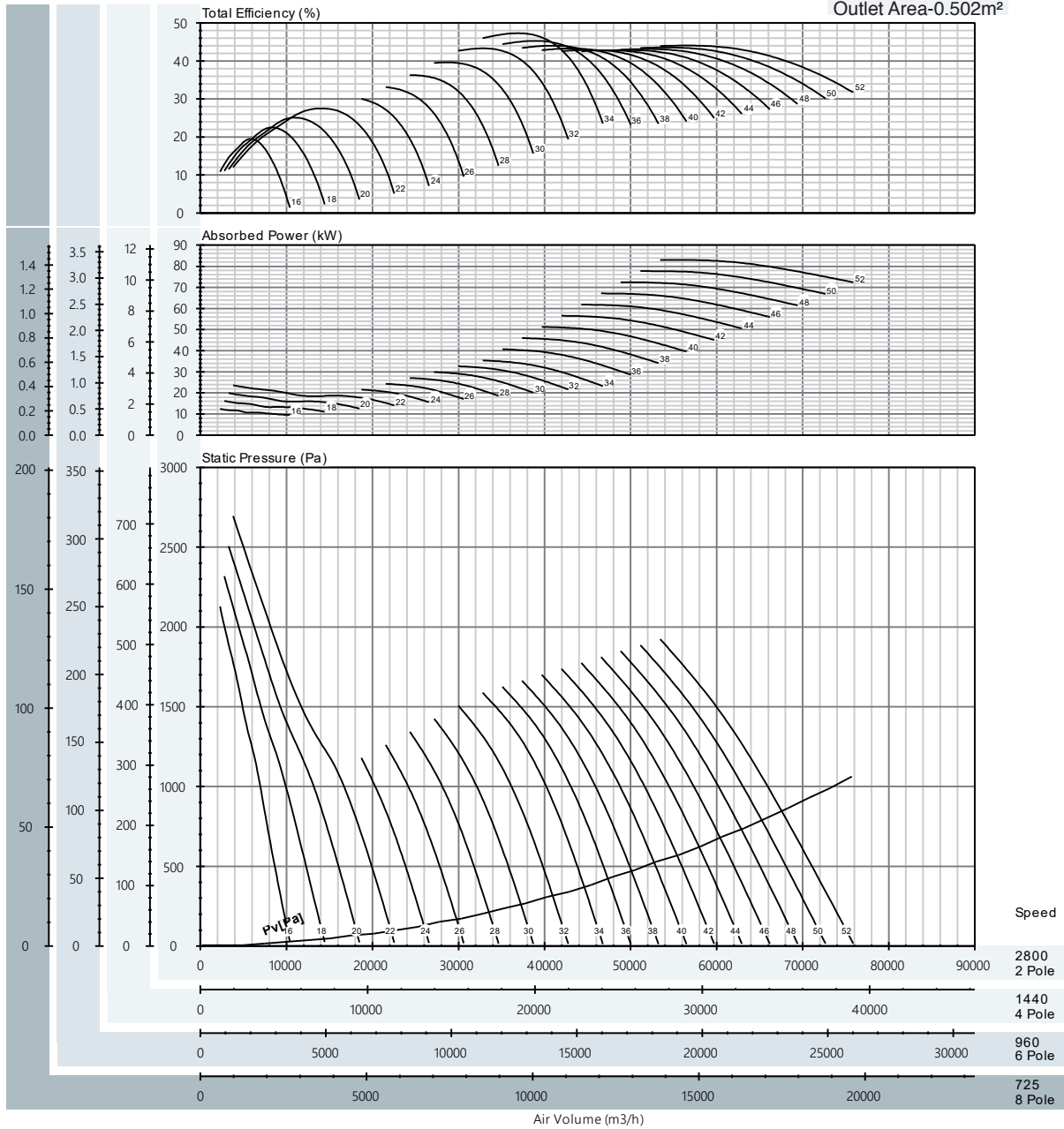
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
725 motor	0.026	0.036	0.048	0.059	0.070	0.082	0.093	0.104	0.116	0.127	0.144	0.161	0.178	0.195	0.212
960 motor	0.060	0.084	0.111	0.137	0.163	0.190	0.216	0.242	0.269	0.295	0.334	0.373	0.413	0.453	0.493
1440 motor	0.203	0.285	0.373	0.462	0.551	0.640	0.729	0.818	0.907	0.996	1.128	1.261	1.394	1.528	1.663
2800 motor	1.494	2.093	2.744	3.397	4.051	4.704	5.357	6.011	6.665	7.319	8.291	9.267	10.245	11.231	12.224

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

50Hz  
TA-HT-800-406-12-12  
p = 1.2kg/m3

AXIAL FLOW FAN



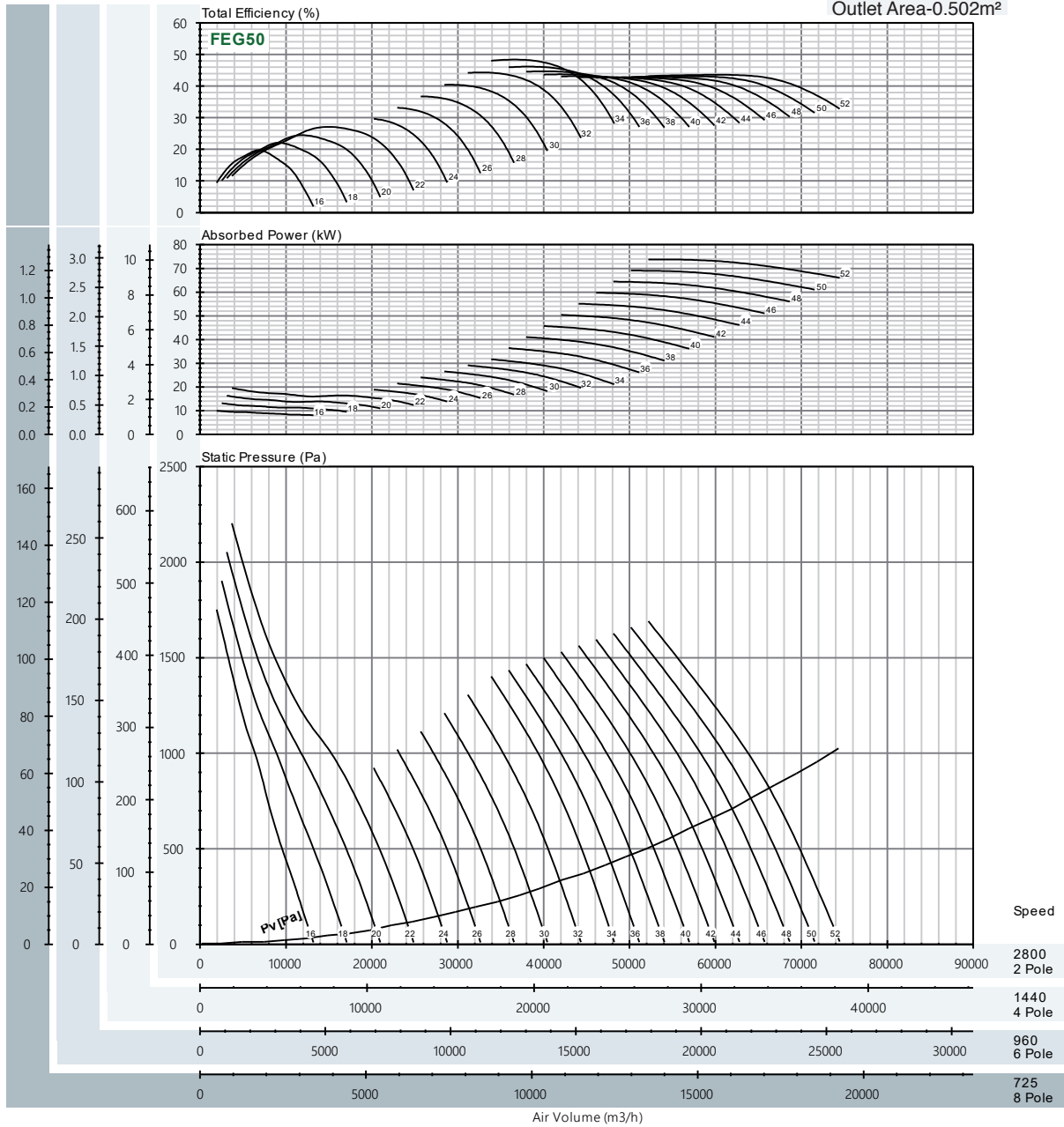
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.217	0.282	0.346	0.410	0.374	0.422	0.471	0.519	0.567	0.615	0.707	0.799	0.891	0.982	1.074	1.166	1.258	1.349	1.441
960 motor	0.504	0.654	0.803	0.952	0.869	0.981	1.092	1.204	1.316	1.428	1.641	1.854	2.067	2.281	2.494	2.707	2.920	3.133	3.346
1440 motor	1.702	2.206	2.710	3.214	2.932	3.309	3.687	4.065	4.442	4.820	5.539	6.258	6.978	7.697	8.416	9.135	9.855	10.574	11.294
2800 motor	12.516	16.220	19.925	23.630	21.554	24.330	27.106	29.883	32.659	35.435	40.723	46.010	51.298	56.585	61.873	67.161	72.448	77.736	83.022

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

**50Hz**  
**TA-HT-800-406-12-9**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



**Peak Absorbed Power (Kw)**

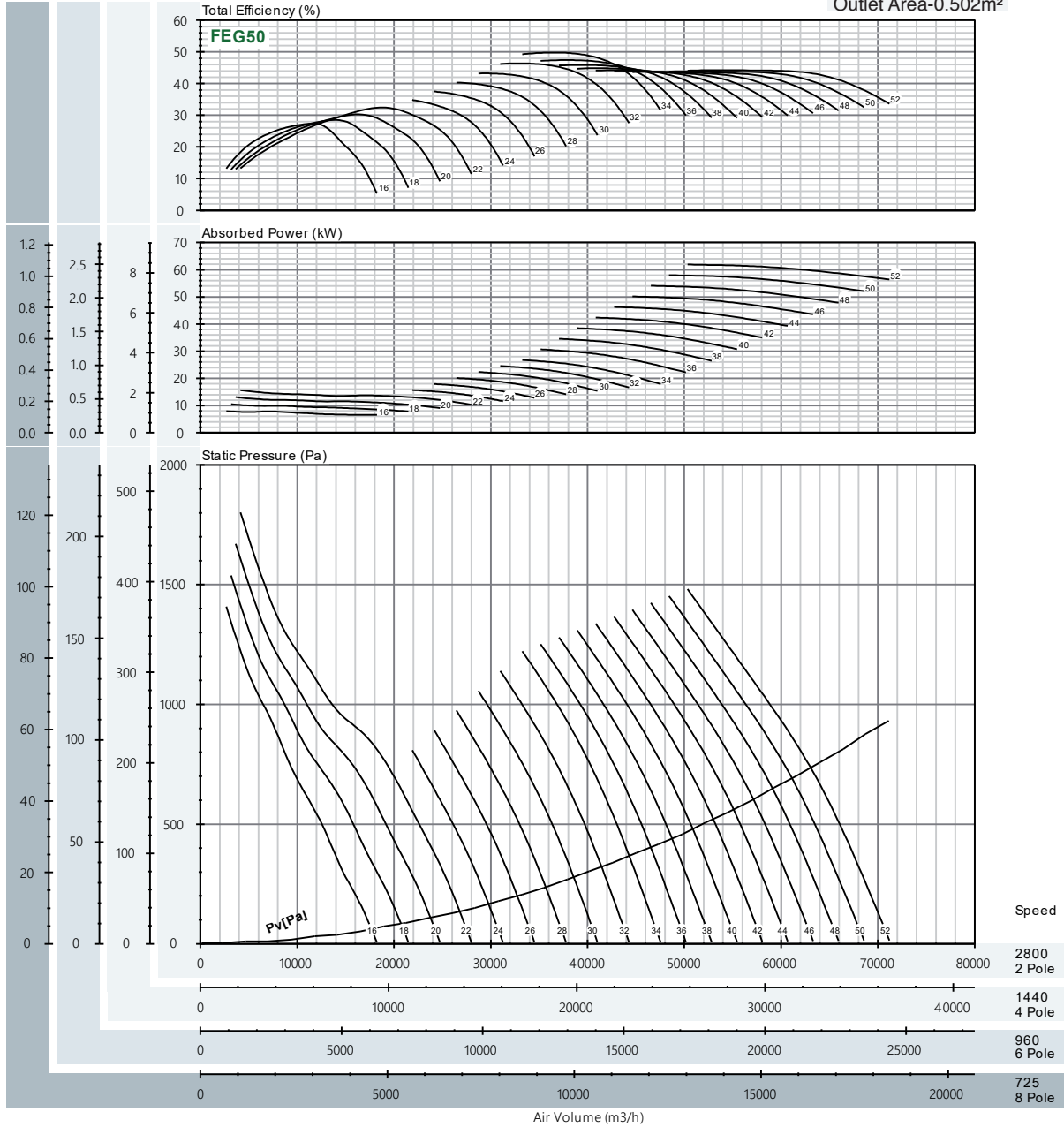
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.173	0.228	0.284	0.339	0.328	0.373	0.417	0.462	0.506	0.550	0.632	0.713	0.794	0.875	0.957	1.038	1.119	1.201	1.282
960 motor	0.401	0.530	0.659	0.788	0.762	0.865	0.968	1.072	1.175	1.278	1.466	1.655	1.844	2.032	2.221	2.410	2.599	2.787	2.976
1440 motor	1.355	1.790	2.225	2.660	2.572	2.920	3.268	3.616	3.964	4.312	4.949	5.586	6.223	6.860	7.496	8.133	8.770	9.407	10.044
2800 motor	9.961	13.158	16.355	19.552	18.912	21.470	24.028	26.587	29.145	31.703	36.385	41.066	45.748	50.429	55.111	59.792	64.474	69.156	73.837

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

**50Hz**  
**TA-HT-800-406-12-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.502m<sup>2</sup>



Peak Absorbed Power (Kw)

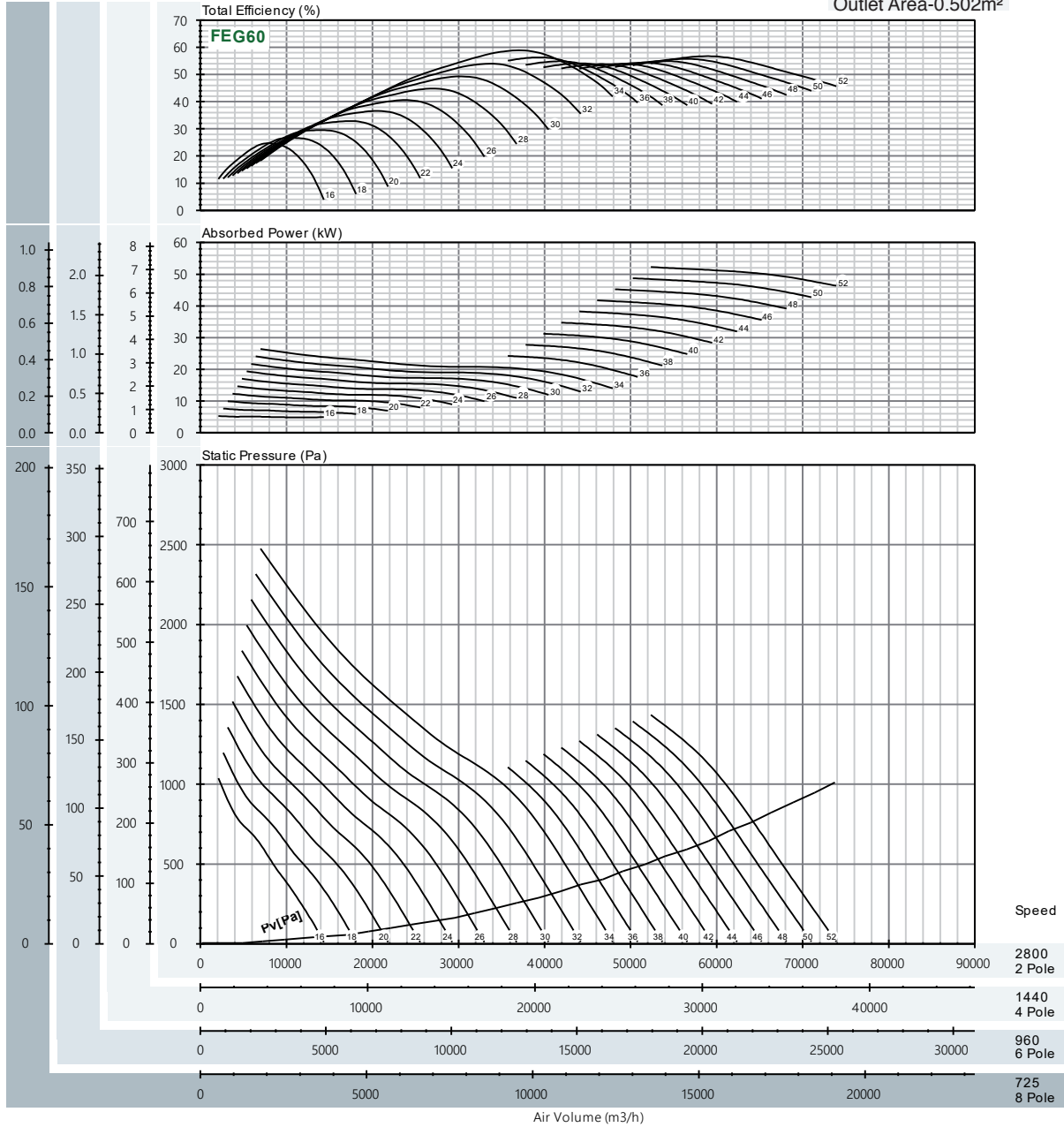
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.138	0.182	0.227	0.271	0.272	0.311	0.350	0.388	0.427	0.465	0.533	0.601	0.668	0.736	0.804	0.872	0.939	1.007	1.075
960 motor	0.319	0.423	0.526	0.630	0.633	0.722	0.811	0.901	0.990	1.080	1.237	1.394	1.552	1.709	1.866	2.023	2.181	2.338	2.495
1440 motor	1.078	1.427	1.776	2.126	2.135	2.437	2.739	3.040	3.342	3.644	4.175	4.706	5.237	5.767	6.298	6.829	7.360	7.891	8.422
2800 motor	7.922	10.491	13.059	15.627	15.696	17.915	20.134	22.352	24.571	26.789	30.692	34.595	38.498	42.400	46.303	50.206	54.109	58.011	61.914

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

**50Hz**  
**TA-HT-800-297-6-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.502m<sup>2</sup>



Peak Absorbed Power (Kw)

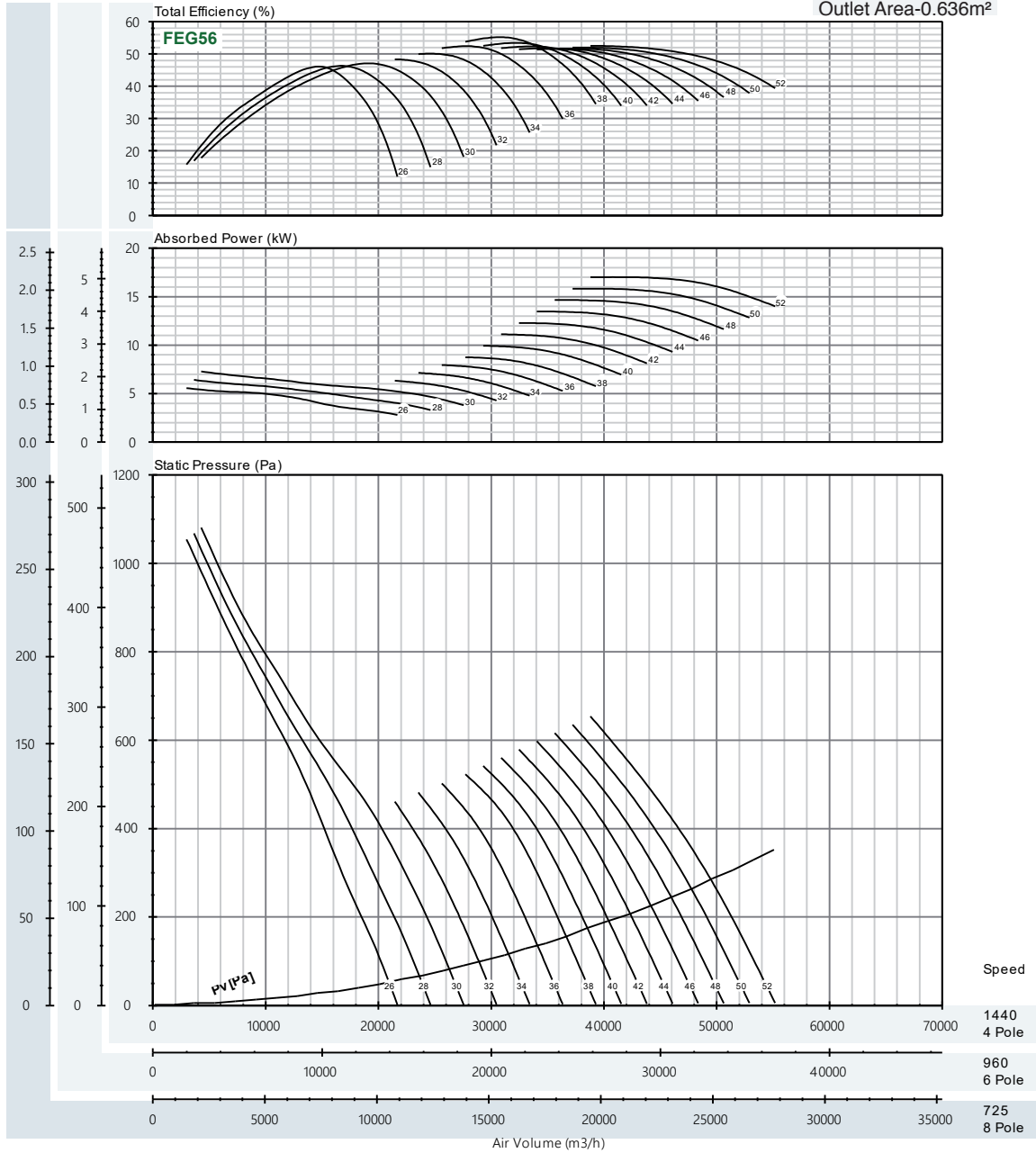
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.091	0.132	0.173	0.214	0.254	0.295	0.336	0.377	0.418	0.458	0.420	0.481	0.542	0.603	0.664	0.725	0.786	0.847	0.907
960 motor	0.212	0.306	0.401	0.496	0.591	0.685	0.780	0.875	0.969	1.064	0.976	1.118	1.259	1.400	1.542	1.683	1.824	1.966	2.107
1440 motor	0.714	1.034	1.354	1.673	1.993	2.313	2.632	2.952	3.272	3.592	3.295	3.772	4.249	4.726	5.203	5.680	6.157	6.634	7.111
2800 motor	5.251	7.601	9.952	12.302	14.652	17.003	19.353	21.704	24.054	26.404	24.221	27.728	31.235	34.741	38.248	41.755	45.262	48.768	52.275

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

AXIAL FLOW FAN

50Hz  
TA-HT-900-406-12-12  
p = 1.2kg/m3

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.710	0.819	0.928	0.809	0.912	1.015	1.118	1.268	1.419	1.570	1.720	1.871	2.022	2.174
	0.75			1.1				1.5				2.2		
960 motor	1.647	1.901	2.155	1.878	2.117	2.356	2.595	2.945	3.295	3.644	3.994	4.343	4.694	5.046
			2.2				3			4			5.5	
1440 motor	5.560	6.416	7.272	6.339	7.146	7.953	8.759	9.939	11.119	12.299	13.479	14.659	15.842	17.031
			7.5				11			15			18.5	

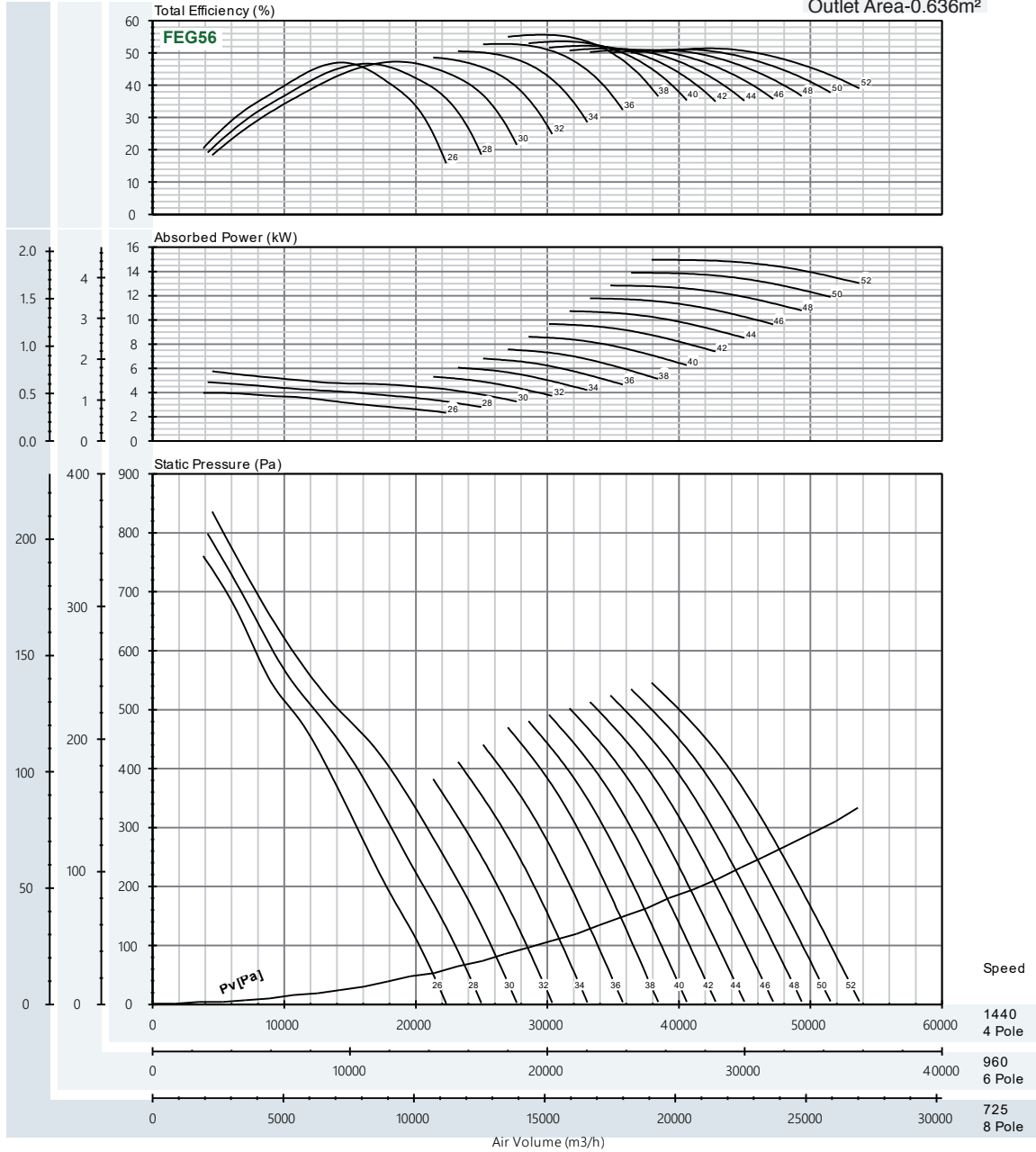
\* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



## AXIAL FLOW FAN

**50Hz**  
**TA-HT-900-406-12-9**  
p = 1.2kg/m<sup>3</sup>

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

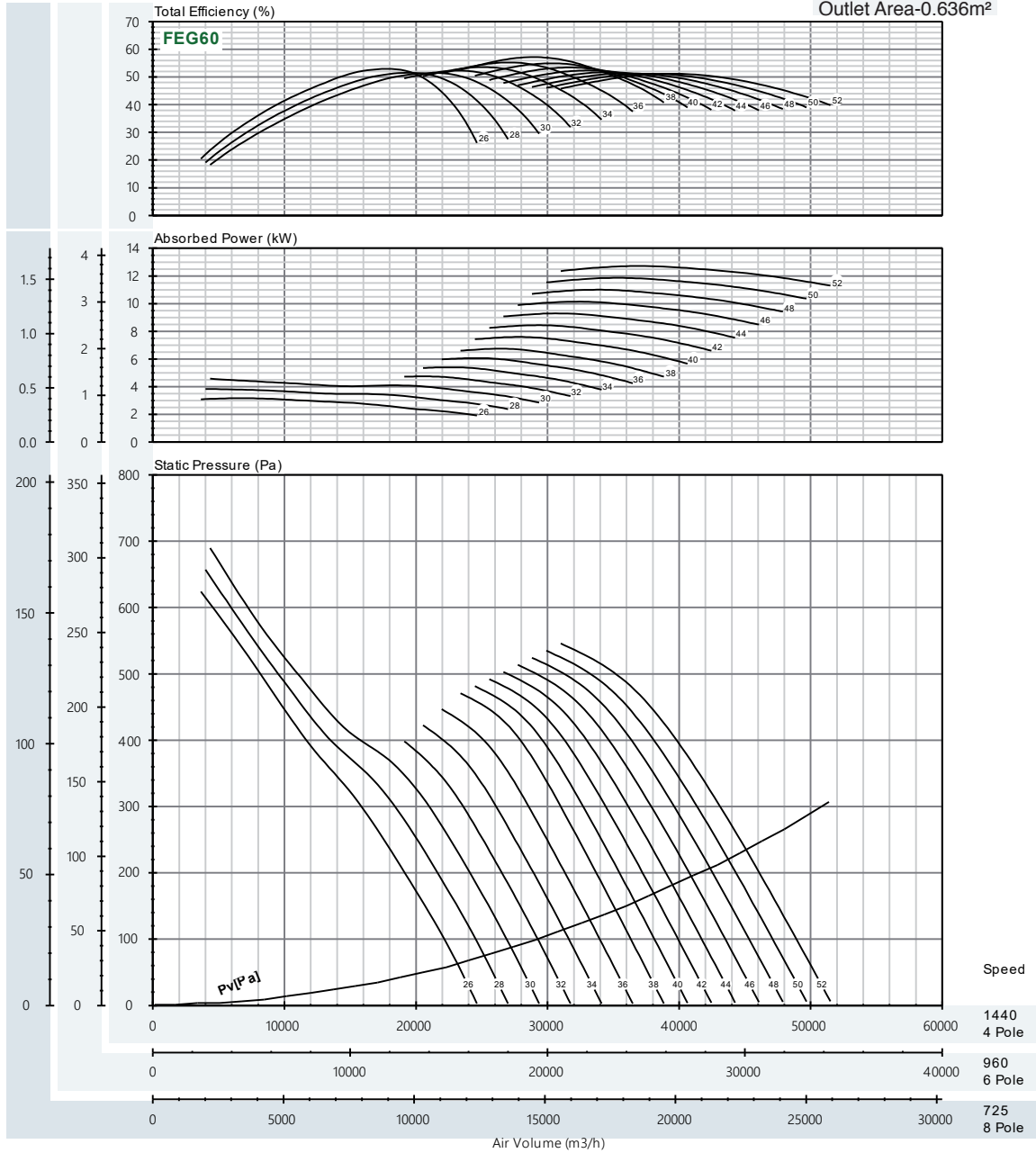
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.507	0.620	0.734	0.677	0.773	0.869	0.965	1.100	1.235	1.370	1.504	1.639	1.774	1.909
	0.55	0.75				1.1		1.5				2.2		
960 motor	1.176	1.440	1.704	1.571	1.794	2.017	2.240	2.553	2.866	3.180	3.493	3.806	4.119	4.432
	1.5			2.2				3			4		5.5	
1440 motor	3.970	4.860	5.750	5.303	6.055	6.808	7.561	8.617	9.674	10.731	11.788	12.844	13.901	14.958
	4	5.5	5.5	7.5	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).

AXIAL FLOW FAN

50Hz  
TA-HT-900-406-12-6  
p = 1.2kg/m3

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

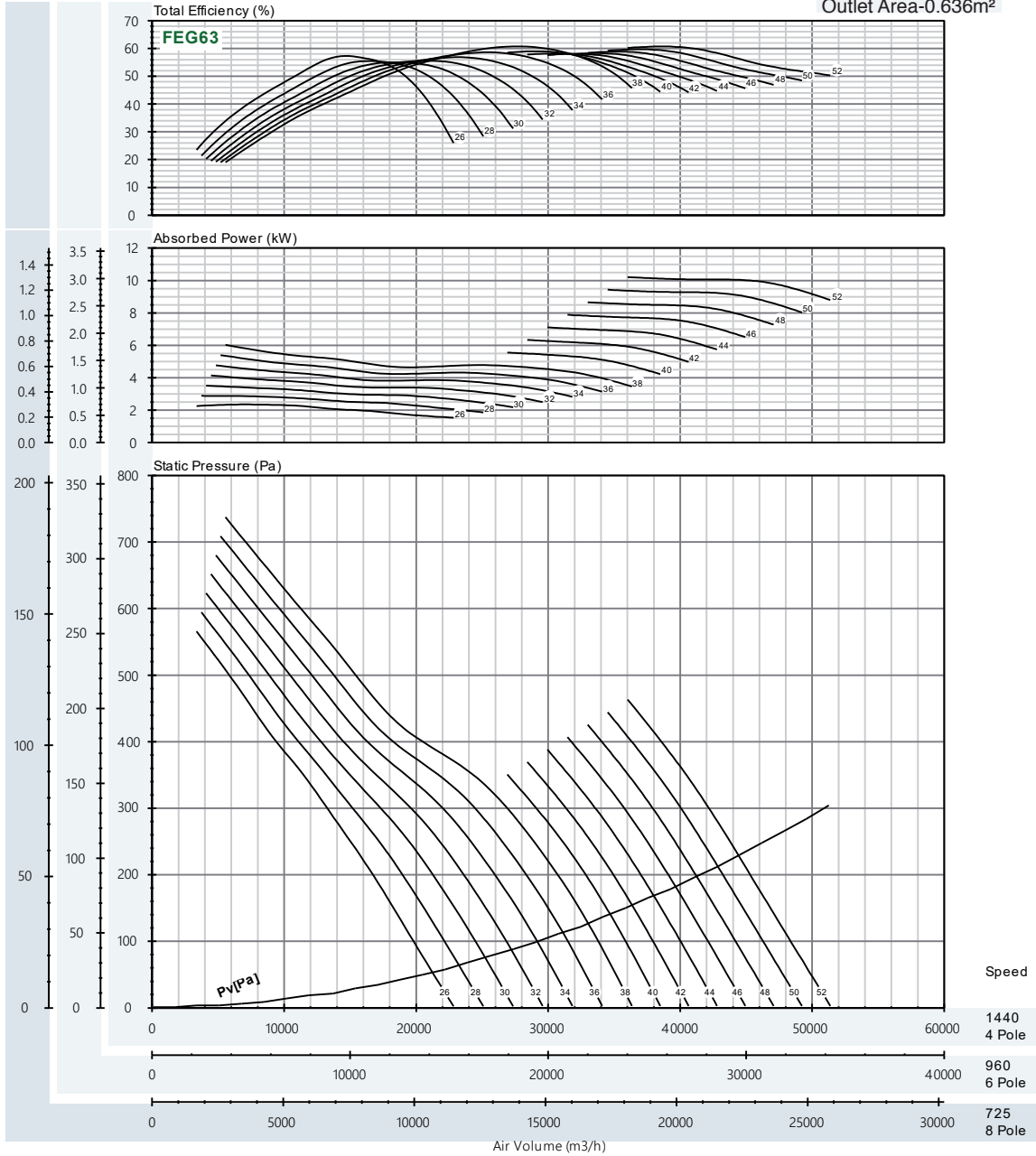
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.404	0.489	0.584	0.605	0.689	0.775	0.861	0.969	1.078	1.187	1.296	1.405	1.514	1.624
	0.55		0.75		1.1		1.5		2.2		3.0		4.0	
960 motor	0.938	1.135	1.355	1.404	1.601	1.799	1.998	2.250	2.502	2.755	3.008	3.261	3.516	3.770
	1.1		1.5		2.2		3.0		4.0		5.0		6.0	
1440 motor	3.166	3.832	4.574	4.739	5.402	6.071	6.743	7.594	8.443	9.298	10.151	11.006	11.866	12.724
	4		5.5		7.5		11		15		20		25	

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

AXIAL FLOW FAN

**50Hz**  
**TA-HT-900-297-6-6**  
ρ = 1.2kg/m<sup>3</sup>

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

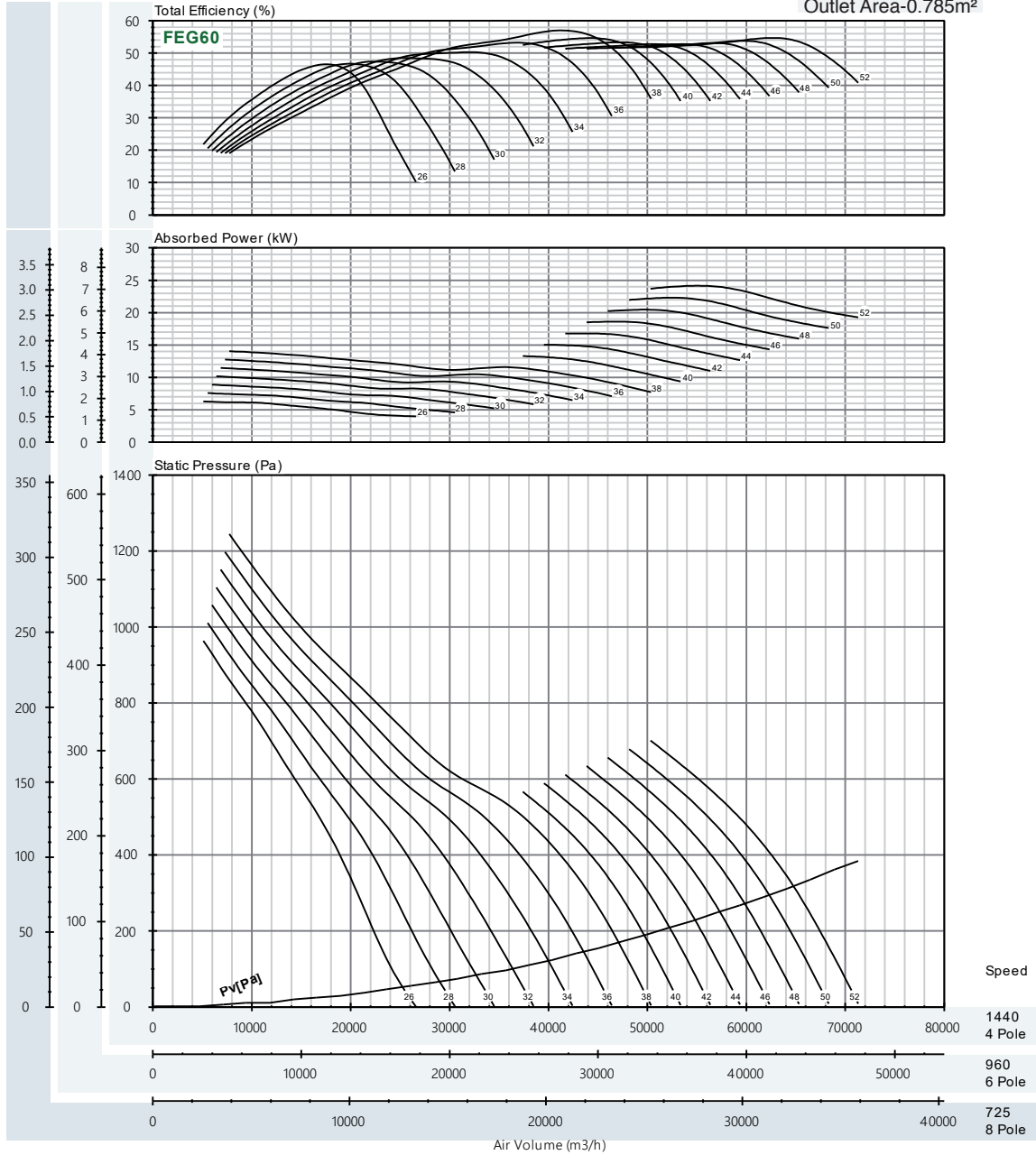
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.300	0.368	0.448	0.528	0.609	0.689	0.769	0.709	0.808	0.907	1.006	1.105	1.204	1.303
	0.37	0.55	0.75	1.075	1.1	1.5								
960 motor	0.696	0.855	1.041	1.227	1.413	1.599	1.785	1.646	1.876	2.105	2.335	2.565	2.795	3.025
	0.75	1.1	1.5	2.2	3	4								
1440 motor	2.350	2.884	3.512	4.140	4.768	5.396	6.024	5.554	6.330	7.106	7.882	8.658	9.434	10.210
	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).

AXIAL FLOW FAN

50Hz  
TA-HT-1000-406-12-12  
ρ = 1.2kg/m<sup>3</sup>

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

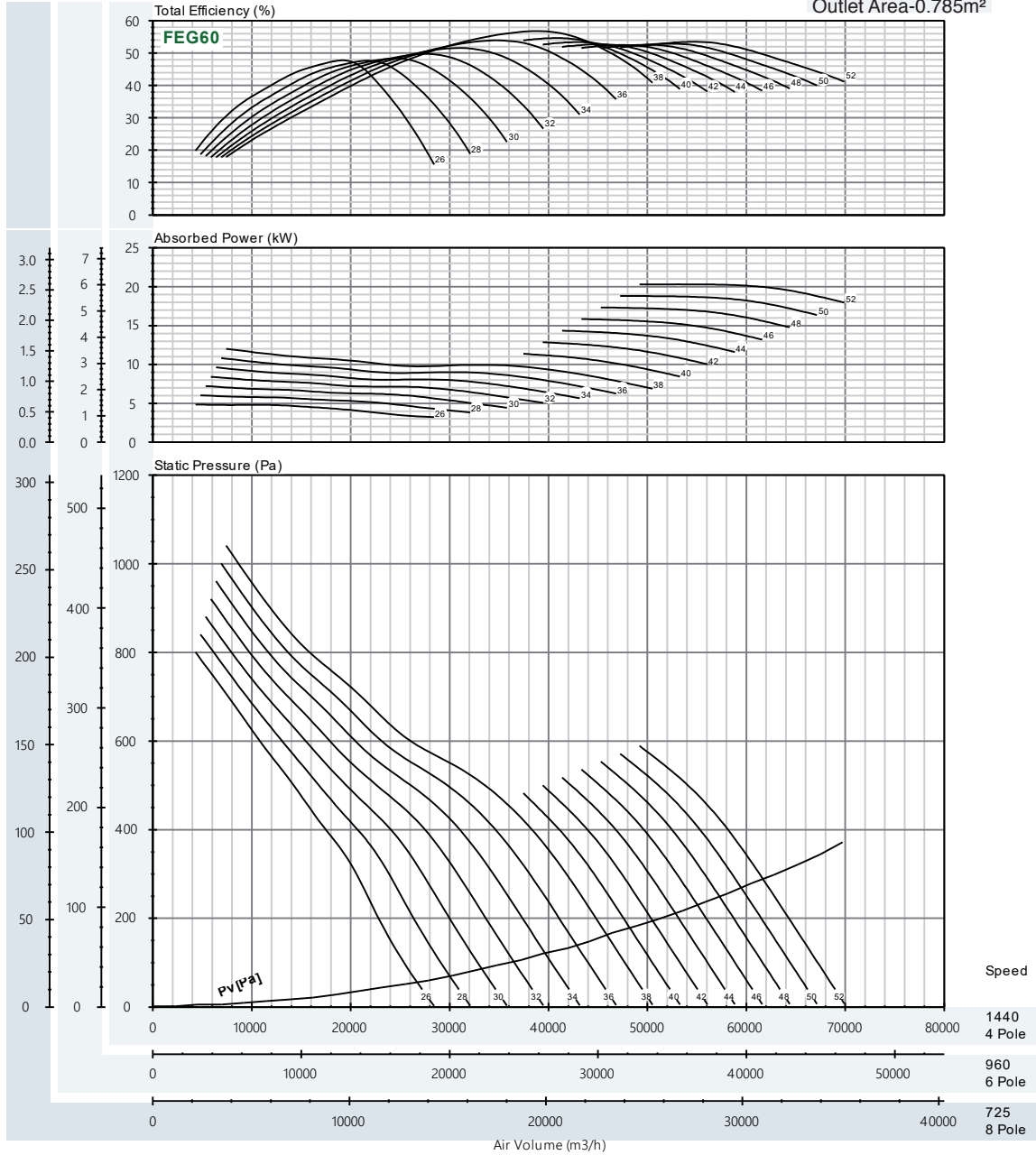
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.802	0.967	1.132	1.298	1.463	1.628	1.793	1.699	1.920	2.144	2.376	2.610	2.847	3.083
	1.1		1.5			2.2			3			4		
960 motor	1.862	2.245	2.629	3.013	3.396	3.780	4.164	3.945	4.458	4.977	5.515	6.060	6.609	7.158
	2.2	3	4			5.5	4	5.5	7.5					
1440 motor	6.283	7.578	8.873	10.168	11.463	12.758	14.053	13.314	15.045	16.797	18.614	20.453	22.305	24.159
	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).

AXIAL FLOW FAN

50Hz  
TA-HT-1000-406-12-9  
ρ = 1.2kg/m<sup>3</sup>

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

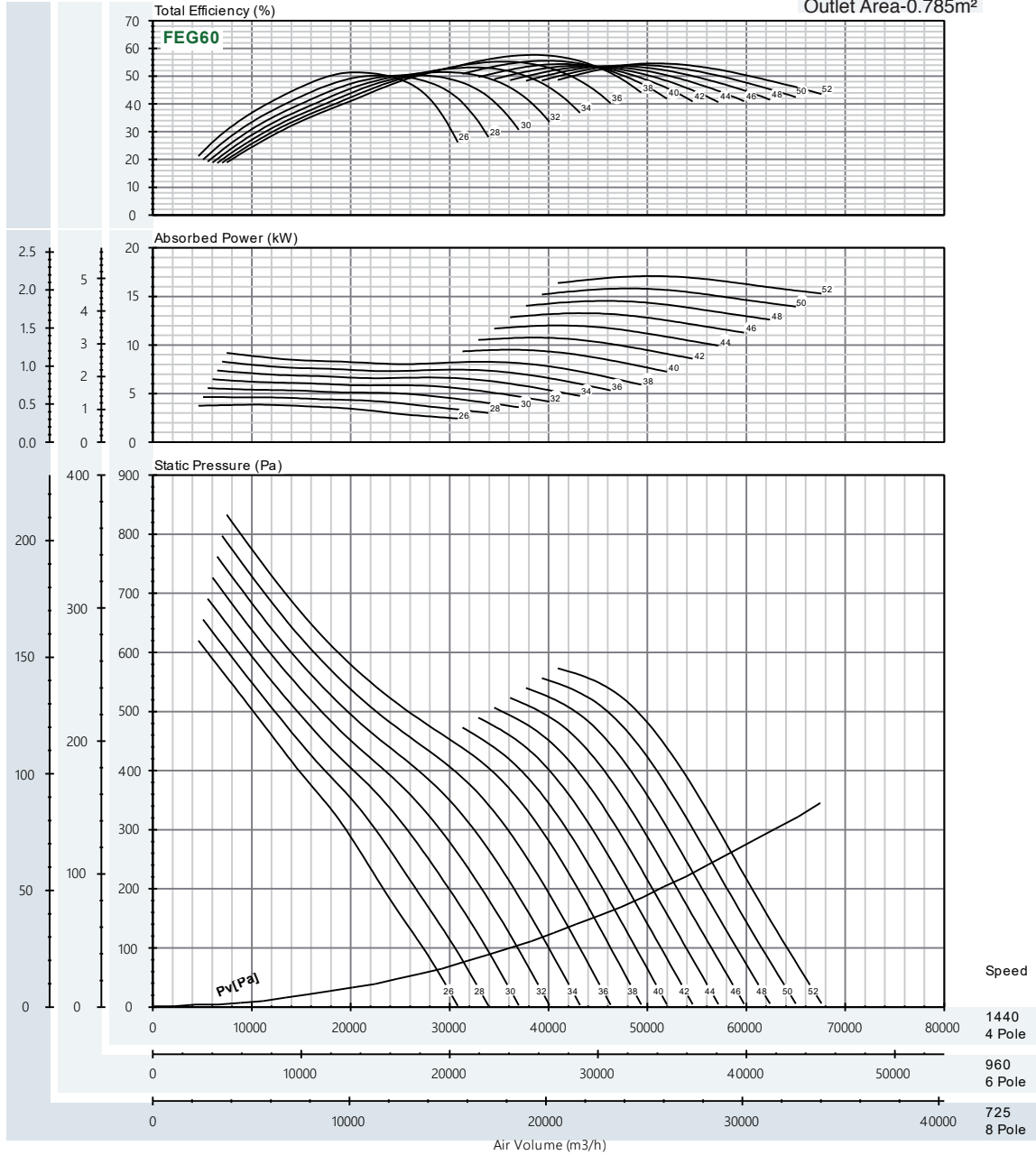
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.617	0.769	0.922	1.075	1.228	1.381	1.534	1.452	1.642	1.832	2.022	2.212	2.402	2.594
960 motor	1.431	1.786	2.141	2.496	2.851	3.206	3.561	3.370	3.812	4.253	4.694	5.135	5.577	6.023
1440 motor	4.831	6.029	7.226	8.424	9.622	10.820	12.018	11.375	12.864	14.353	15.842	17.332	18.821	20.327

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

AXIAL FLOW FAN

50Hz  
TA-HT-1000-406-12-6  
ρ = 1.2kg/m<sup>3</sup>

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

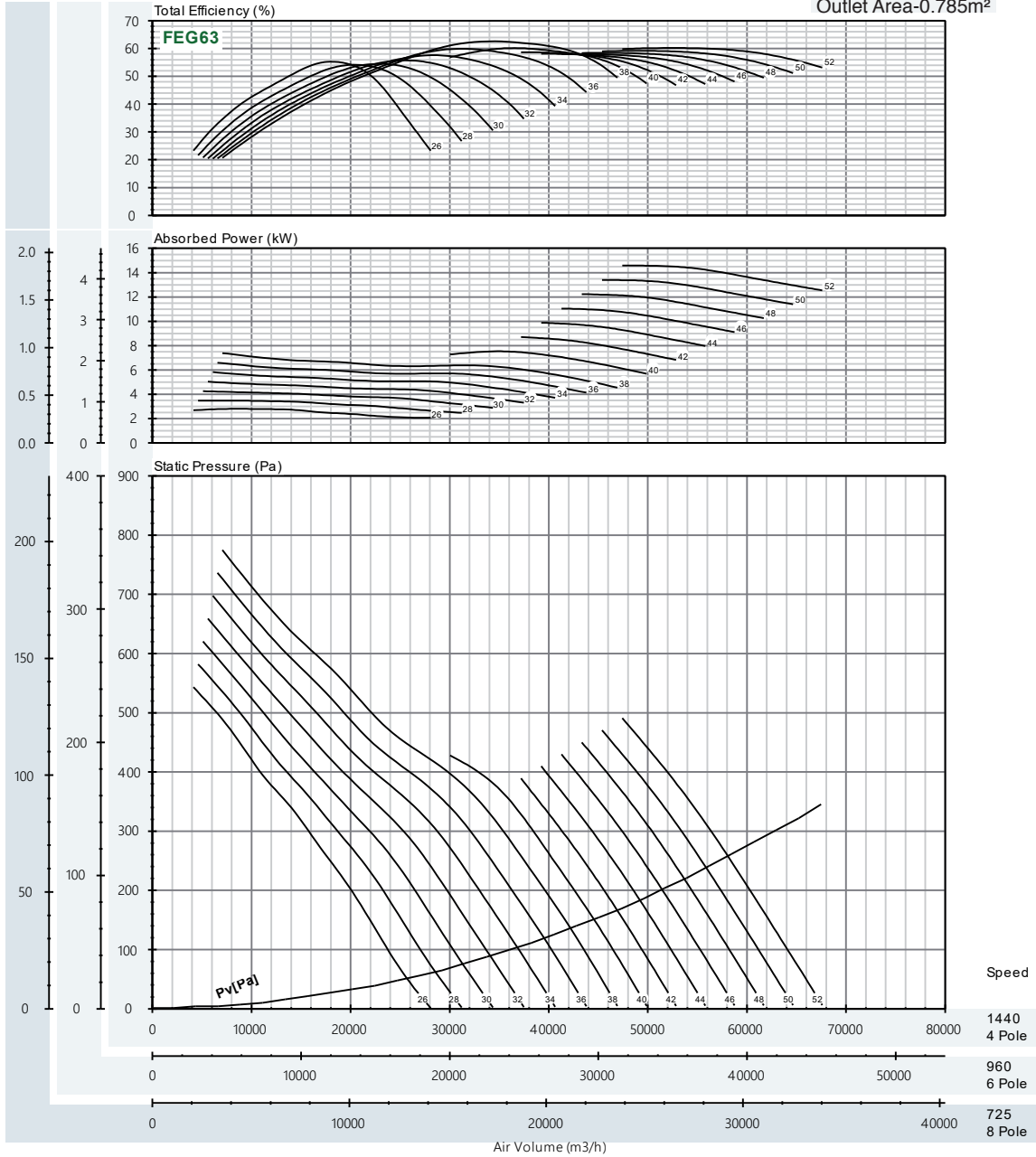
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.492	0.594	0.710	0.826	0.942	1.058	1.174	1.214	1.373	1.534	1.695	1.857	2.019	2.182
960 motor	1.142	1.378	1.648	1.917	2.187	2.456	2.725	2.819	3.189	3.561	3.935	4.311	4.688	5.065
1440 motor	3.853	4.652	5.561	6.470	7.380	8.289	9.198	9.513	10.762	12.019	13.282	14.549	15.821	17.095

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

AXIAL FLOW FAN

**50Hz**  
**TA-HT-1000-297-6-6**  
p = 1.2kg/m<sup>3</sup>

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

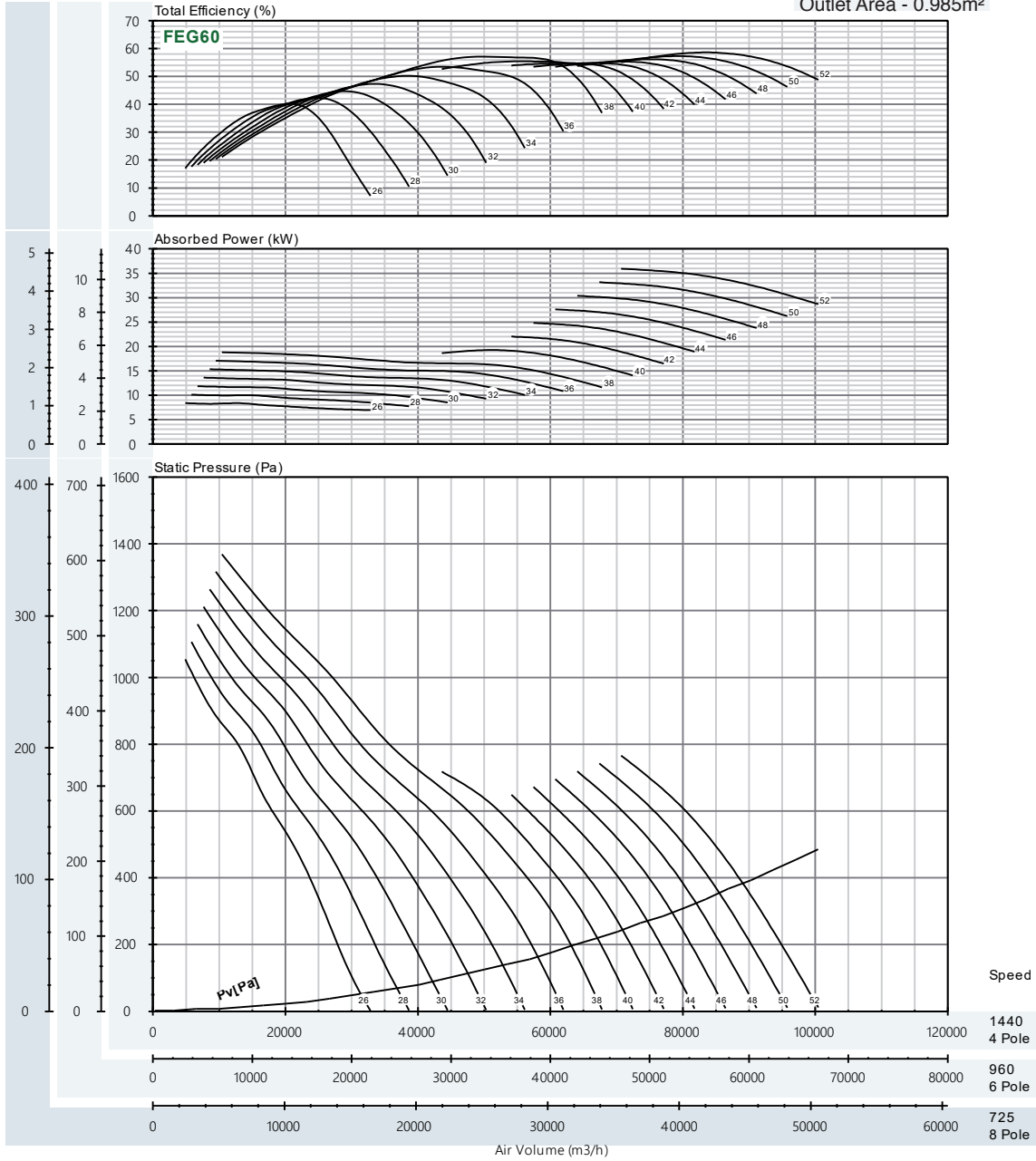
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.358	0.444	0.543	0.643	0.743	0.843	0.943	0.961	1.111	1.261	1.411	1.561	1.711	1.861
	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5					
960 motor	0.832	1.031	1.260	1.492	1.724	1.957	2.189	2.232	2.580	2.928	3.276	3.624	3.972	4.320
	1.1	1.5	2.2	3	4	5.5								
1440 motor	2.807	3.480	4.253	5.036	5.820	6.604	7.387	7.533	8.707	9.882	11.056	12.230	13.404	14.579
	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).

**50Hz**  
**TA-HT-1120-406-12-12**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	1.070	1.291	1.513	1.735	1.958	2.180	2.402	2.458	2.813	3.168	3.523	3.877	4.232	4.587
	1.1	1.5		2.2				3			4			5.5
960 motor	2.483	2.996	3.513	4.029	4.545	5.061	5.577	5.706	6.531	7.354	8.178	9.002	9.826	10.650
		3	4		5.5				7.5				11	
1440 motor	8.381	10.113	11.855	13.597	15.338	17.080	18.822	19.258	22.040	24.821	27.602	30.382	33.163	35.943
		11	15		18.5			22		30			37	

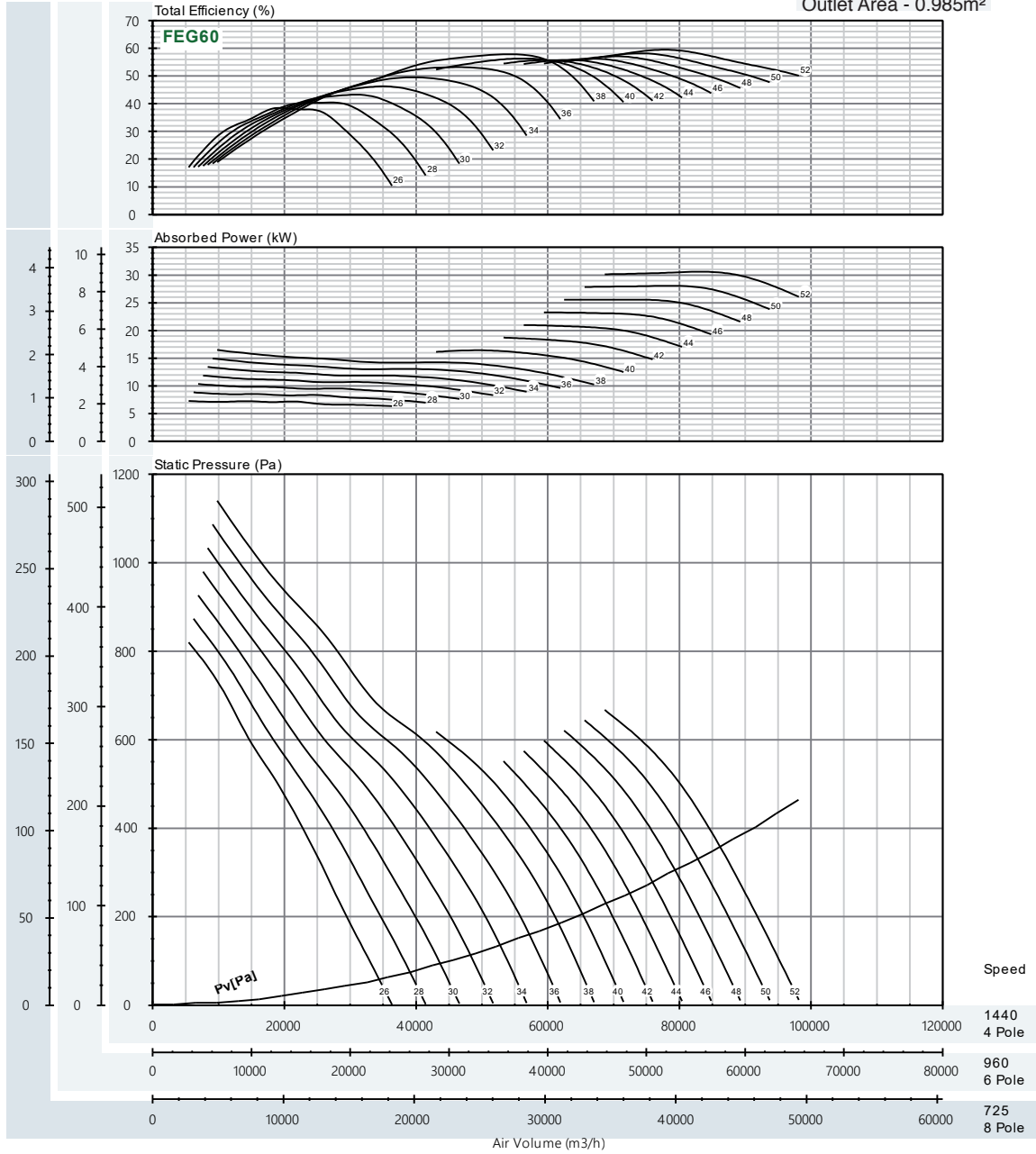
\* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



AXIAL FLOW FAN

50Hz  
TA-HT-1120-406-12-9  
p = 1.2kg/m<sup>3</sup>

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

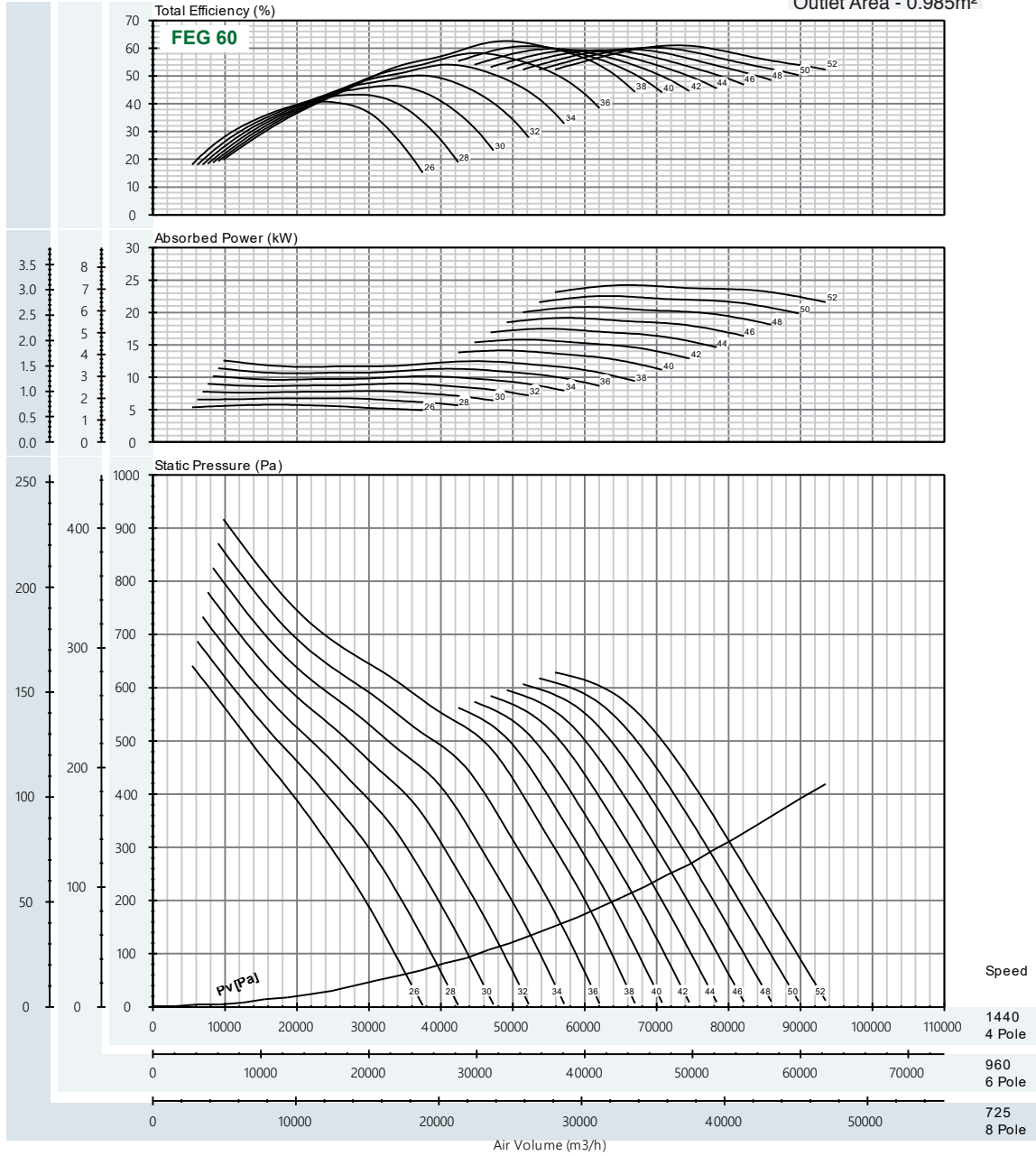
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.930	1.126	1.322	1.517	1.713	1.909	2.105	2.098	2.390	2.681	2.973	3.265	3.583	3.906
960 motor	2.159	2.614	3.068	3.523	3.977	4.432	4.886	4.872	5.548	6.225	6.902	7.580	8.319	9.068
1440 motor	7.288	8.821	10.355	11.889	13.423	14.957	16.490	16.443	18.723	21.009	23.296	25.582	28.077	30.604

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

AXIAL FLOW FAN

50Hz  
TA-HT-1120-406-12-6  
p = 1.2kg/m<sup>3</sup>

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

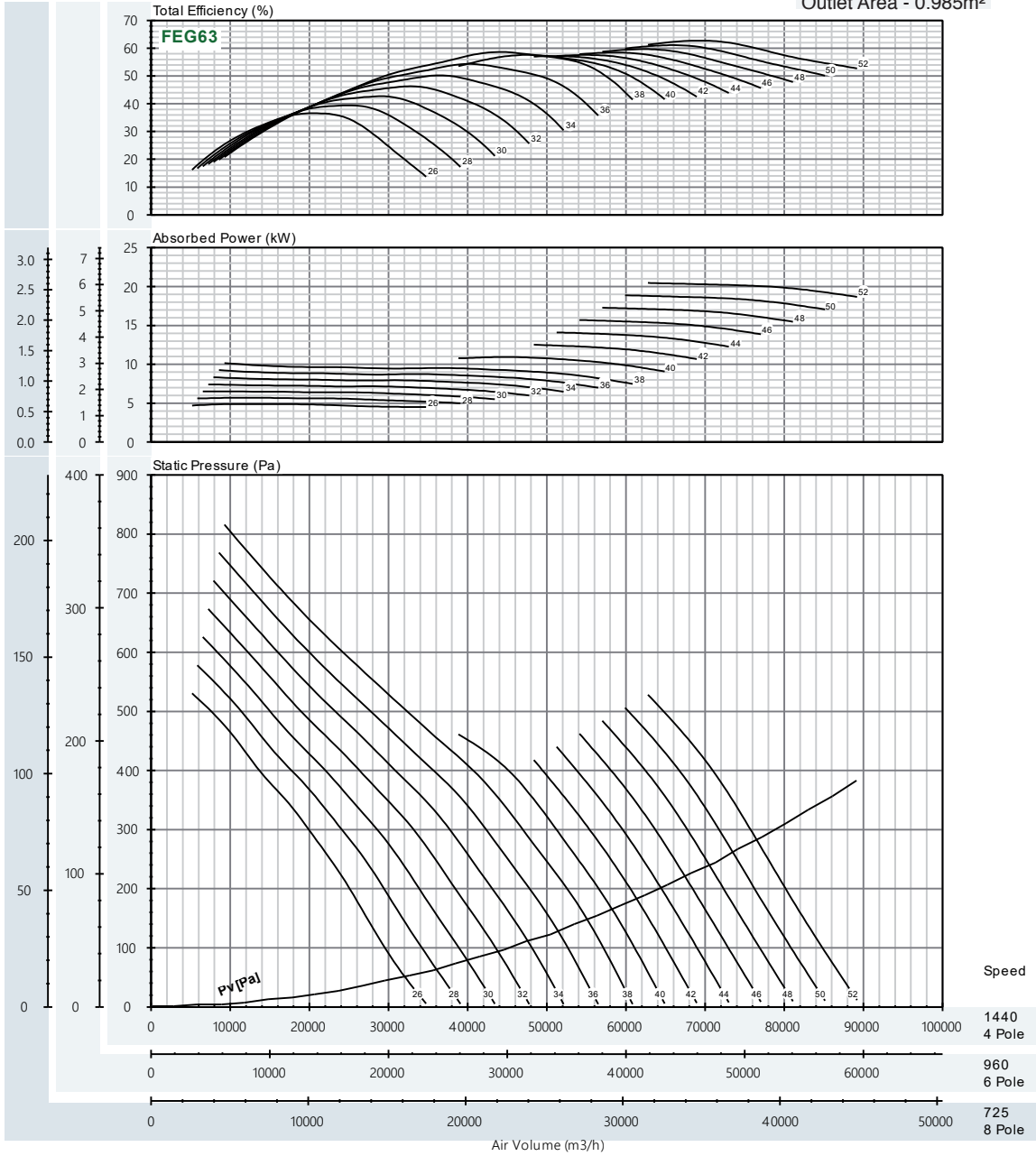
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.735	0.861	1.004	1.150	1.300	1.454	1.608	1.803	2.018	2.233	2.447	2.662	2.878	3.093
	0.75	1.1		1.5		2.2		3		4				
960 motor	1.706	1.999	2.331	2.670	3.019	3.376	3.734	4.187	4.685	5.184	5.682	6.181	6.681	7.182
	2.2	3		4		5.5		7.5						
1440 motor	5.756	6.748	7.867	9.012	10.190	11.396	12.601	14.131	15.811	17.495	19.177	20.861	22.550	24.238
	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).

AXIAL FLOW FAN

**50Hz**  
**TA-HT-1120-297-6-6**  
 p = 1.2kg/m<sup>3</sup>

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

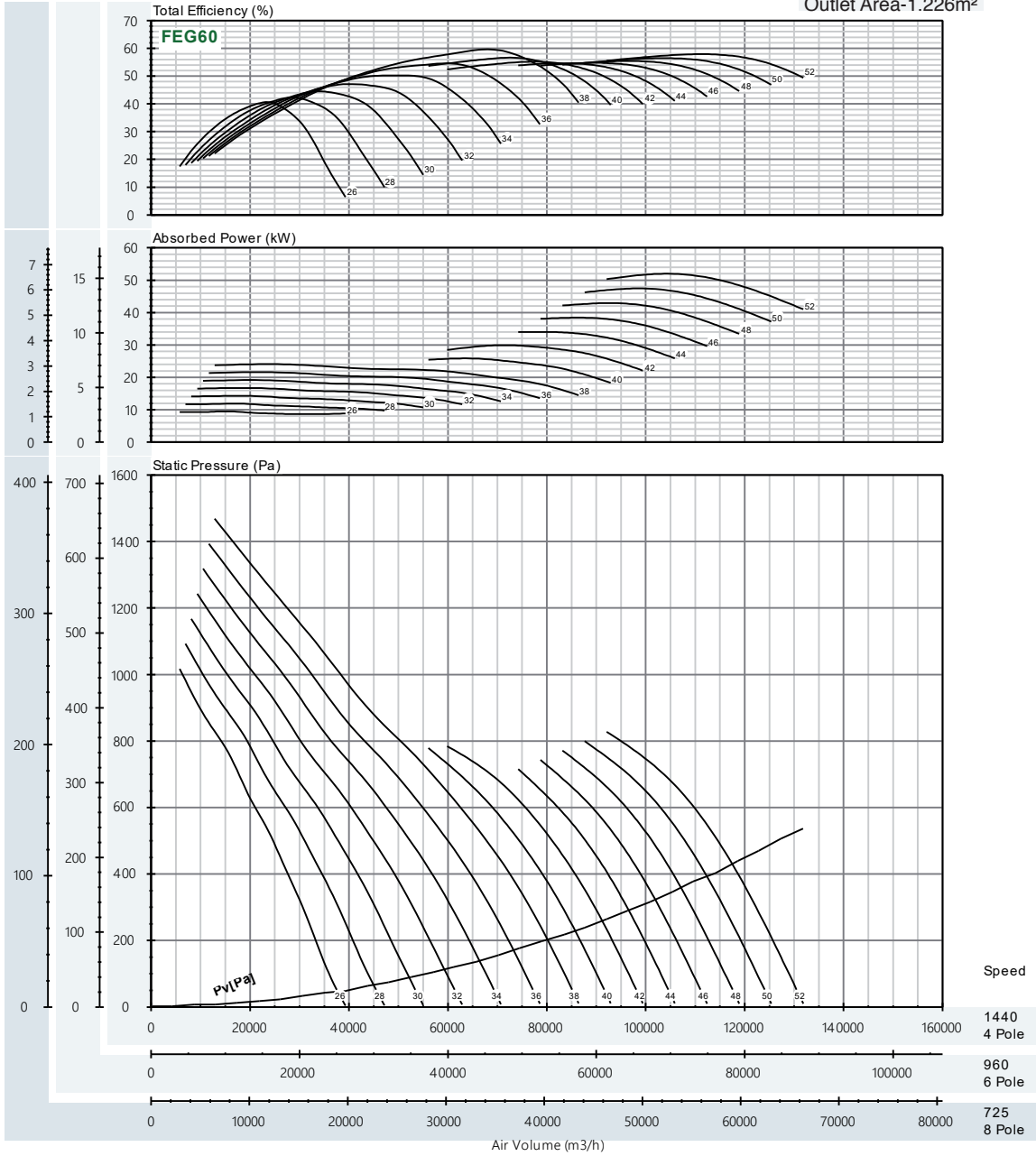
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.624	0.726	0.831	0.947	1.063	1.179	1.295	1.395	1.597	1.800	2.003	2.206	2.409	2.612
	0.75		1.1			1.5			2.2			3		
960 motor	1.450	1.685	1.930	2.199	2.468	2.737	3.006	3.238	3.709	4.180	4.651	5.122	5.593	6.064
	1.5	2.2		3			4			5.5			7.5	
1440 motor	4.892	5.687	6.514	7.422	8.330	9.238	10.146	10.928	12.516	14.107	15.697	17.287	18.877	20.468
	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).

AXIAL FLOW FAN

50Hz  
TA-HT-1250-406-12-12  
ρ = 1.2kg/m<sup>3</sup>

Outlet Area-1.226m<sup>2</sup>



Peak Absorbed Power (Kw)

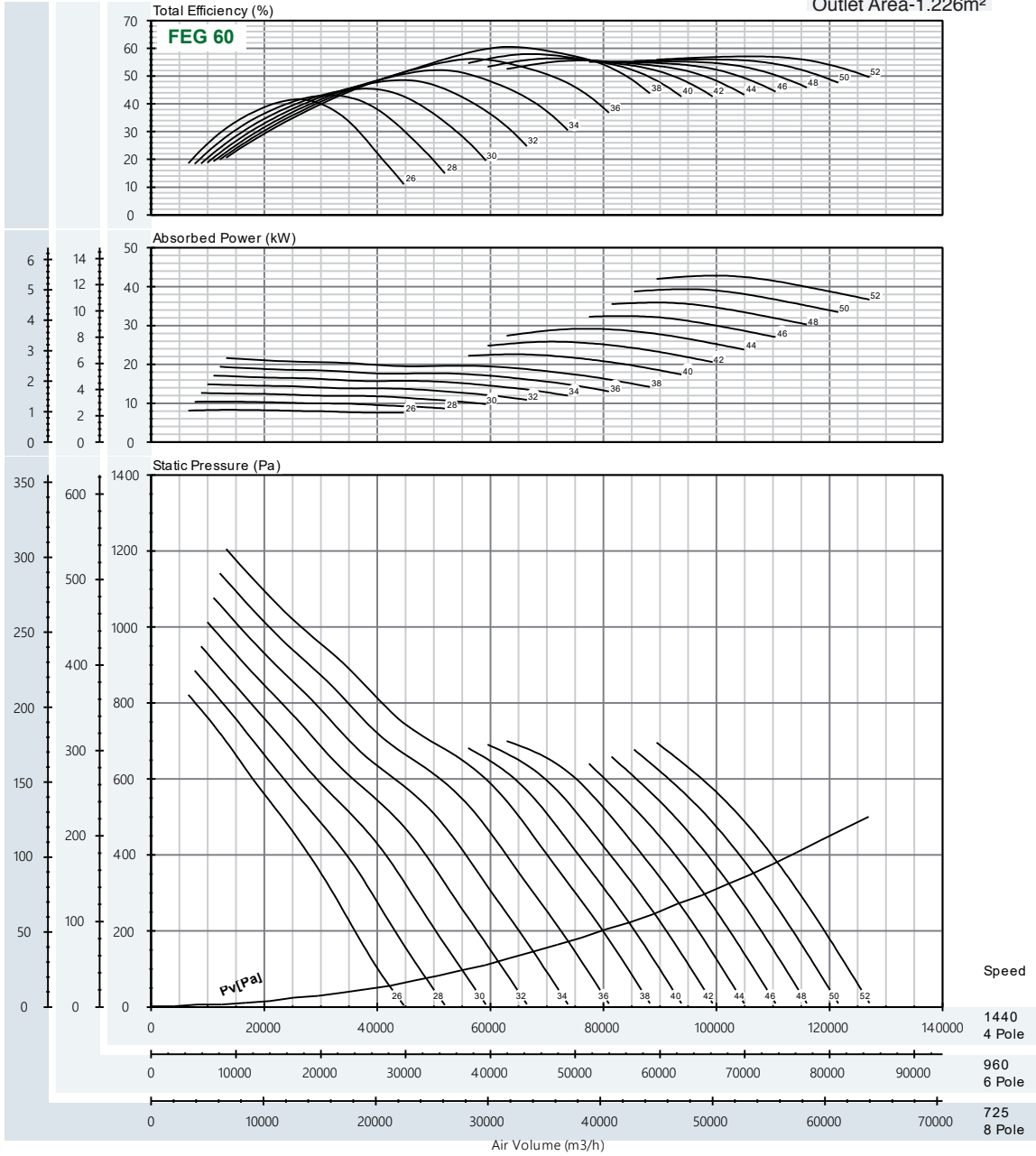
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	1.212	1.513	1.819	2.131	2.444	2.758	3.073	3.297	3.818	4.343	4.906	5.480	6.057	6.636
960 motor	2.814	3.513	4.224	4.947	5.674	6.404	7.134	7.655	8.865	10.083	11.391	12.723	14.062	15.407
1440 motor	9.496	11.857	14.257	16.697	19.151	21.613	24.076	25.837	29.918	34.031	38.445	42.940	47.458	51.998

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

AXIAL FLOW FAN

50Hz  
TA-HT-1250-406-12-9  
p = 1.2kg/m<sup>3</sup>

Outlet Area-1.226m<sup>2</sup>



Peak Absorbed Power (Kw)

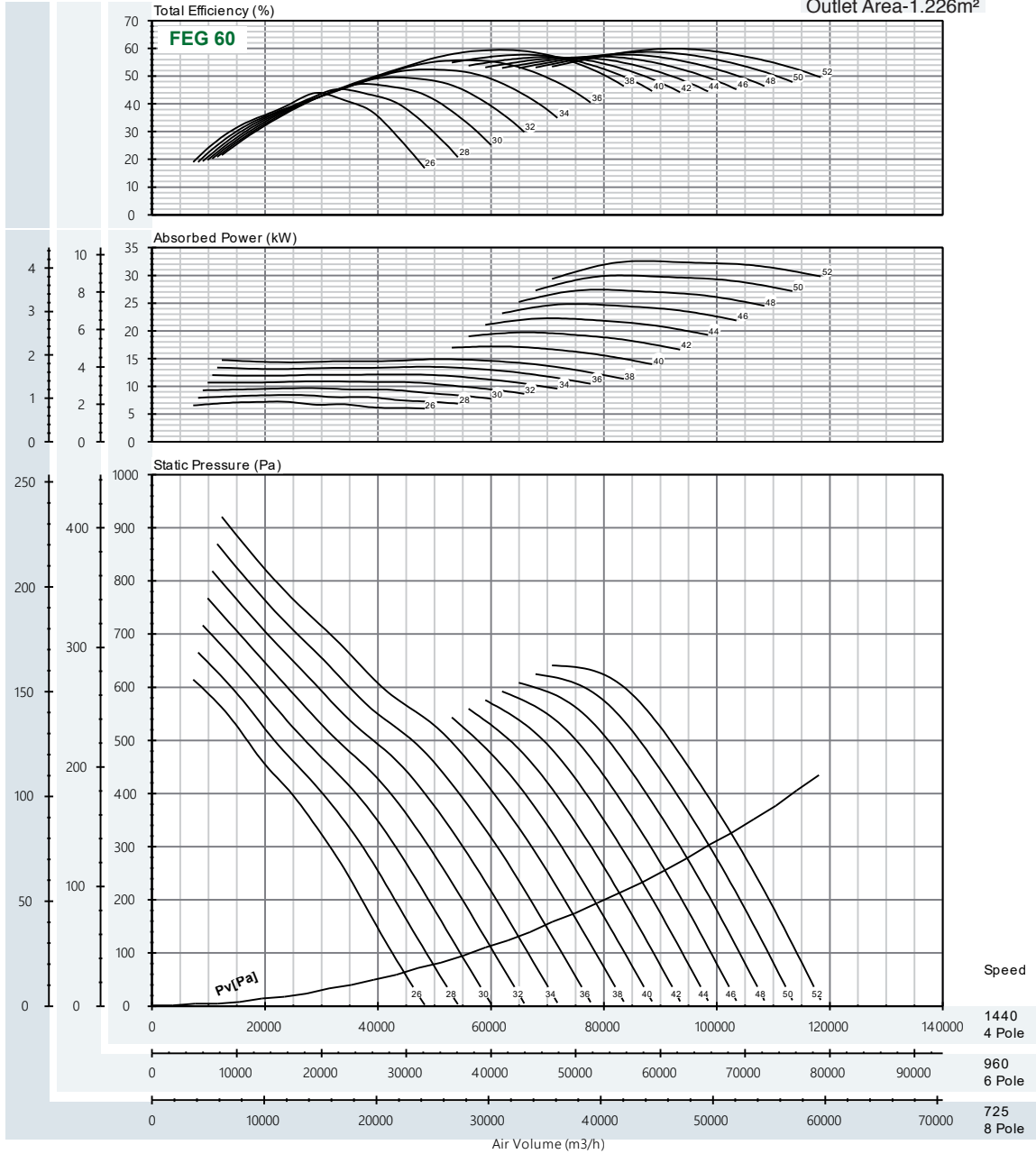
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	1.062	1.326	1.611	1.899	2.186	2.474	2.762	2.884	3.298	3.725	4.142	4.582	5.025	5.470
960 motor	2.465	3.079	3.740	4.408	5.076	5.744	6.413	6.695	7.657	8.648	9.615	10.637	11.666	12.701
1440 motor	8.318	10.390	12.621	14.877	17.132	19.388	21.643	22.596	25.841	29.188	32.451	35.899	39.373	42.865

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

AXIAL FLOW FAN

50Hz  
TA-HT-1250-406-12-6  
p = 1.2kg/m<sup>3</sup>

Outlet Area-1.226m<sup>2</sup>



Peak Absorbed Power (Kw)

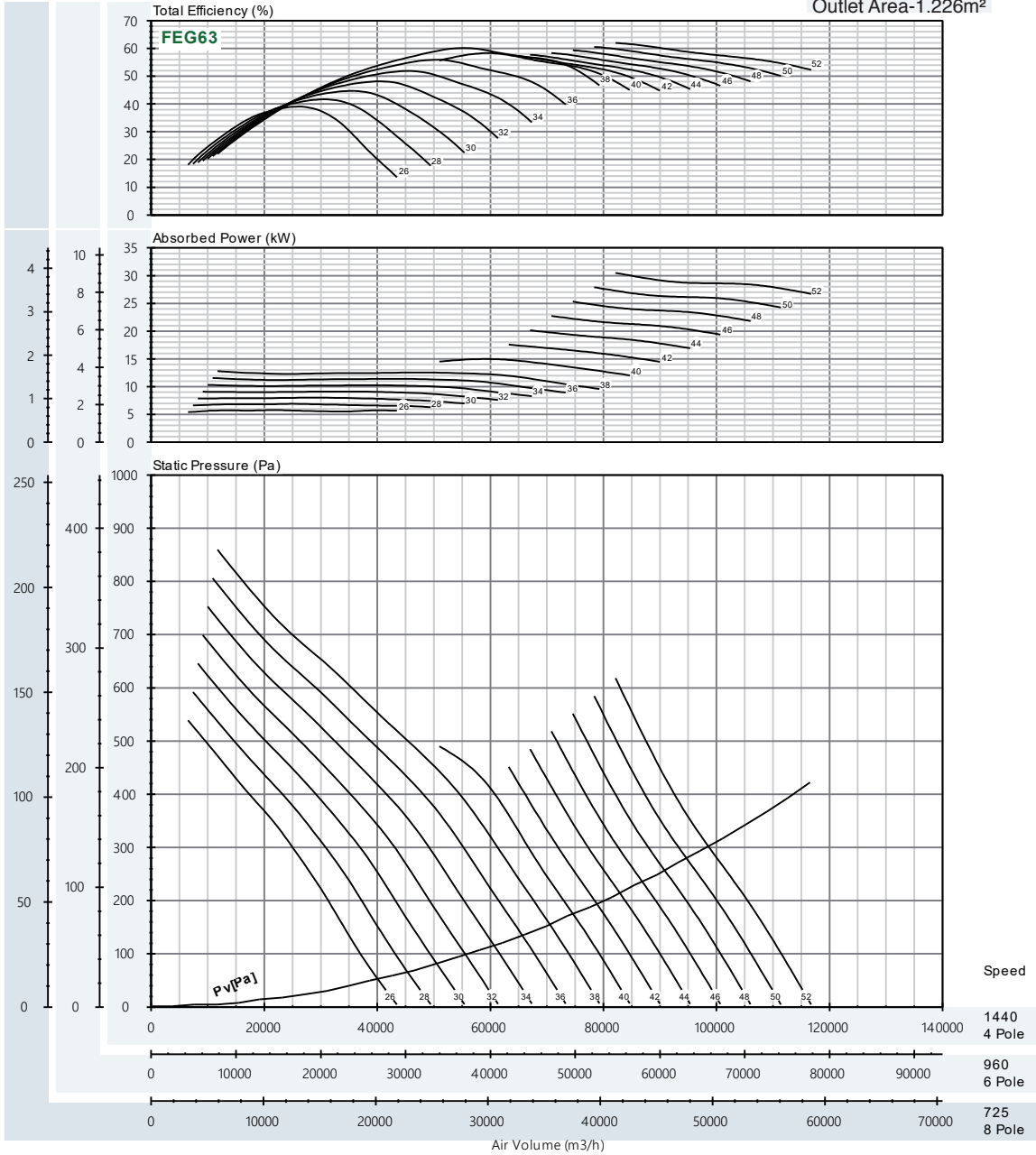
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.925	1.080	1.234	1.389	1.551	1.726	1.901	2.195	2.517	2.843	3.172	3.501	3.831	4.161
	1.1	1.5	2.2	3	4	5.5	7.5	11						
960 motor	2.147	2.506	2.866	3.225	3.601	4.007	4.413	5.095	5.844	6.602	7.364	8.127	8.893	9.661
	2.2	3	4	5.5	7.5	11								
1440 motor	7.247	8.459	9.671	10.884	12.155	13.525	14.895	17.197	19.725	22.280	24.854	27.429	30.015	32.604
	7.5	11	15	18.5	22	30	37							

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

AXIAL FLOW FAN

50Hz  
TA-HT-1250-297-6-6  
p = 1.2kg/m3

Outlet Area-1.226m<sup>2</sup>



Peak Absorbed Power (Kw)

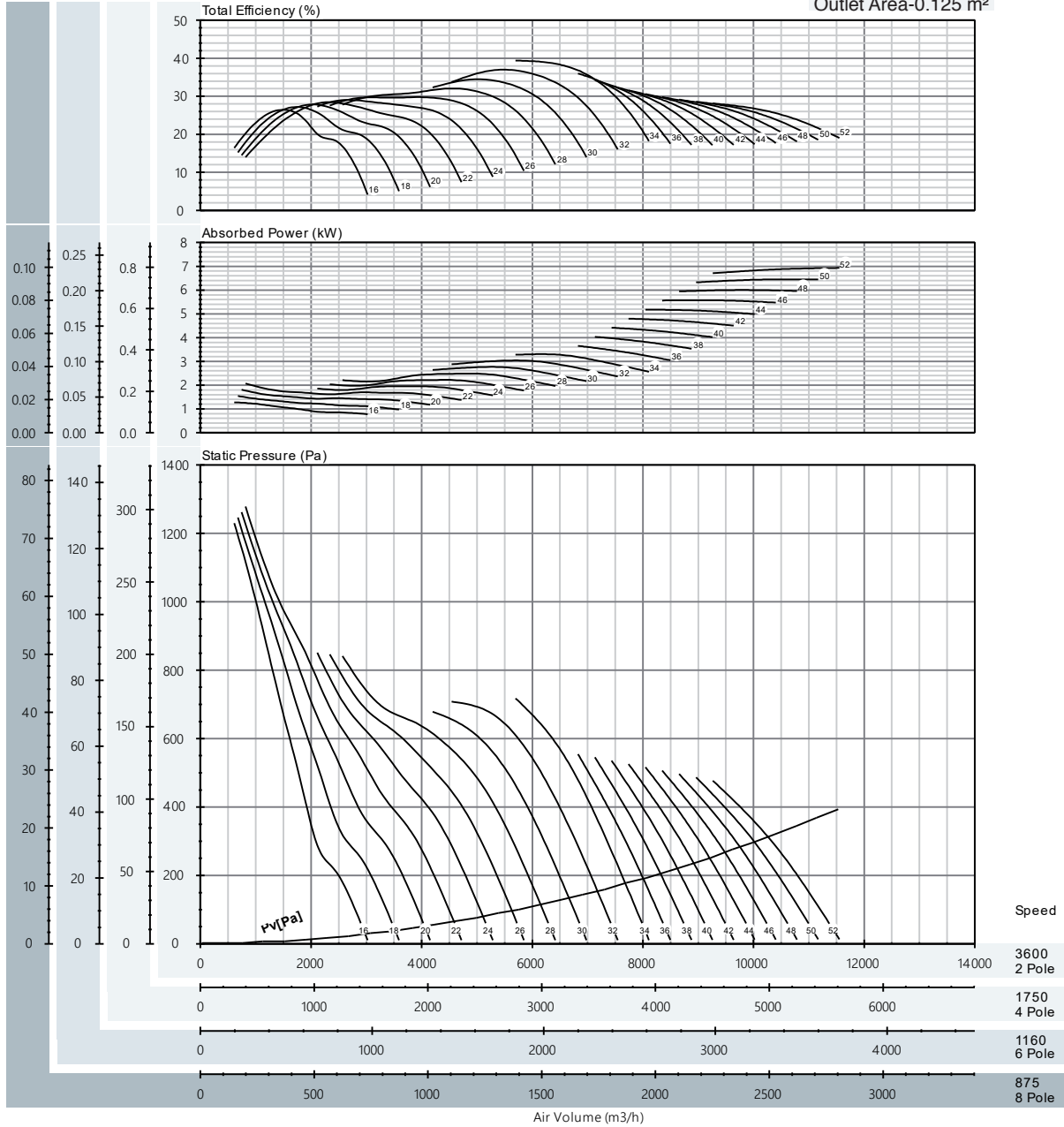
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
725 motor	0.737	0.879	1.022	1.165	1.317	1.474	1.631	1.912	2.242	2.572	2.903	3.233	3.563	3.893
	0.75	1.1		1.5		2.2		3		4				
960 motor	1.712	2.042	2.372	2.705	3.057	3.422	3.787	4.439	5.206	5.972	6.739	7.506	8.272	9.039
	2.2	3		4		5.5		7.5		11				
1440 motor	5.777	6.891	8.007	9.130	10.319	11.551	12.782	14.983	17.569	20.156	22.744	25.332	27.919	30.507
	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).

**60Hz**  
**TA-HT-400-240-12-12**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.125 m<sup>2</sup>



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	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	0.028	0.032	0.036	0.040	0.044	0.047	0.052	0.058	0.063	0.069	0.074	0.080	0.086	0.093	0.100
1160 motor	0.043	0.052	0.060	0.069	0.065	0.074	0.083	0.093	0.102	0.111	0.122	0.135	0.148	0.161	0.173	0.187	0.201	0.216	0.232
1750 motor	0.147	0.177	0.208	0.238	0.224	0.255	0.286	0.318	0.349	0.380	0.420	0.464	0.508	0.551	0.595	0.640	0.690	0.741	0.796
3600 motor	1.279	1.543	1.808	2.072	1.949	2.219	2.491	2.767	3.040	3.305	3.656	4.037	4.419	4.800	5.181	5.576	6.004	6.452	6.933
	1.5	2.2	3	4	5.5	7.5													

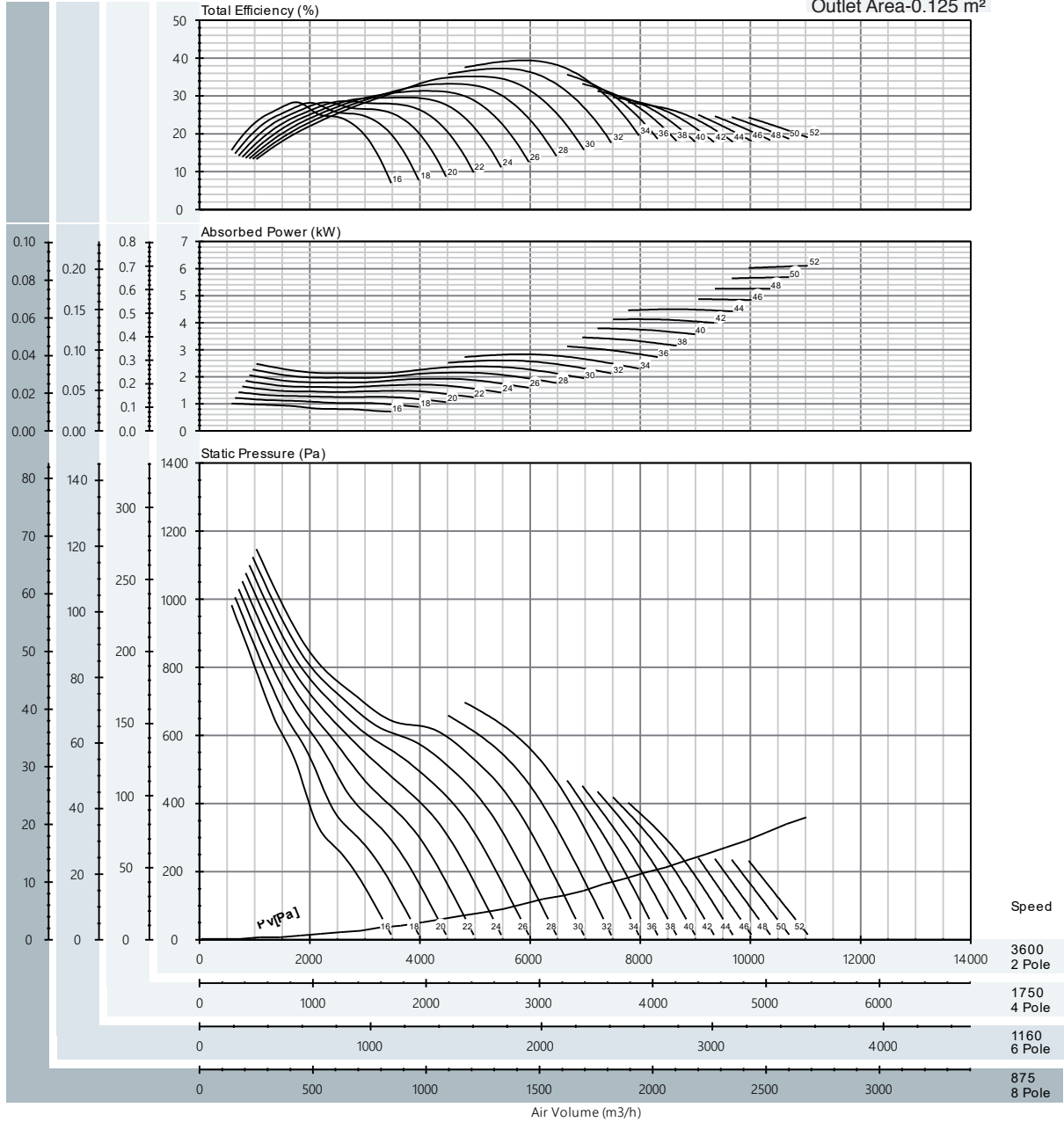
\* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



**60Hz**  
**TA-HT-400-240-12-9**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.125 m<sup>2</sup>



Peak Absorbed Power (Kw)

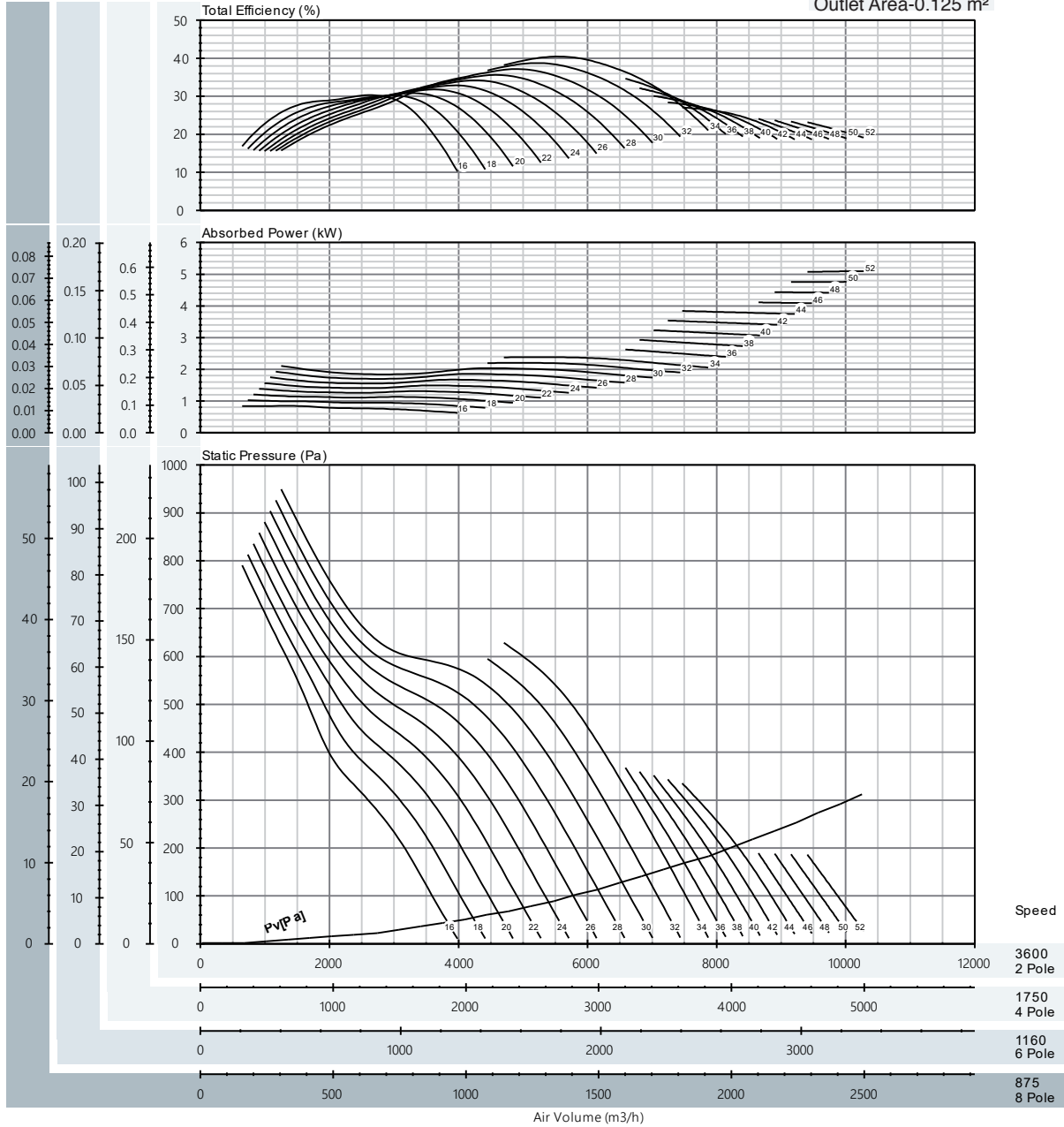
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.015	0.018	0.021	0.024	0.027	0.030	0.033	0.036	0.037	0.041	0.045	0.050	0.054	0.059	0.065	0.070	0.076	0.082	0.088
				0.04							0.06				0.09				
1160 motor	0.034	0.041	0.048	0.055	0.062	0.069	0.076	0.083	0.087	0.095	0.105	0.116	0.127	0.138	0.150	0.163	0.176	0.190	0.204
	0.04		0.06				0.09			0.12				0.18				0.25	
1750 motor	0.116	0.140	0.164	0.188	0.212	0.237	0.261	0.285	0.299	0.325	0.359	0.397	0.436	0.474	0.517	0.560	0.605	0.653	0.702
	0.12		0.18		0.25				0.37				0.55			0.75			
3600 motor	1.012	1.221	1.431	1.640	1.849	2.059	2.268	2.478	2.607	2.832	3.126	3.459	3.792	4.130	4.497	4.878	5.263	5.686	6.109
	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).

**60Hz**  
**TA-HT-400-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.125 m<sup>2</sup>



Peak Absorbed Power (Kw)

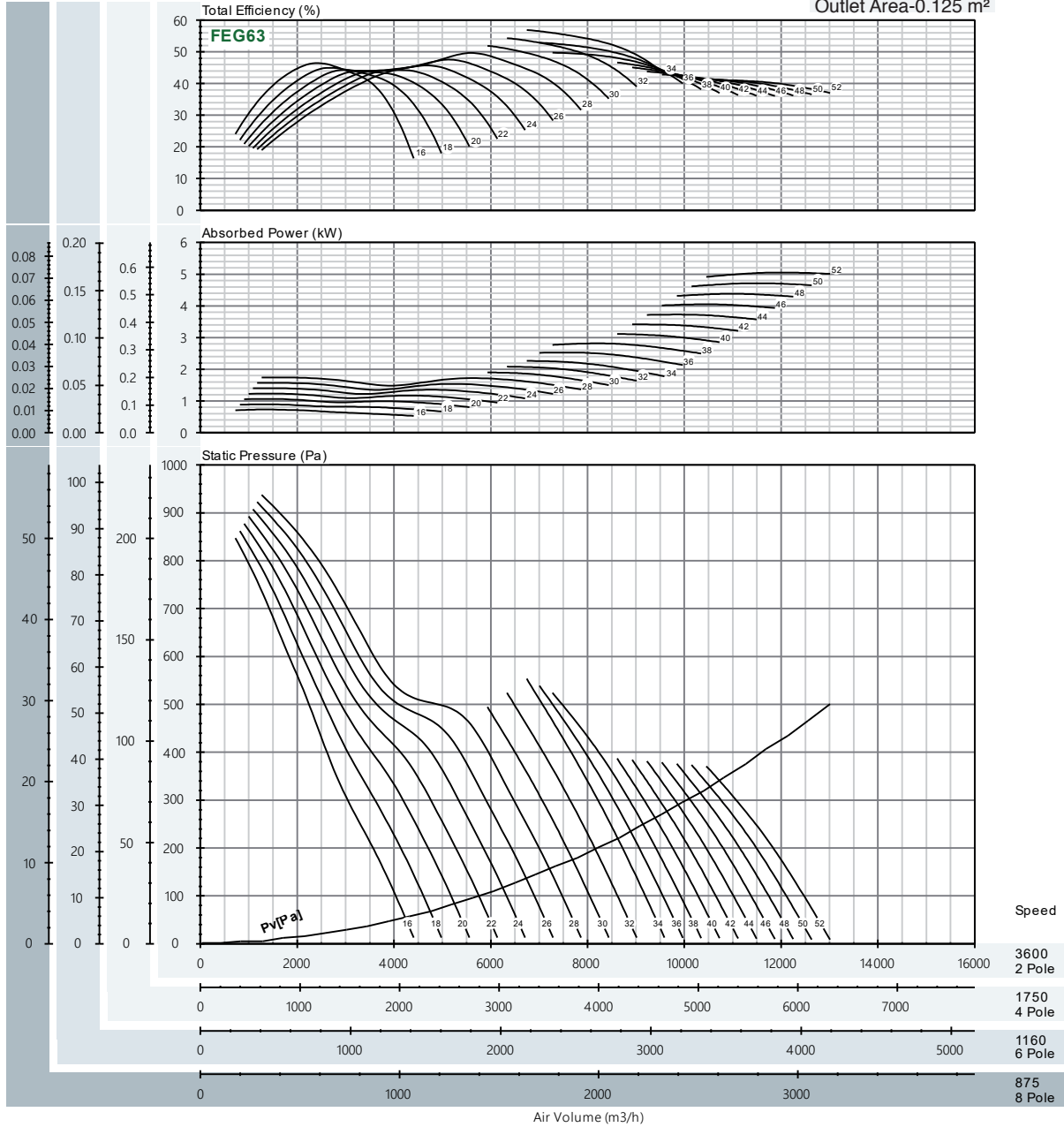
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.012	0.015	0.017	0.020	0.023	0.025	0.028	0.030	0.032	0.034	0.038	0.042	0.046	0.051	0.055	0.059	0.064	0.068	0.073
1160 motor	0.028	0.034	0.040	0.046	0.052	0.058	0.065	0.071	0.074	0.080	0.088	0.098	0.108	0.118	0.129	0.138	0.148	0.159	0.171
1750 motor	0.097	0.118	0.139	0.159	0.180	0.201	0.221	0.242	0.253	0.274	0.302	0.337	0.372	0.407	0.442	0.472	0.509	0.547	0.586
3600 motor	0.846	1.025	1.206	1.386	1.567	1.748	1.928	2.109	2.205	2.385	2.627	2.931	3.236	3.540	3.844	4.112	4.434	4.760	5.099

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

**60Hz**  
**TA-HT-400-150-6-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.125 m<sup>2</sup>



Peak Absorbed Power (Kw)

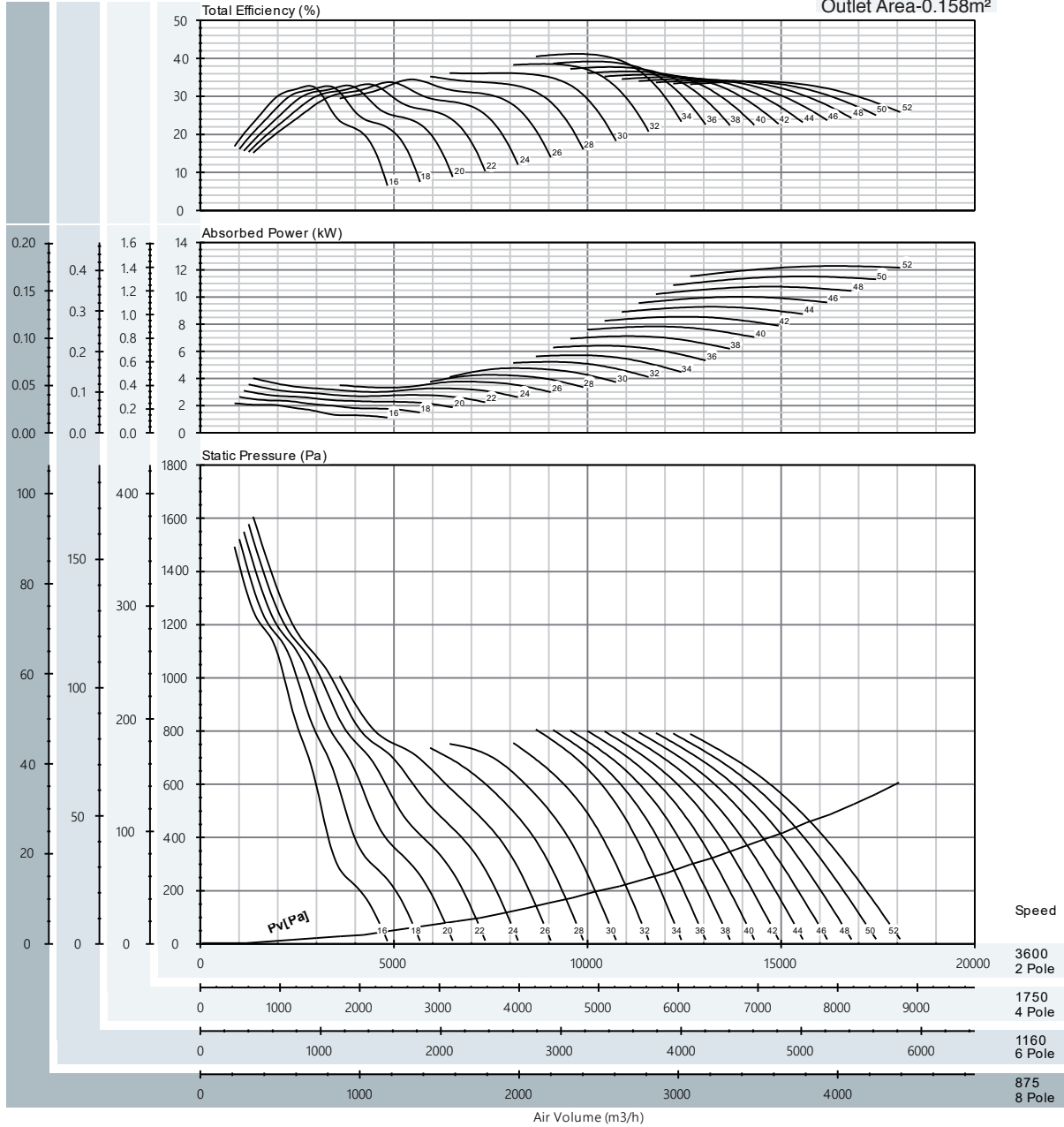
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.010	0.013	0.015	0.018	0.020	0.023	0.025	0.027	0.030	0.033	0.036	0.040	0.045	0.049	0.054	0.058	0.063	0.068	0.073
						0.04						0.06						0.09	
1160 motor	0.024	0.030	0.036	0.041	0.047	0.053	0.058	0.064	0.070	0.076	0.085	0.094	0.104	0.114	0.125	0.136	0.147	0.158	0.169
	0.04		0.06			0.09			0.12			0.18							
1750 motor	0.084	0.103	0.122	0.141	0.161	0.180	0.200	0.218	0.240	0.260	0.291	0.324	0.358	0.393	0.428	0.465	0.503	0.542	0.581
	0.09	0.12	0.18		0.25			0.37			0.55			0.75					
3600 motor	0.729	0.895	1.062	1.231	1.401	1.571	1.742	1.902	2.085	2.267	2.530	2.819	3.118	3.417	3.728	4.051	4.381	4.716	5.055
	0.75	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).

60Hz  
TA-HT-450-240-12-12  
p = 1.2kg/m3

AXIAL FLOW FAN

Outlet Area-0.158m<sup>2</sup>



Peak Absorbed Power (Kw)

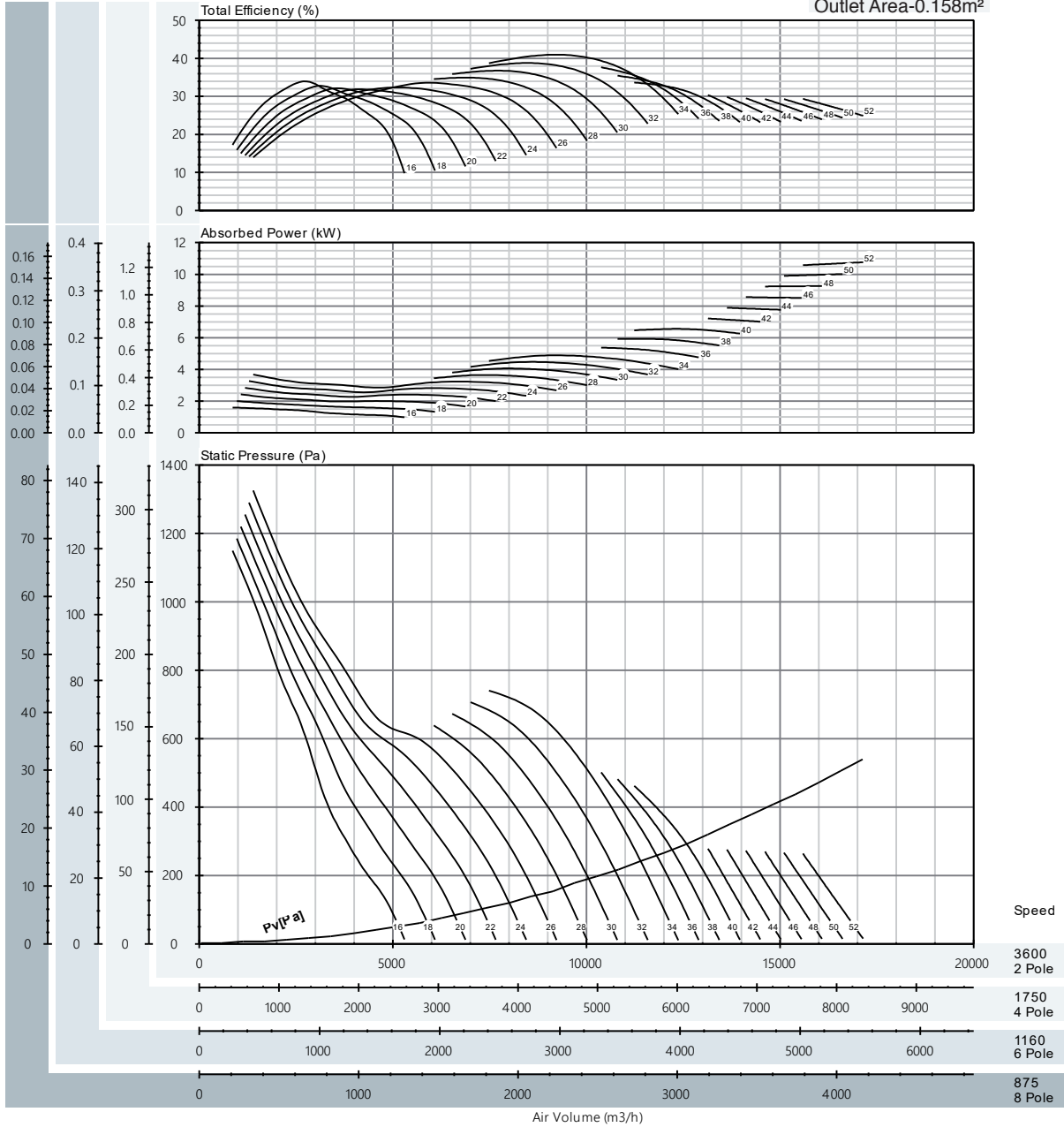
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.031	0.038	0.044	0.051	0.058	0.054	0.061	0.068	0.075	0.082	0.092	0.102	0.112	0.123	0.133	0.144	0.155	0.165	0.176
1160 motor	0.073	0.088	0.104	0.119	0.135	0.126	0.143	0.159	0.175	0.191	0.215	0.238	0.262	0.286	0.310	0.335	0.360	0.385	0.411
1750 motor	0.250	0.303	0.356	0.409	0.462	0.434	0.490	0.547	0.600	0.657	0.737	0.817	0.899	0.982	1.066	1.150	1.236	1.323	1.411
3600 motor	2.175	2.636	3.098	3.559	4.021	3.775	4.264	4.759	5.225	5.717	6.412	7.116	7.829	8.550	9.277	10.015	10.761	11.516	12.283

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

**60Hz**  
**TA-HT-450-240-12-9**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.158m<sup>2</sup>



Peak Absorbed Power (Kw)

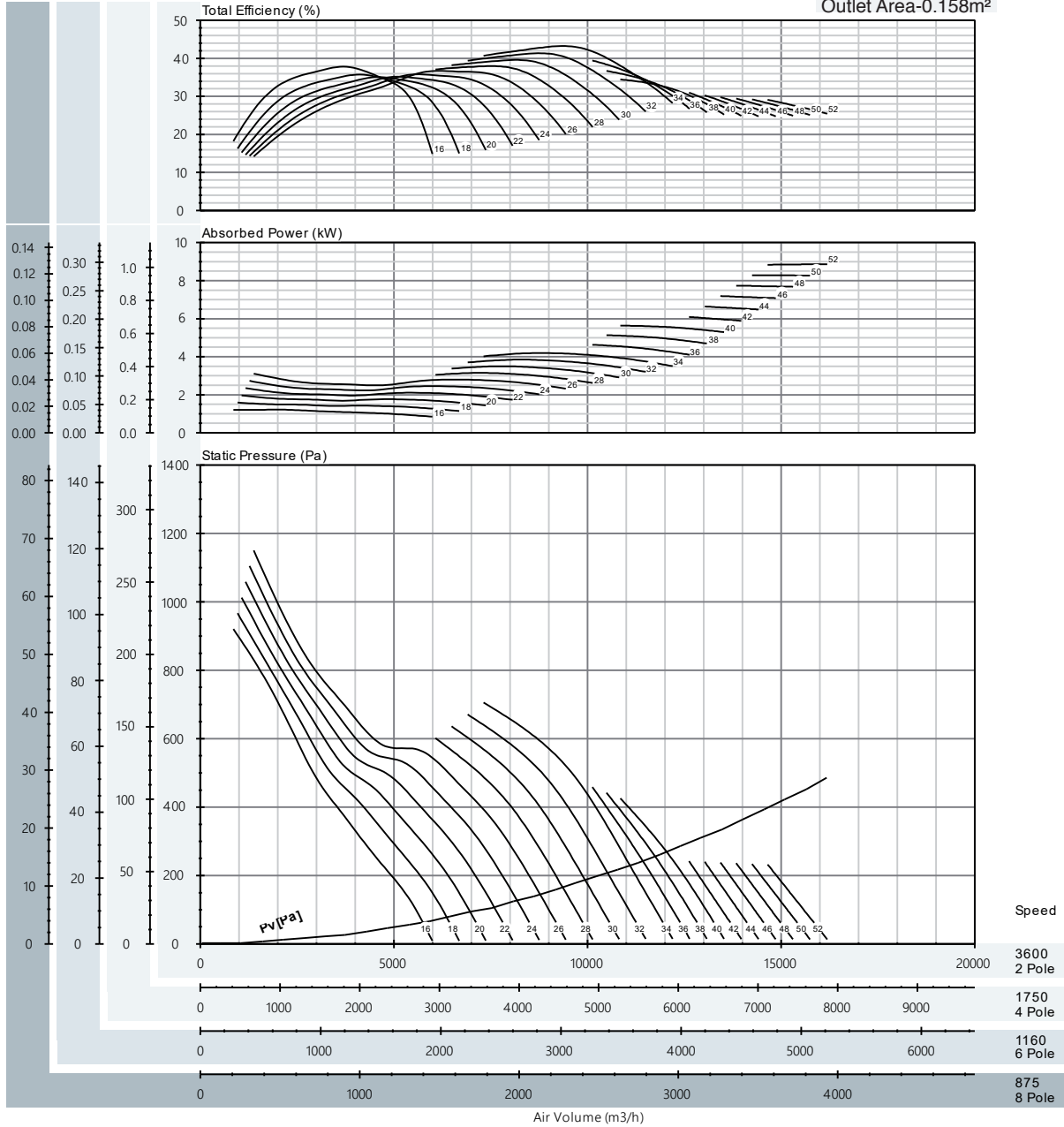
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.023	0.029	0.035	0.041	0.047	0.053	0.052	0.058	0.064	0.070	0.077	0.085	0.094	0.104	0.113	0.123	0.133	0.144	0.155
	0.04			0.06			0.09			0.12			0.18						
1160 motor	0.053	0.067	0.081	0.095	0.109	0.123	0.122	0.136	0.150	0.164	0.180	0.198	0.219	0.241	0.264	0.286	0.310	0.335	0.360
	0.06	0.09	0.12	0.18			0.25			0.37									
1750 motor	0.182	0.230	0.279	0.327	0.375	0.423	0.419	0.466	0.514	0.562	0.618	0.681	0.753	0.829	0.906	0.984	1.064	1.150	1.236
	0.25	0.37	0.55			0.75			1.1			1.5							
3600 motor	1.587	2.006	2.425	2.844	3.264	3.683	3.646	4.061	4.474	4.889	5.377	5.932	6.559	7.218	7.890	8.562	9.264	10.014	10.763
	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).

60Hz  
TA-HT-450-240-12-6  
p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.158m<sup>2</sup>



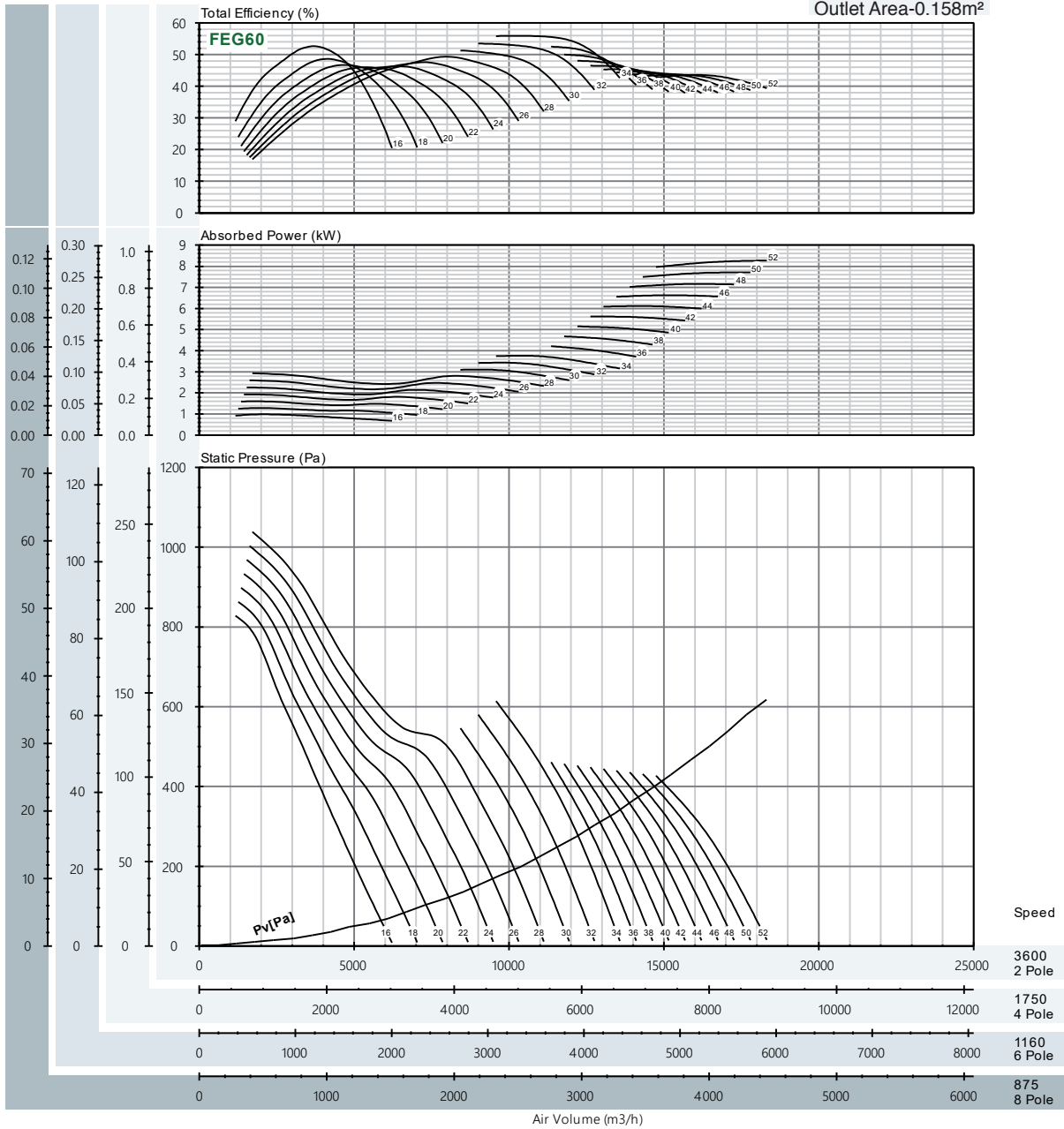
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.017	0.023	0.028	0.034	0.039	0.045	0.045	0.050	0.055	0.060	0.067	0.074	0.081	0.088	0.095	0.103	0.111	0.119	0.127
1160 motor	0.041	0.053	0.066	0.079	0.091	0.104	0.105	0.117	0.129	0.140	0.155	0.172	0.189	0.204	0.222	0.241	0.259	0.277	0.297
1750 motor	0.139	0.182	0.226	0.270	0.314	0.358	0.362	0.402	0.442	0.482	0.532	0.590	0.648	0.700	0.763	0.826	0.889	0.952	1.019
3600 motor	1.212	1.585	1.968	2.350	2.732	3.114	3.150	3.499	3.847	4.197	4.632	5.136	5.640	6.095	6.644	7.192	7.740	8.289	8.872

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

**60Hz**  
**TA-HT-450-150-6-6**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



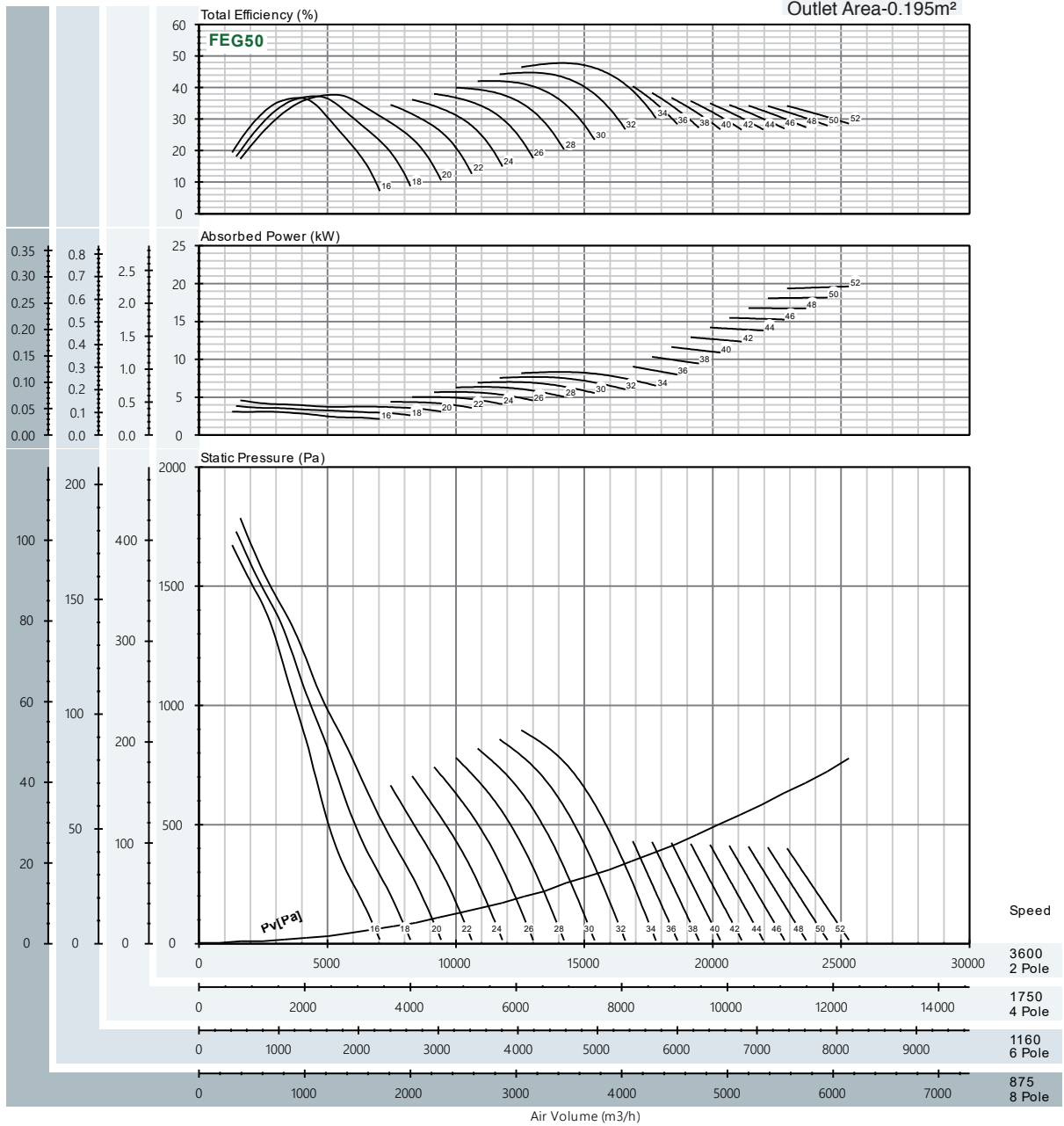
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.014	0.018	0.023	0.028	0.033	0.037	0.042	0.045	0.049	0.054	0.061	0.067	0.074	0.081	0.088	0.095	0.103	0.111	0.119
	0.04			0.06			0.09			0.12									
1160 motor	0.033	0.043	0.054	0.065	0.076	0.087	0.098	0.104	0.115	0.126	0.141	0.157	0.172	0.188	0.205	0.222	0.240	0.258	0.277
	0.04	0.06	0.09	0.12	0.18	0.25	0.37												
1750 motor	0.113	0.148	0.184	0.222	0.260	0.299	0.337	0.357	0.395	0.433	0.484	0.538	0.592	0.646	0.702	0.762	0.823	0.885	0.951
	0.12	0.18	0.25	0.37	0.55	0.75	1.1												
3600 motor	0.987	1.287	1.601	1.930	2.265	2.599	2.934	3.109	3.437	3.766	4.215	4.683	5.151	5.620	6.115	6.631	7.161	7.708	8.276
	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).

**60Hz**  
**TA-HT-500-240-12-12**  
 ρ = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

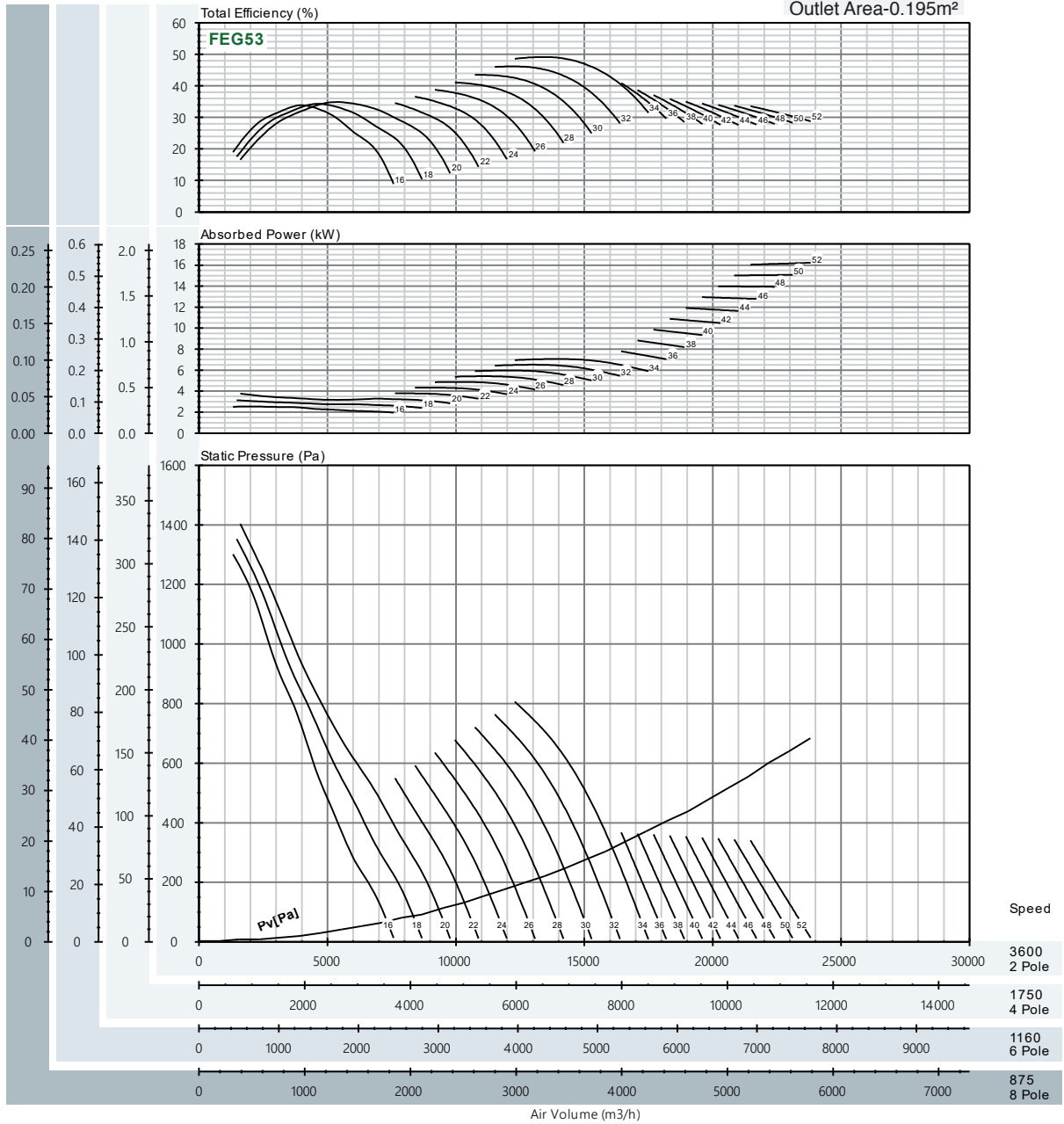
N(rpm)	Blade Pitch Angle [°]																			
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	0.044	0.055	0.066	0.063	0.072	0.082	0.091	0.101	0.110	0.120	0.130	0.148	0.167	0.185	0.204	0.222	0.241	0.261	0.282	
	0.06		0.09			0.12			0.18			0.25			0.37					
1160 motor	0.103	0.128	0.153	0.147	0.168	0.190	0.212	0.235	0.257	0.279	0.303	0.346	0.389	0.432	0.475	0.518	0.561	0.608	0.657	
	0.12		0.18			0.25			0.37			0.55			0.75					
1750 motor	0.354	0.440	0.526	0.505	0.577	0.653	0.729	0.805	0.882	0.958	1.039	1.187	1.335	1.483	1.631	1.779	1.928	2.087	2.255	
	0.37		0.55			0.75			1.1			1.5			2.2			3		
3600 motor	3.082	3.832	4.581	4.392	5.026	5.683	6.347	7.012	7.677	8.343	9.044	10.333	11.623	12.912	14.201	15.490	16.780	18.172	19.628	
	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).



**60Hz**  
**TA-HT-500-240-12-9**  
 ρ = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



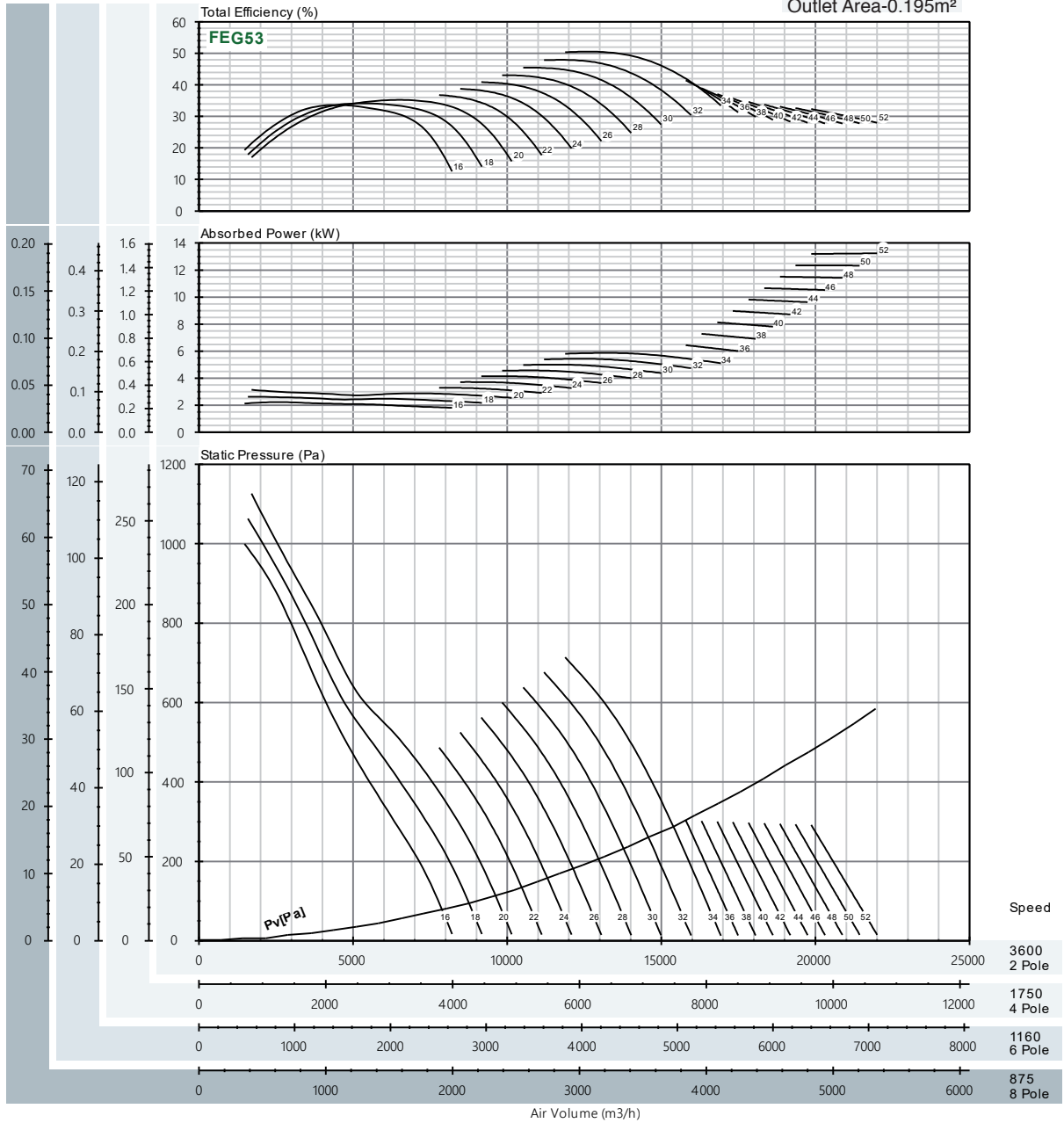
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.037	0.045	0.054	0.055	0.062	0.070	0.078	0.086	0.094	0.102	0.112	0.127	0.142	0.156	0.171	0.186	0.201	0.217	0.233
1160 motor	0.085	0.105	0.126	0.127	0.145	0.163	0.182	0.200	0.218	0.237	0.261	0.295	0.330	0.364	0.399	0.433	0.468	0.504	0.543
1750 motor	0.293	0.361	0.433	0.437	0.498	0.561	0.624	0.686	0.749	0.812	0.896	1.014	1.133	1.251	1.369	1.488	1.606	1.732	1.864
3600 motor	2.552	3.146	3.767	3.806	4.338	4.882	5.428	5.975	6.524	7.071	7.798	8.829	9.860	10.891	11.922	12.953	13.984	15.078	16.224
	3	4				5.5			7.5			11			15			18.5	

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

**60Hz**  
**TA-HT-500-240-12-6**  
 ρ = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



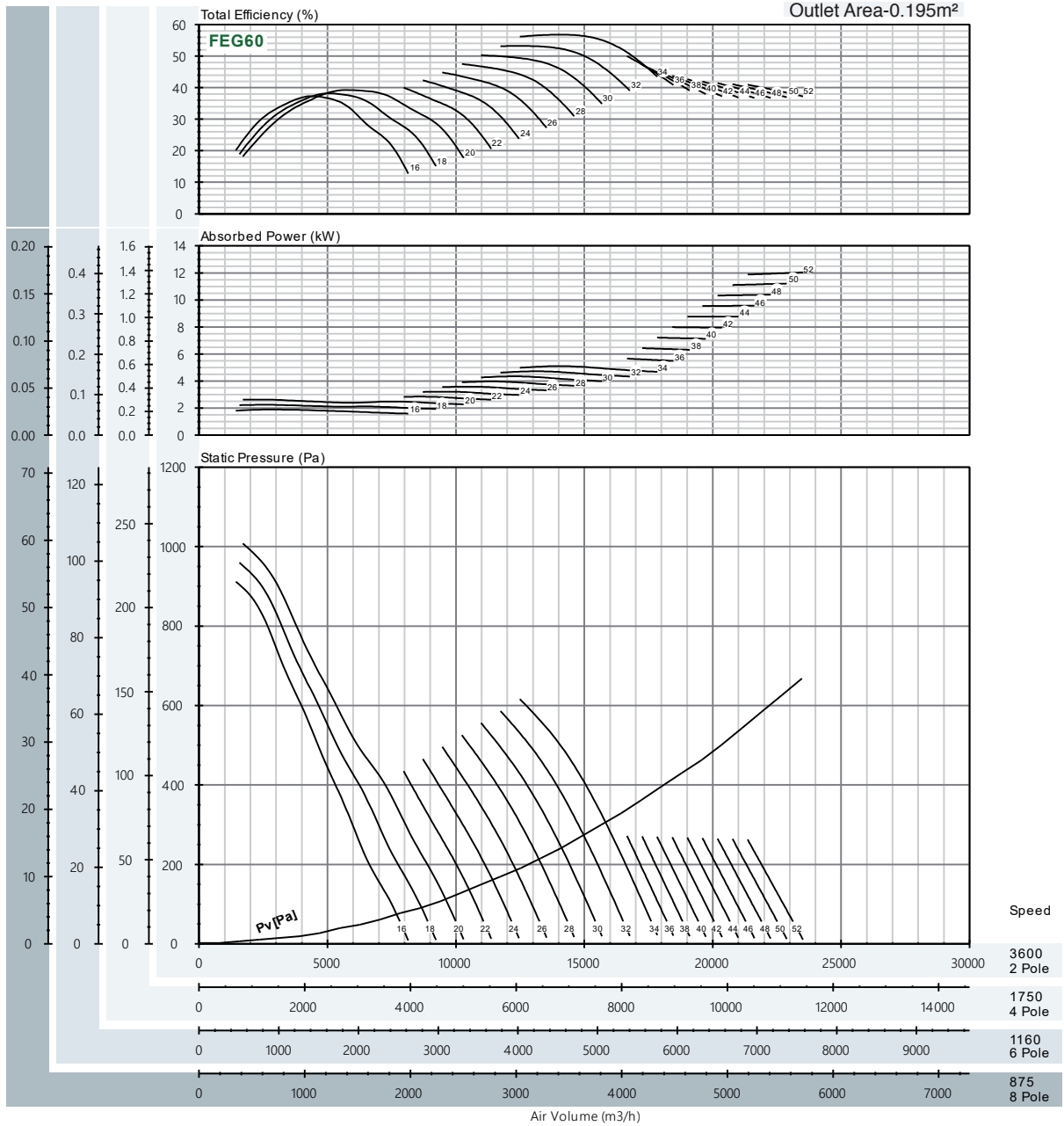
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.032	0.038	0.045	0.047	0.053	0.060	0.066	0.072	0.078	0.084	0.093	0.105	0.117	0.129	0.141	0.153	0.165	0.177	0.190
1160 motor	0.075	0.088	0.105	0.110	0.124	0.139	0.153	0.168	0.182	0.197	0.216	0.244	0.272	0.300	0.329	0.357	0.385	0.413	0.443
1750 motor	0.256	0.302	0.361	0.379	0.427	0.476	0.526	0.575	0.625	0.675	0.740	0.837	0.934	1.031	1.128	1.225	1.322	1.420	1.521
3600 motor	2.229	2.633	3.140	3.300	3.718	4.146	4.577	5.008	5.441	5.875	6.443	7.288	8.133	8.978	9.823	10.668	11.513	12.358	13.238
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21

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

60Hz  
TA-HT-500-150-6-6  
ρ = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

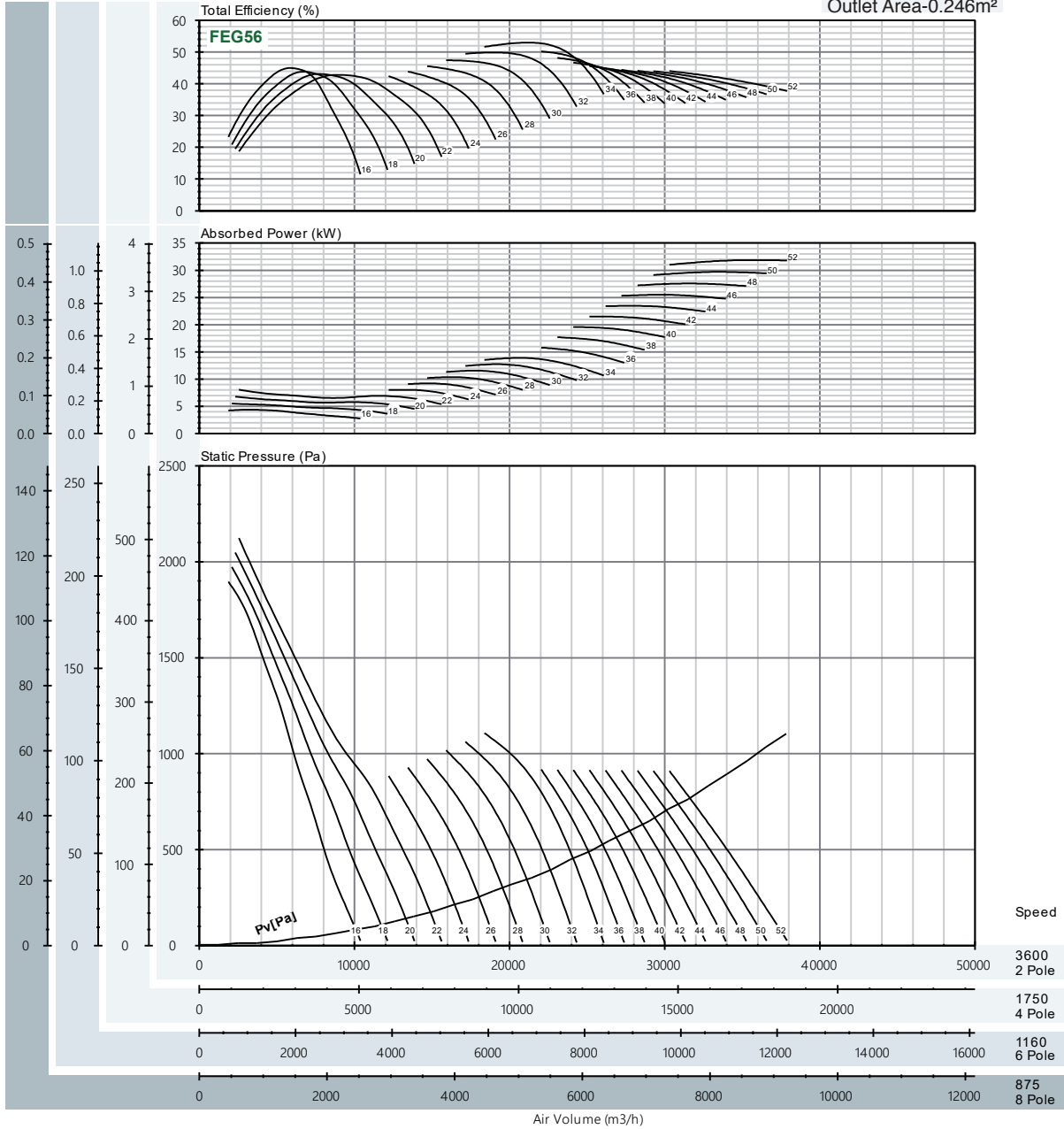
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.027	0.032	0.038	0.041	0.046	0.052	0.057	0.062	0.068	0.073	0.081	0.092	0.104	0.115	0.126	0.138	0.149	0.161	0.173
1160 motor	0.063	0.075	0.088	0.095	0.108	0.120	0.133	0.145	0.158	0.171	0.189	0.215	0.241	0.267	0.293	0.321	0.348	0.375	0.403
1750 motor	0.218	0.258	0.302	0.327	0.370	0.413	0.456	0.499	0.543	0.586	0.650	0.739	0.829	0.918	1.007	1.101	1.194	1.288	1.382
3600 motor	1.894	2.246	2.632	2.843	3.217	3.593	3.969	4.347	4.725	5.102	5.659	6.437	7.215	7.992	8.770	9.581	10.398	11.215	12.033

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

60Hz  
TA-HT-560-240-12-12  
ρ = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.246m<sup>2</sup>



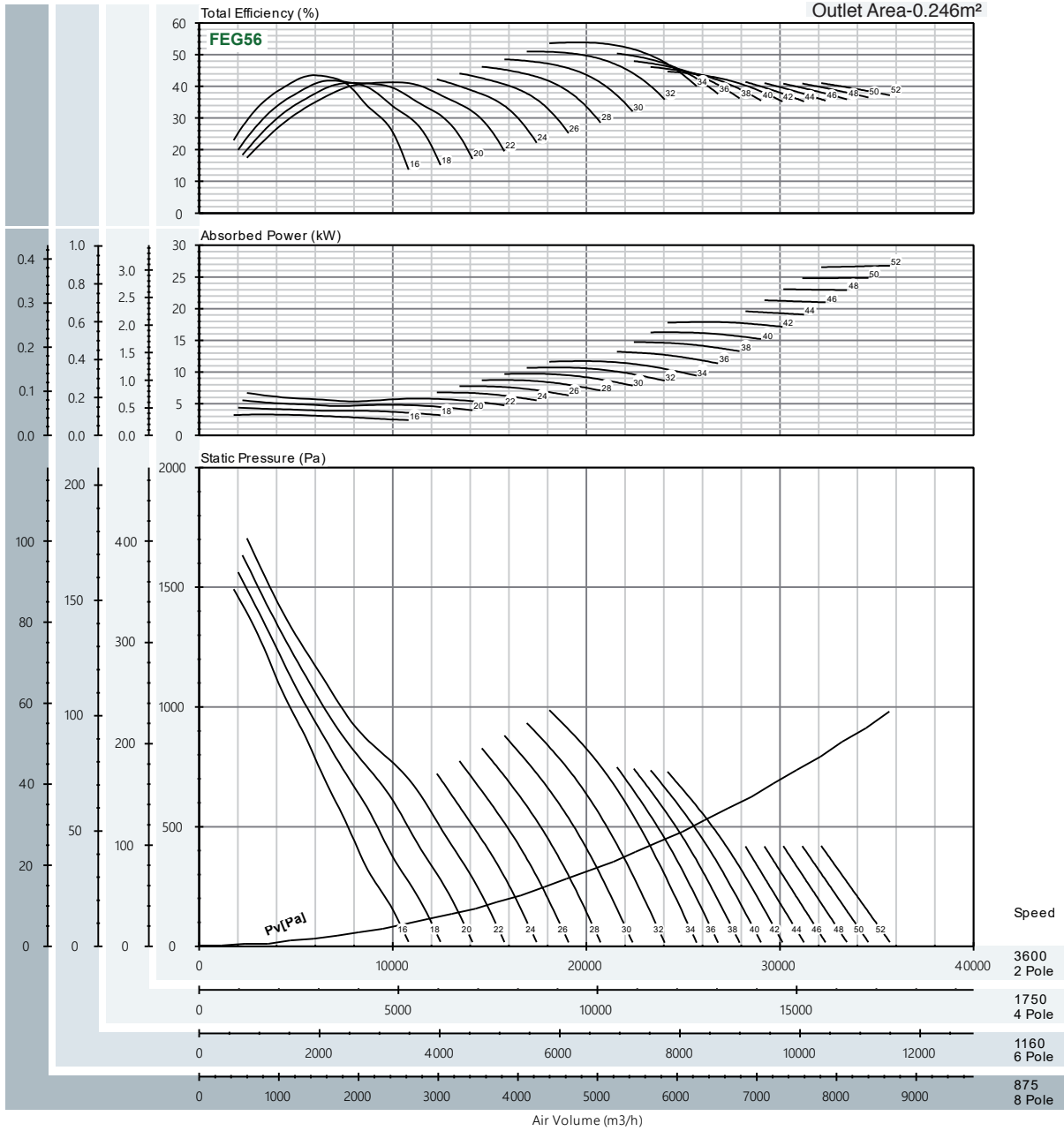
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.063	0.079	0.097	0.116	0.115	0.132	0.149	0.166	0.183	0.200	0.227	0.254	0.282	0.309	0.337	0.366	0.396	0.426	0.458
1160 motor	0.147	0.184	0.227	0.269	0.269	0.308	0.347	0.387	0.426	0.465	0.528	0.592	0.656	0.720	0.785	0.853	0.923	0.994	1.066
1750 motor	0.504	0.632	0.778	0.925	0.924	1.058	1.192	1.327	1.462	1.597	1.814	2.033	2.252	2.471	2.697	2.930	3.168	3.412	3.661
3600 motor	4.386	5.503	6.777	8.050	8.041	9.209	10.380	11.555	12.730	13.905	15.794	17.699	19.605	21.510	23.475	25.506	27.583	29.701	31.873

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

**60Hz**  
**TA-HT-560-240-12-9**  
 ρ = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



Peak Absorbed Power (Kw)

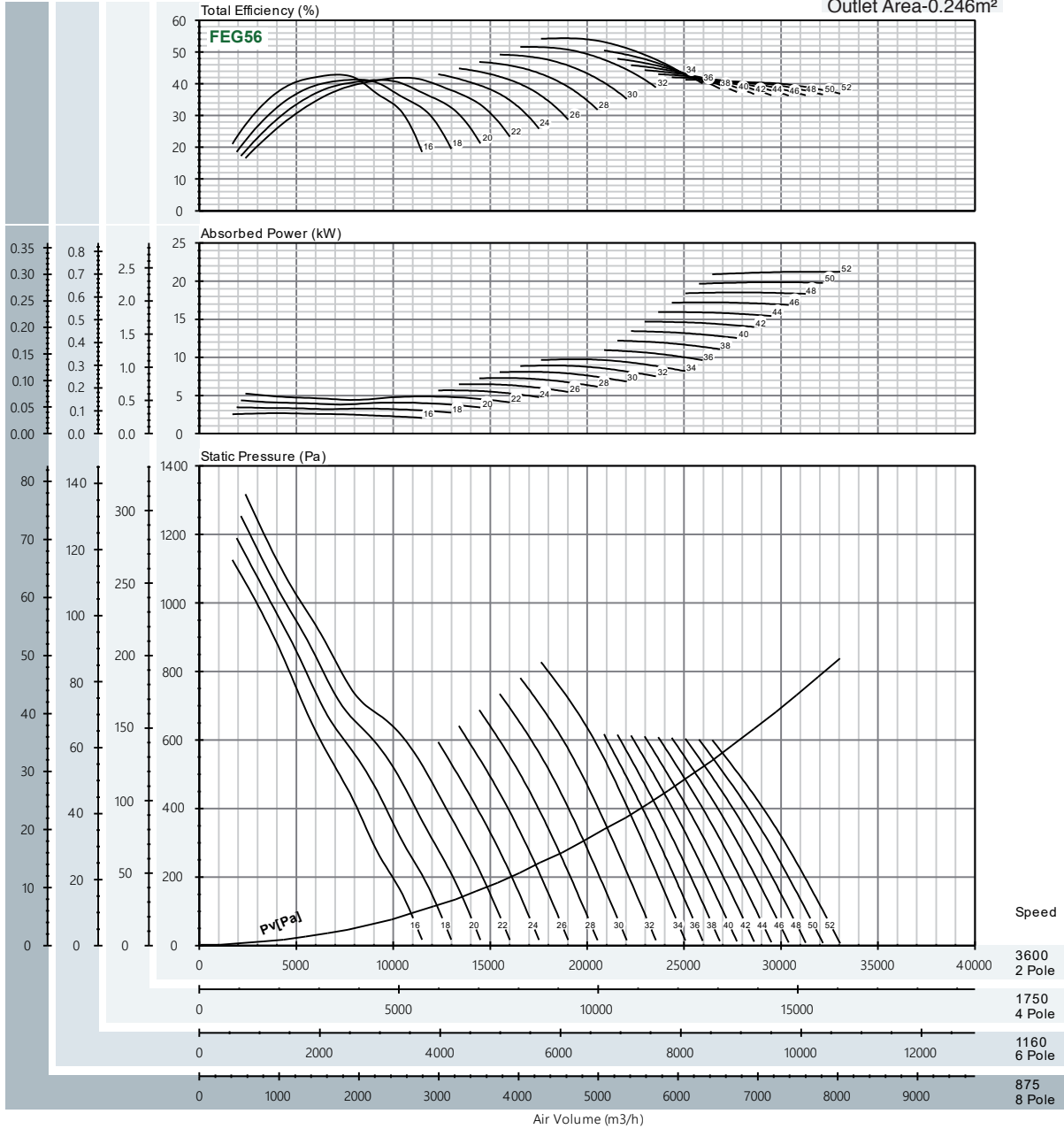
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.047	0.063	0.079	0.096	0.097	0.111	0.126	0.140	0.154	0.168	0.190	0.212	0.234	0.257	0.281	0.306	0.331	0.357	0.385
1160 motor	0.111	0.146	0.185	0.224	0.227	0.259	0.292	0.326	0.359	0.392	0.442	0.493	0.544	0.599	0.655	0.714	0.772	0.832	0.896
1750 motor	0.380	0.502	0.636	0.770	0.778	0.891	1.004	1.118	1.232	1.346	1.517	1.692	1.869	2.057	2.250	2.450	2.650	2.856	3.078
3600 motor	3.307	4.369	5.536	6.703	6.771	7.753	8.743	9.733	10.726	11.719	13.203	14.732	16.271	17.905	19.589	21.328	23.068	24.863	26.793

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

60Hz  
TA-HT-560-240-12-6  
ρ = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.246m<sup>2</sup>



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.038	0.049	0.062	0.075	0.081	0.093	0.105	0.116	0.128	0.140	0.157	0.175	0.193	0.211	0.229	0.247	0.266	0.285	0.305
1160 motor	0.089	0.115	0.145	0.176	0.190	0.217	0.244	0.271	0.299	0.326	0.367	0.408	0.450	0.492	0.533	0.576	0.620	0.665	0.711
1750 motor	0.306	0.395	0.499	0.603	0.651	0.744	0.838	0.932	1.026	1.120	1.260	1.402	1.545	1.688	1.831	1.978	2.128	2.282	2.440
3600 motor	2.664	3.438	4.343	5.248	5.666	6.479	7.295	8.112	8.930	9.748	10.965	12.208	13.450	14.693	15.937	17.217	18.526	19.863	21.243
	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).

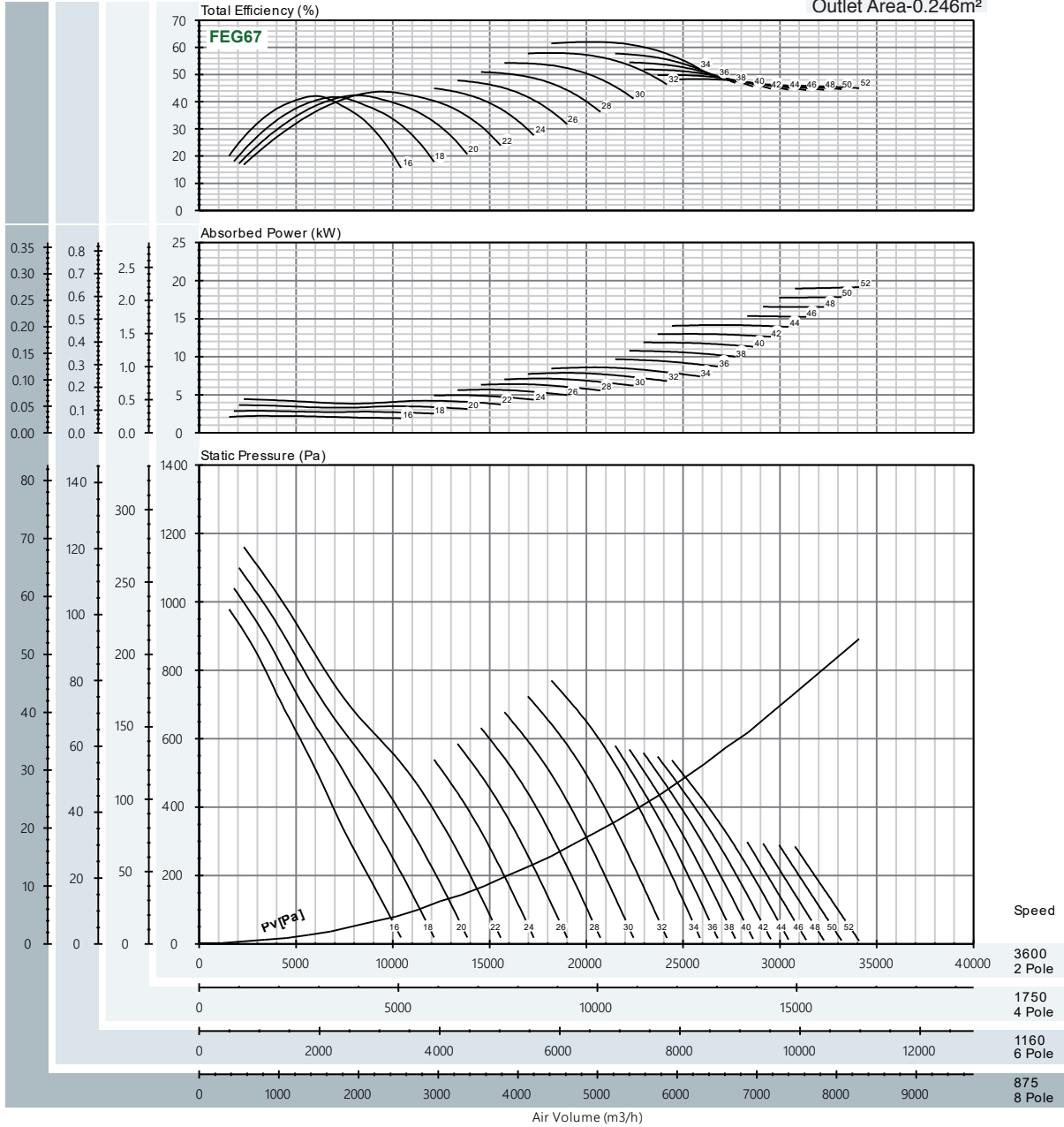
**60Hz**

**TA-HT-560-150-6-6**

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

**AXIAL FLOW FAN**

Outlet Area-0.246m<sup>2</sup>



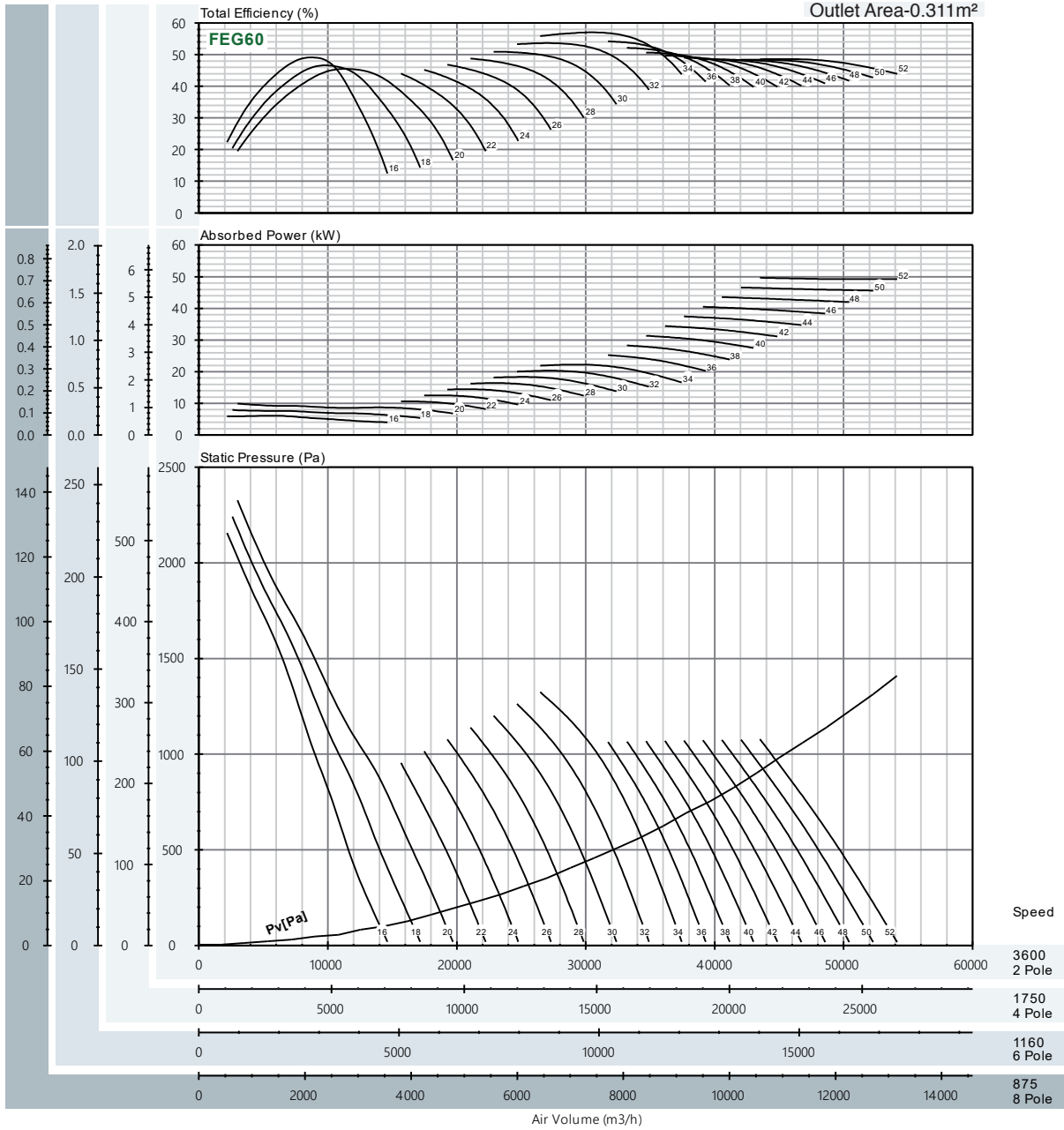
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.032	0.042	0.052	0.064	0.071	0.081	0.092	0.102	0.113	0.124	0.139	0.155	0.171	0.187	0.203	0.221	0.238	0.256	0.275
1160 motor	0.074	0.097	0.122	0.148	0.165	0.190	0.214	0.239	0.263	0.288	0.324	0.361	0.397	0.435	0.474	0.514	0.554	0.597	0.641
1750 motor	0.255	0.332	0.419	0.509	0.567	0.651	0.736	0.820	0.904	0.988	1.113	1.239	1.364	1.494	1.628	1.765	1.903	2.049	2.199
3600 motor	2.220	2.893	3.650	4.429	4.937	5.670	6.403	7.137	7.871	8.605	9.692	10.785	11.878	13.005	14.172	15.366	16.564	17.841	19.145
	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).

**60Hz**  
**TA-HT-630-240-12-12**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

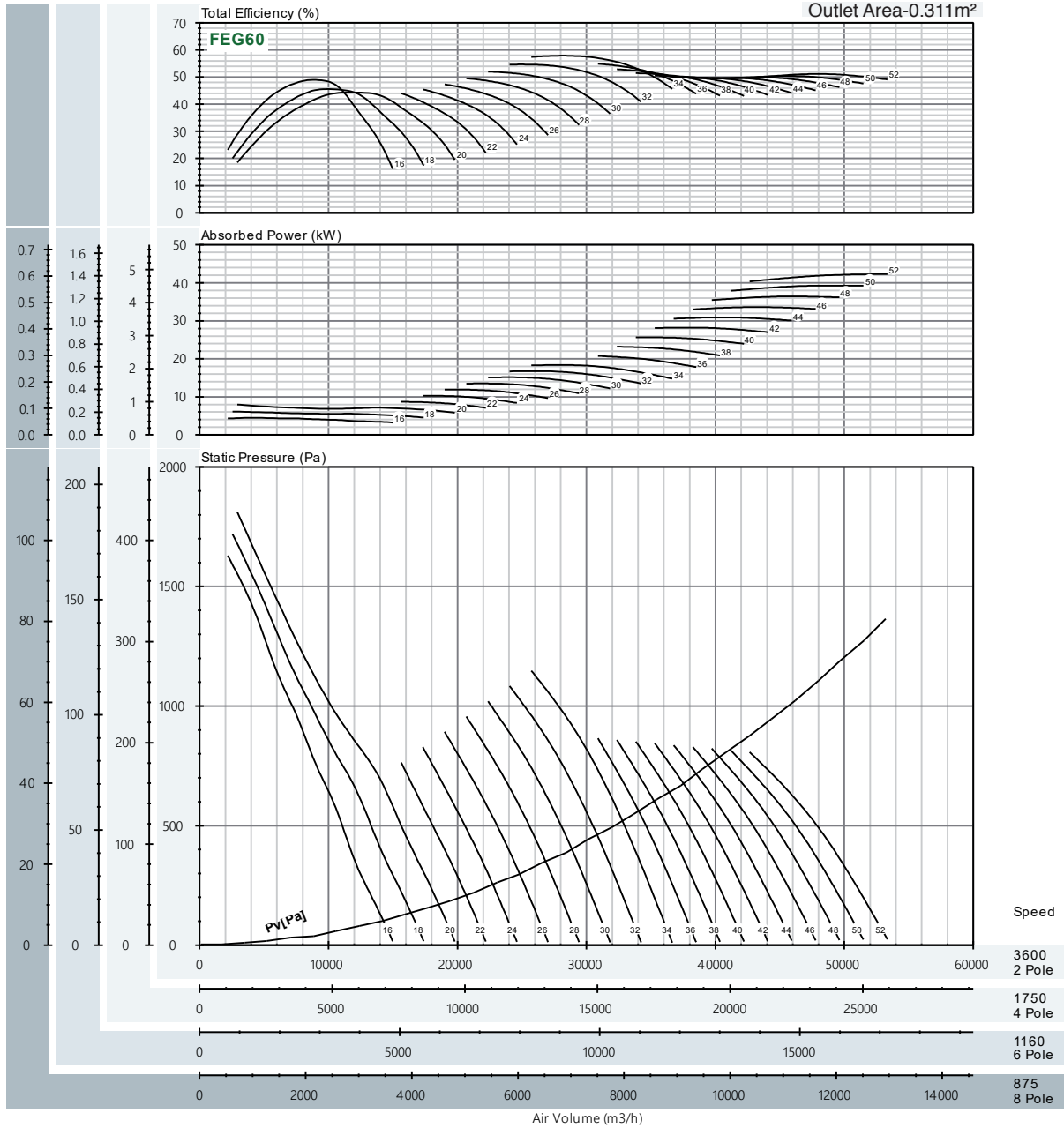
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.087	0.113	0.142	0.152	0.180	0.208	0.236	0.264	0.292	0.320	0.363	0.406	0.450	0.494	0.538	0.582	0.626	0.670	0.714
	0.09	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5					
1160 motor	0.204	0.264	0.331	0.355	0.419	0.484	0.549	0.614	0.680	0.745	0.845	0.947	1.049	1.151	1.254	1.356	1.458	1.560	1.663
	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	55
1750 motor	0.699	0.907	1.137	1.219	1.438	1.661	1.884	2.109	2.333	2.558	2.901	3.252	3.602	3.953	4.304	4.655	5.006	5.357	5.708
	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	55			
3600 motor	6.086	7.895	9.897	10.616	12.521	14.457	16.404	18.357	20.311	22.265	25.251	28.306	31.361	34.417	37.472	40.527	43.582	46.637	49.693
	7.5	11	15	18.5	22	30	37	45	55										

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



**60Hz**  
**TA-HT-630-240-12-9**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**



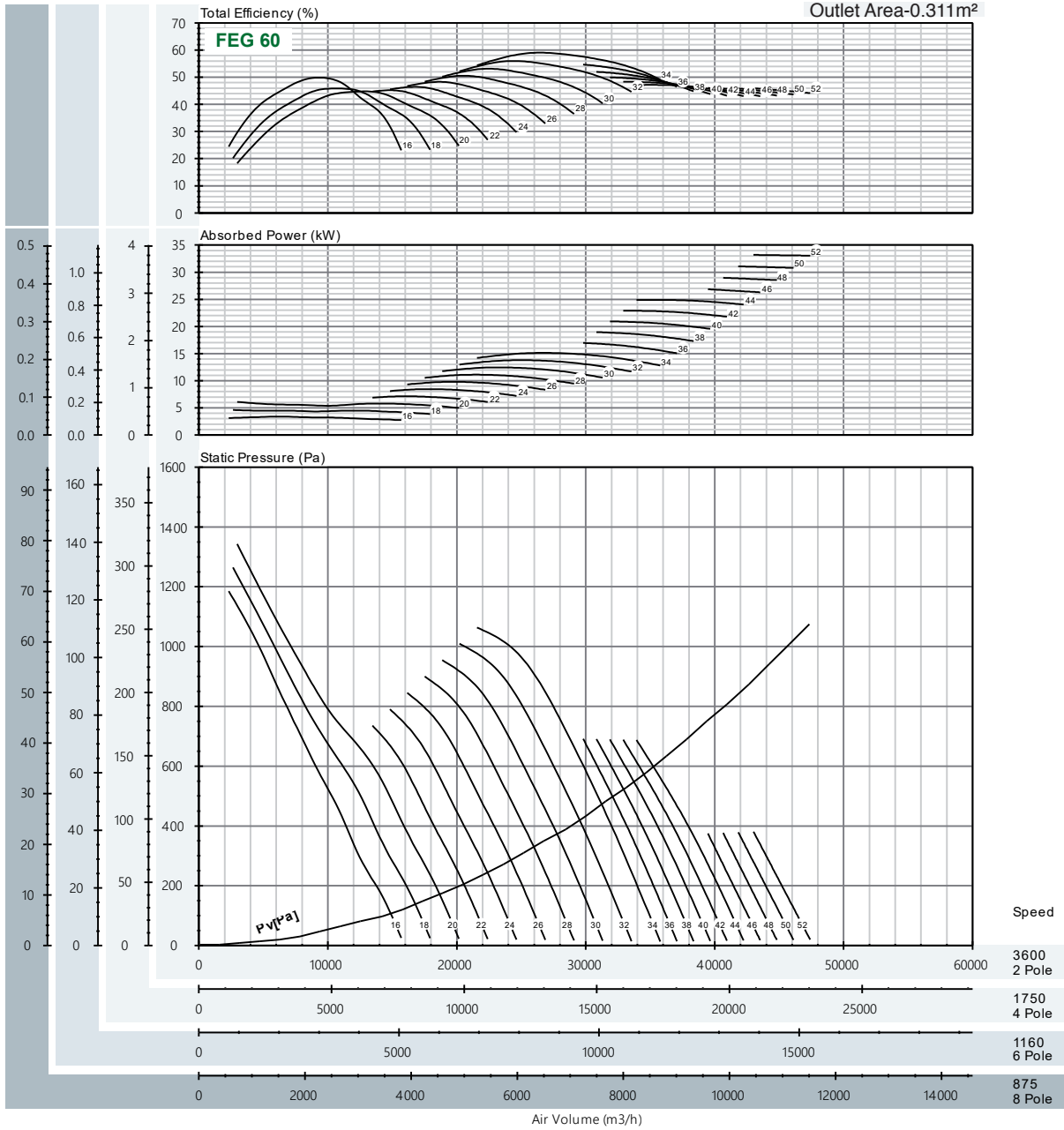
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.064	0.088	0.114	0.125	0.148	0.171	0.194	0.217	0.241	0.264	0.298	0.333	0.368	0.405	0.444	0.483	0.523	0.564	0.608
	0.09	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15
1160 motor	0.150	0.205	0.266	0.291	0.344	0.398	0.452	0.506	0.561	0.615	0.694	0.776	0.858	0.944	1.034	1.125	1.219	1.315	1.416
	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	22	30	37	45	55
1750 motor	0.514	0.703	0.915	0.999	1.183	1.366	1.552	1.738	1.925	2.112	2.384	2.665	2.947	3.242	3.549	3.863	4.185	4.515	4.861
	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	22	30	37	45	55	75	110	150
3600 motor	4.479	6.117	7.962	8.700	10.295	11.891	13.507	15.130	16.756	18.386	20.750	23.203	25.656	28.224	30.895	33.633	36.428	39.302	42.317
	5.5	7.5	11	15	22	30	37	45	55	75	110	150	200	250	300	350	400	450	500

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

**60Hz**  
**TA-HT-630-240-12-6**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



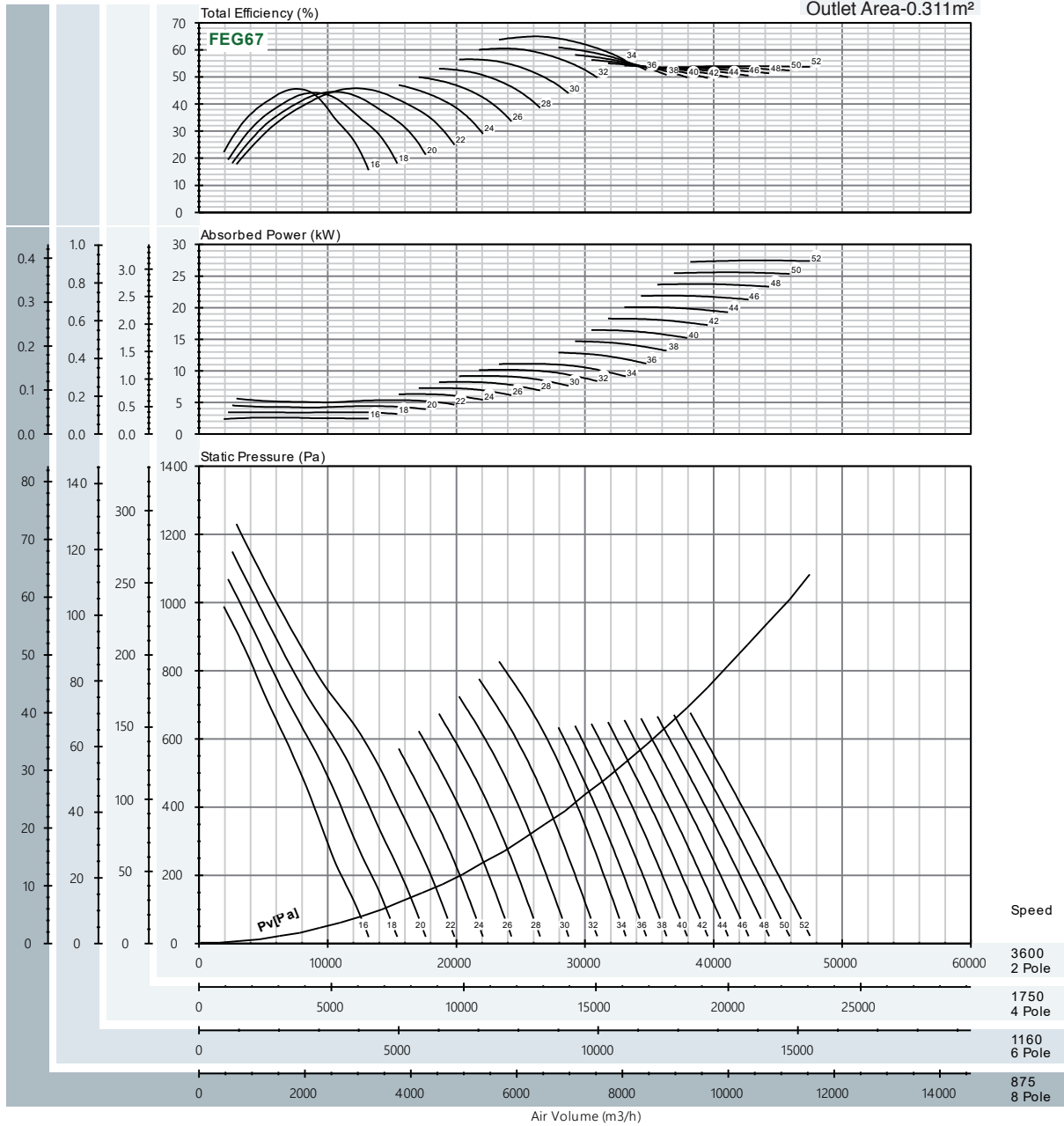
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.049	0.066	0.087	0.102	0.121	0.141	0.160	0.179	0.198	0.217	0.244	0.272	0.301	0.329	0.358	0.386	0.416	0.446	0.477
1160 motor	0.113	0.154	0.204	0.239	0.283	0.328	0.372	0.417	0.462	0.506	0.568	0.634	0.701	0.767	0.833	0.899	0.970	1.040	1.111
1750 motor	0.389	0.529	0.700	0.819	0.972	1.125	1.278	1.432	1.585	1.739	1.951	2.179	2.406	2.633	2.861	3.087	3.329	3.572	3.814
3600 motor	3.383	4.606	6.091	7.131	8.461	9.793	11.128	12.464	13.800	15.137	16.984	18.965	20.945	22.925	24.908	26.871	28.982	31.094	33.206

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

**60Hz**  
**TA-HT-630-150-6-6**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

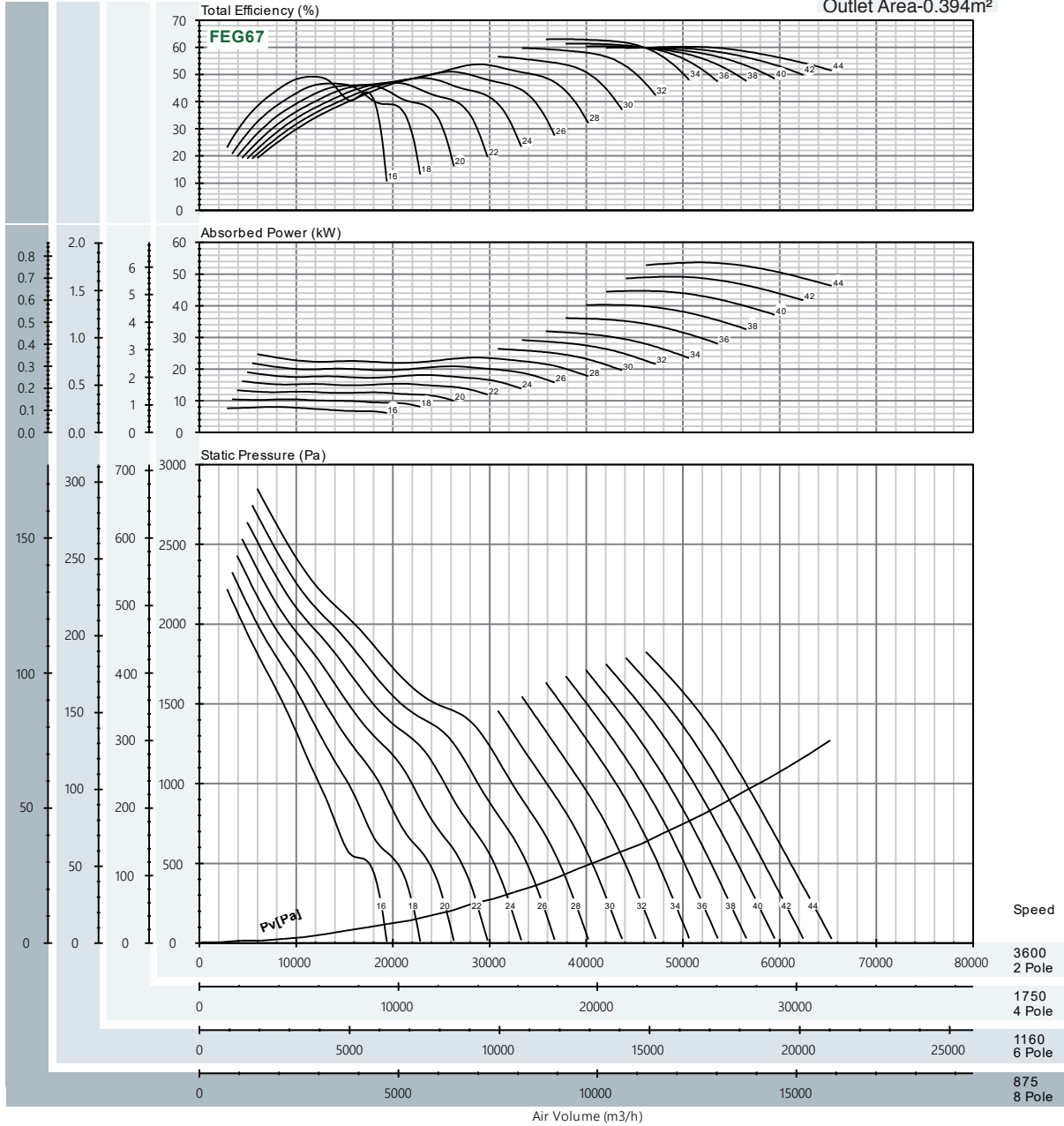
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.037	0.050	0.065	0.080	0.091	0.105	0.118	0.132	0.146	0.160	0.185	0.211	0.237	0.262	0.288	0.314	0.341	0.368	0.395
1160 motor	0.087	0.116	0.151	0.187	0.212	0.244	0.276	0.308	0.340	0.372	0.431	0.491	0.551	0.611	0.672	0.733	0.794	0.857	0.920
1750 motor	0.299	0.397	0.520	0.643	0.727	0.837	0.947	1.058	1.168	1.278	1.481	1.687	1.893	2.099	2.306	2.516	2.728	2.941	3.158
3600 motor	2.604	3.453	4.524	5.595	6.328	7.289	8.248	9.208	10.168	11.127	12.895	14.689	16.483	18.277	20.078	21.902	23.745	25.606	27.490

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

**60Hz**  
**TA-HT-710-240-12-12**  
 p = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.394m<sup>2</sup>



Peak Absorbed Power (Kw)

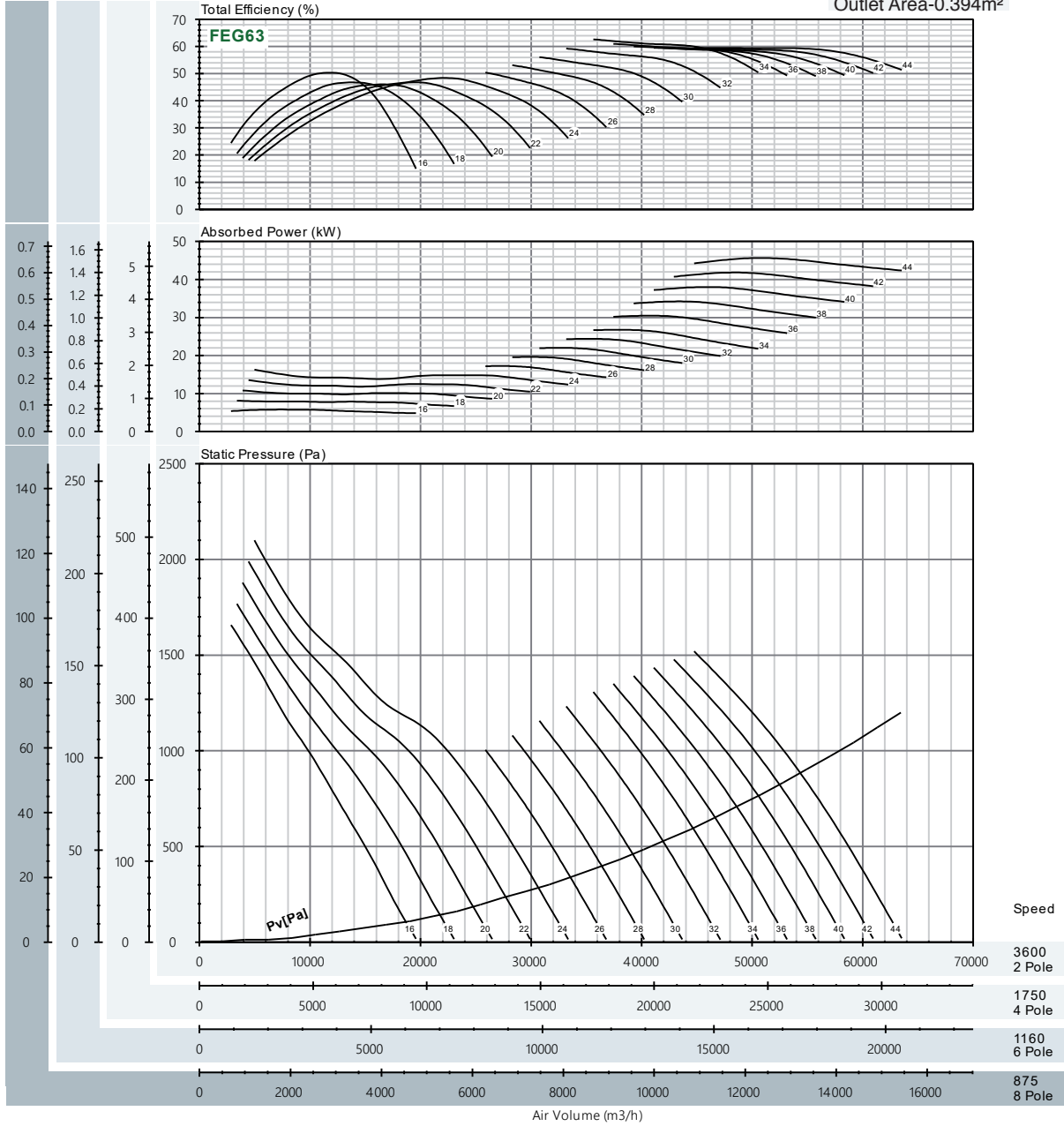
N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
875 motor	0.116	0.150	0.191	0.232	0.273	0.314	0.355	0.379	0.419	0.458	0.518	0.579	0.642	0.706	0.771
1160 motor	0.270	0.350	0.446	0.541	0.636	0.732	0.827	0.883	0.976	1.068	1.208	1.349	1.496	1.645	1.796
1750 motor	0.926	1.203	1.530	1.857	2.185	2.513	2.840	3.033	3.350	3.666	4.147	4.631	5.136	5.649	6.166
3600 motor	8.061	10.472	13.318	16.170	19.021	21.873	24.725	26.405	29.162	31.918	36.103	40.316	44.710	49.176	53.677
	11	15	18.5	22		30		37		45		55			

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

**60Hz**  
**TA-HT-710-240-12-9**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.394m<sup>2</sup>



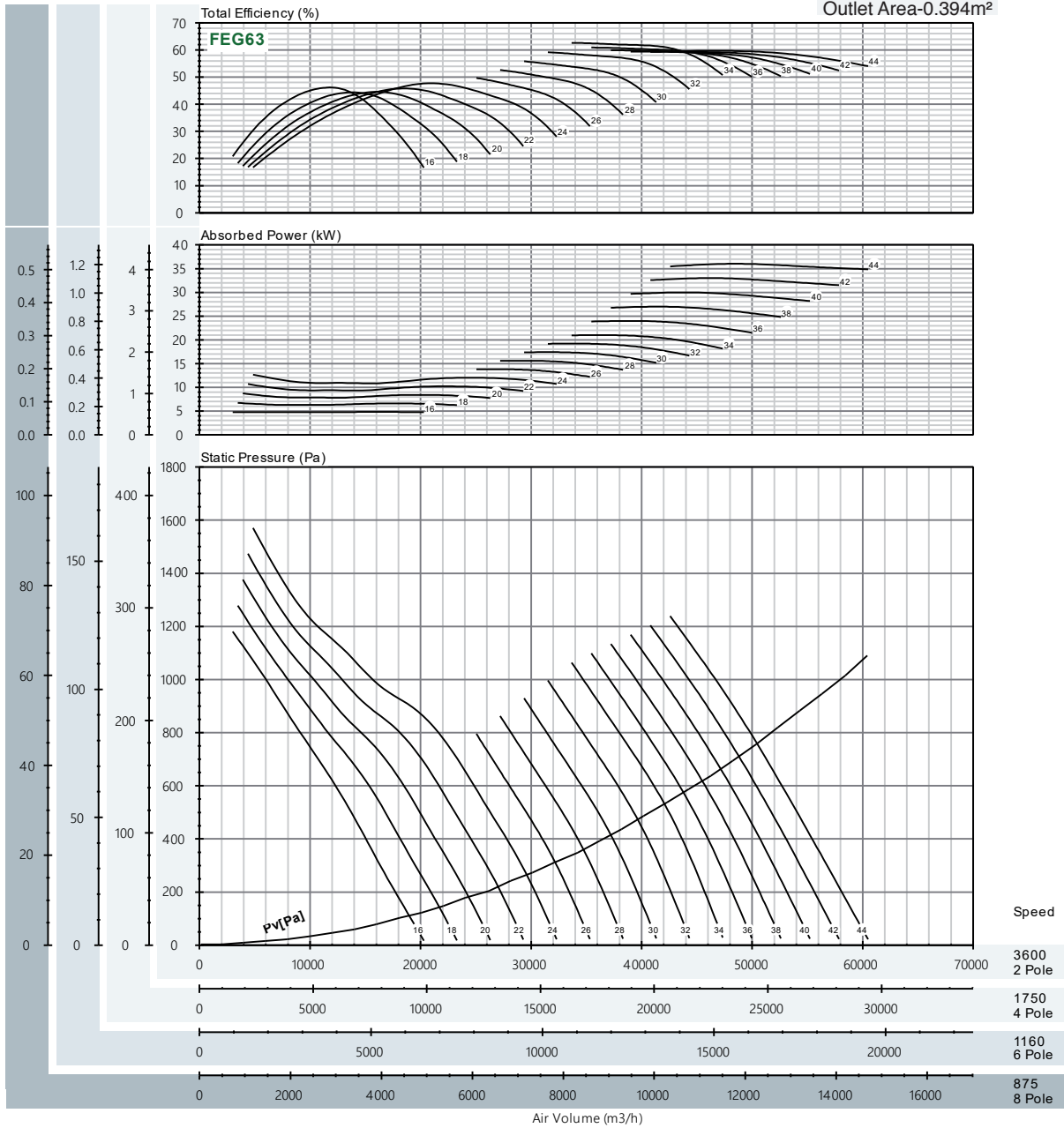
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
875 motor	0.083	0.116	0.155	0.194	0.234	0.247	0.282	0.316	0.350	0.385	0.438	0.492	0.546	0.601	0.656
	0.09	0.12	0.18		0.25			0.37				0.55			0.75
1160 motor	0.193	0.271	0.362	0.453	0.544	0.576	0.656	0.736	0.816	0.896	1.020	1.146	1.273	1.400	1.528
	0.25		0.37		0.55		0.75			1.1			1.5		2.2
1750 motor	0.664	0.930	1.243	1.556	1.868	1.979	2.254	2.529	2.803	3.078	3.504	3.934	4.369	4.807	5.247
	0.75	1.1	1.5		2.2			3			4			5.5	
3600 motor	5.777	8.100	10.822	13.544	16.266	17.232	19.623	22.013	24.404	26.795	30.501	34.251	38.037	41.849	45.675
	7.5	11	15		18.5		22		30		37		45		55

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

60Hz  
TA-HT-710-240-12-6  
p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

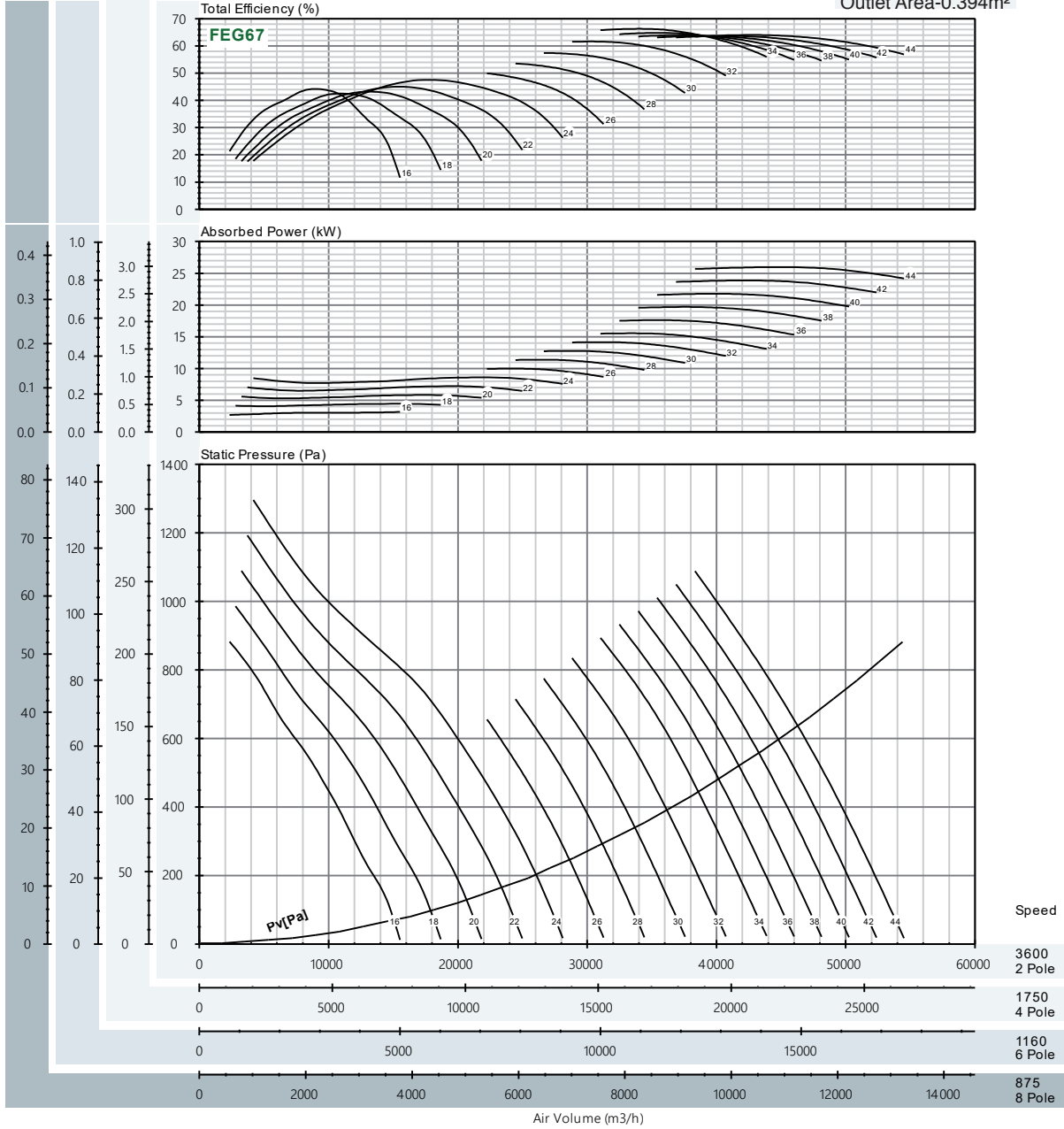
N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
875 motor	0.069	0.097	0.125	0.154	0.182	0.198	0.224	0.250	0.276	0.302	0.345	0.388	0.431	0.474	0.517
1160 motor	0.161	0.226	0.292	0.358	0.424	0.462	0.522	0.582	0.643	0.703	0.803	0.903	1.004	1.105	1.205
1750 motor	0.552	0.775	1.002	1.229	1.456	1.586	1.793	2.000	2.207	2.414	2.757	3.101	3.447	3.793	4.139
3600 motor	4.801	6.746	8.724	10.701	12.679	13.808	15.609	17.410	19.211	21.013	24.000	26.998	30.004	33.016	36.031

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

**60Hz**  
**TA-HT-710-150-6-6**  
 ρ = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.394m<sup>2</sup>



Peak Absorbed Power (Kw)

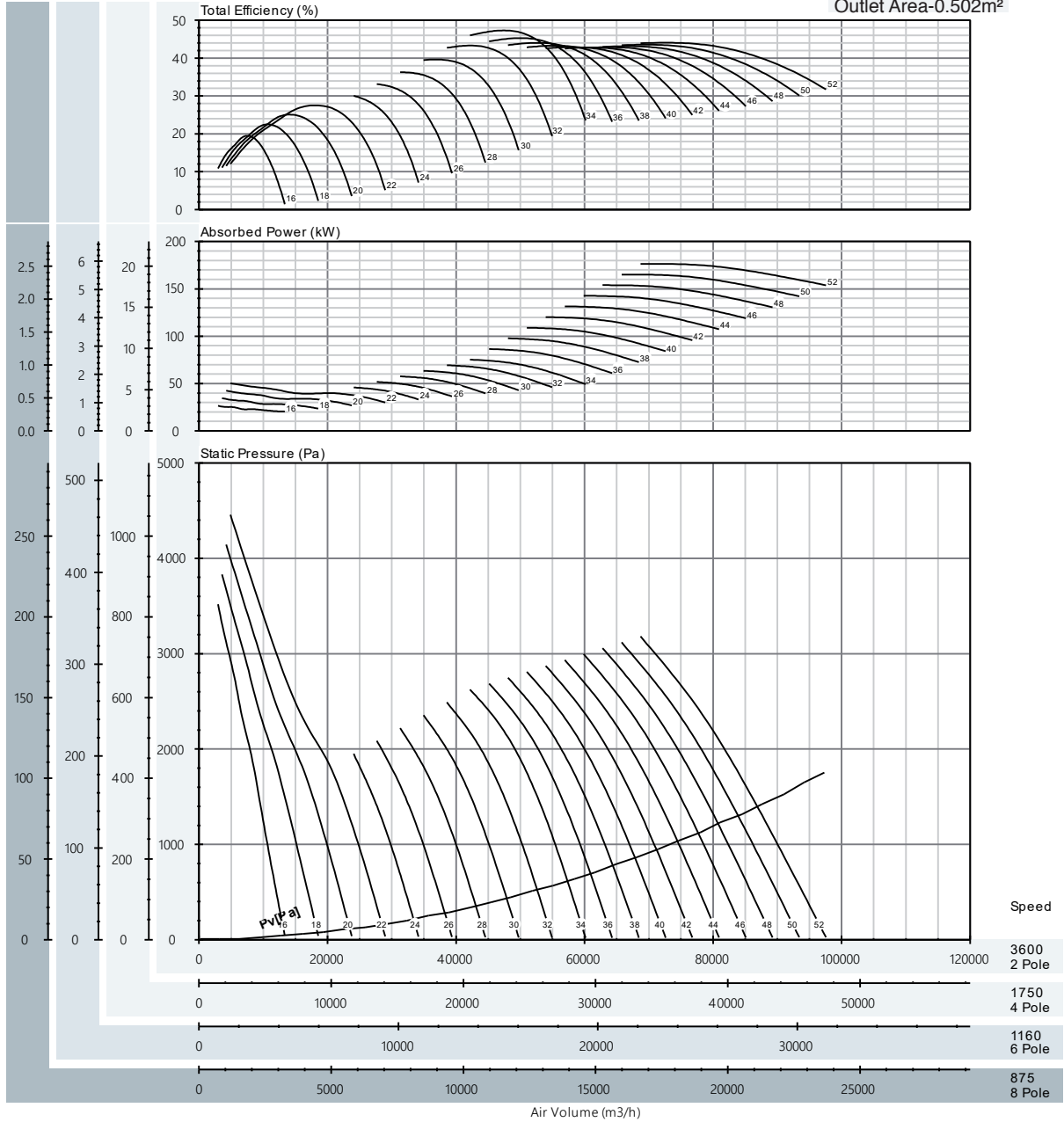
N(rpm)	Blade Pitch Angle [°]														
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°
875 motor	0.046	0.064	0.084	0.104	0.124	0.144	0.163	0.183	0.203	0.223	0.253	0.283	0.313	0.343	0.373
1160 motor	0.106	0.149	0.195	0.242	0.288	0.334	0.381	0.427	0.474	0.520	0.590	0.659	0.729	0.799	0.869
1750 motor	0.365	0.511	0.670	0.829	0.989	1.148	1.308	1.467	1.627	1.787	2.024	2.262	2.501	2.742	2.984
3600 motor	3.175	4.449	5.832	7.219	8.610	9.996	11.386	12.775	14.165	15.555	17.621	19.694	21.776	23.870	25.980
	4	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).

**60Hz**  
**TA-HT-800-406-12-12**  
 ρ = 1.2kg/m<sup>3</sup>

**AXIAL FLOW FAN**

Outlet Area-0.502m<sup>2</sup>



Peak Absorbed Power (Kw)

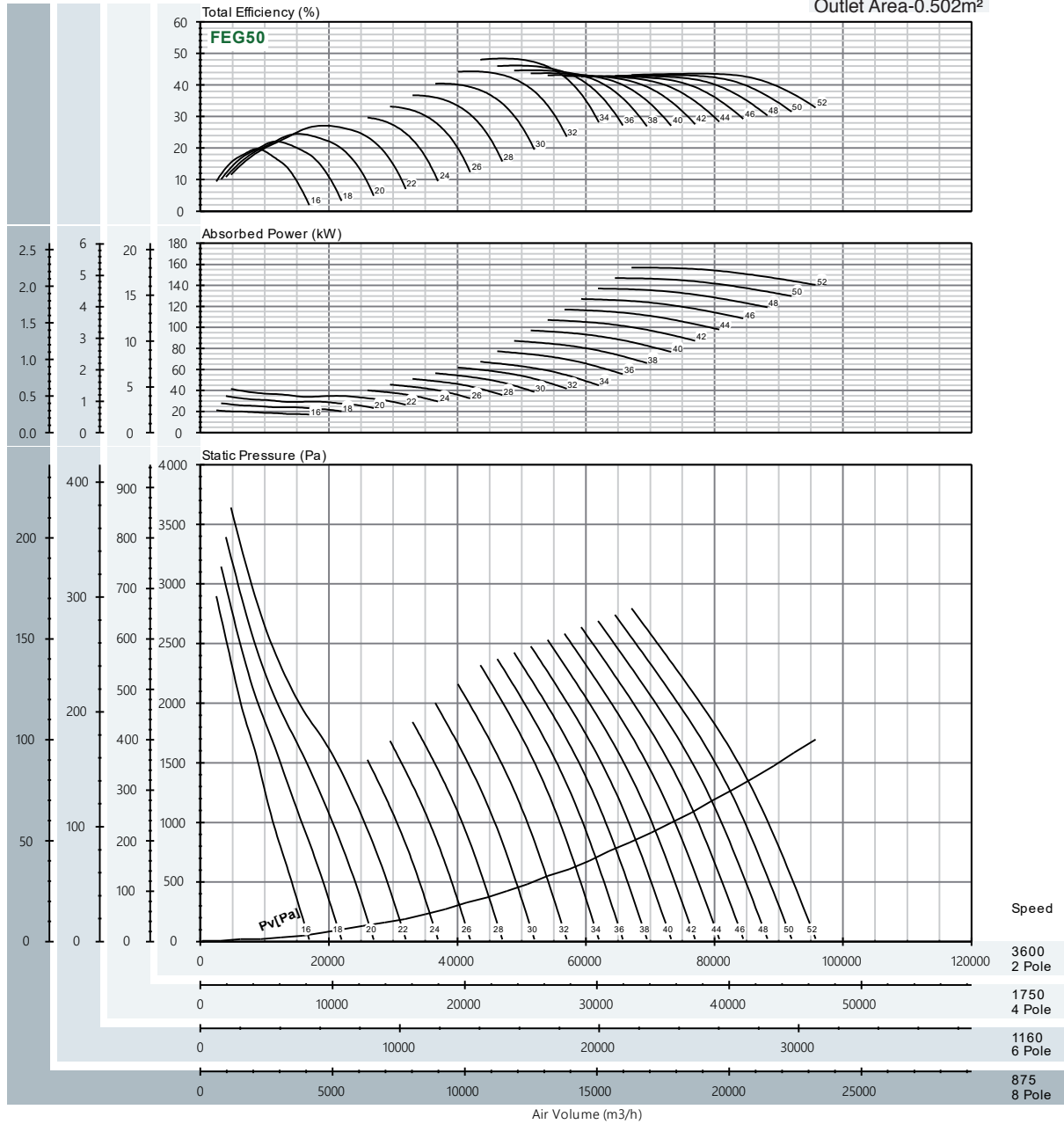
N(rpm)	Blade Pitch Angle [°]																				
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°		
875 motor	0.382	0.495	0.608	0.721	0.658	0.742	0.827	0.912	0.997	1.081	1.243	1.404	1.565	1.727	1.888	2.050	2.211	2.372	2.534		
	0.55		0.75			1.1			1.5			2.2			3						
1160 motor	0.890	1.153	1.417	1.680	1.533	1.730	1.927	2.125	2.322	2.520	2.896	3.272	3.648	4.024	4.399	4.775	5.151	5.527	5.904		
	1.1		1.5		2.2			3			4		5.5			7.5					
1750 motor	3.056	3.960	4.865	5.769	5.262	5.940	6.618	7.296	7.973	8.651	9.942	11.233	12.524	13.815	15.106	16.397	17.688	18.978	20.272		
	4		5.5		7.5		7.5		11			15		18.5			22				
3600 motor	26.600	34.474	42.348	50.222	45.809	51.710	57.611	63.511	69.412	75.313	86.551	97.789	109.02	120.26	131.503	142.741	153.97	165.217	176.47		
	30		37		45		55			75		90		110		132		160		185	

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



**60Hz**  
**TA-HT-800-406-12-9**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

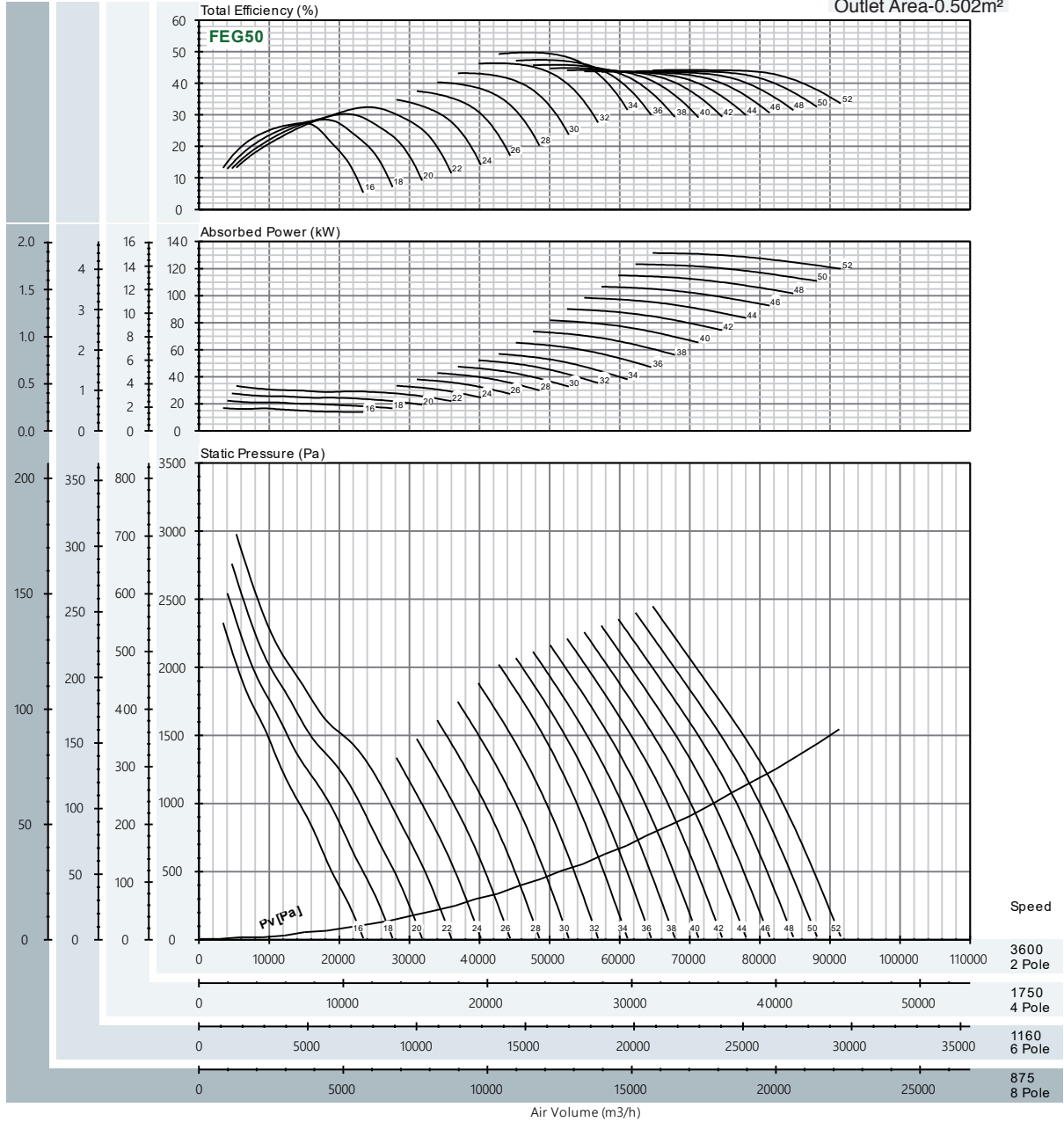
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.304	0.402	0.499	0.597	0.577	0.655	0.733	0.811	0.889	0.968	1.110	1.253	1.396	1.539	1.682	1.825	1.968	2.110	2.253
1160 motor	0.708	0.936	1.163	1.390	1.345	1.527	1.709	1.890	2.072	2.254	2.587	2.920	3.253	3.586	3.919	4.252	4.584	4.917	5.250
1750 motor	2.432	3.212	3.993	4.773	4.617	5.242	5.866	6.491	7.115	7.740	8.883	10.026	11.169	12.312	13.455	14.598	15.741	16.884	18.027
3600 motor	21.172	27.966	34.760	41.555	40.195	45.632	51.069	56.506	61.943	67.381	77.331	87.281	97.231	107.181	117.131	127.081	137.031	146.981	156.931

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

60Hz  
TA-HT-800-406-12-6  
ρ = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-0.502m<sup>2</sup>



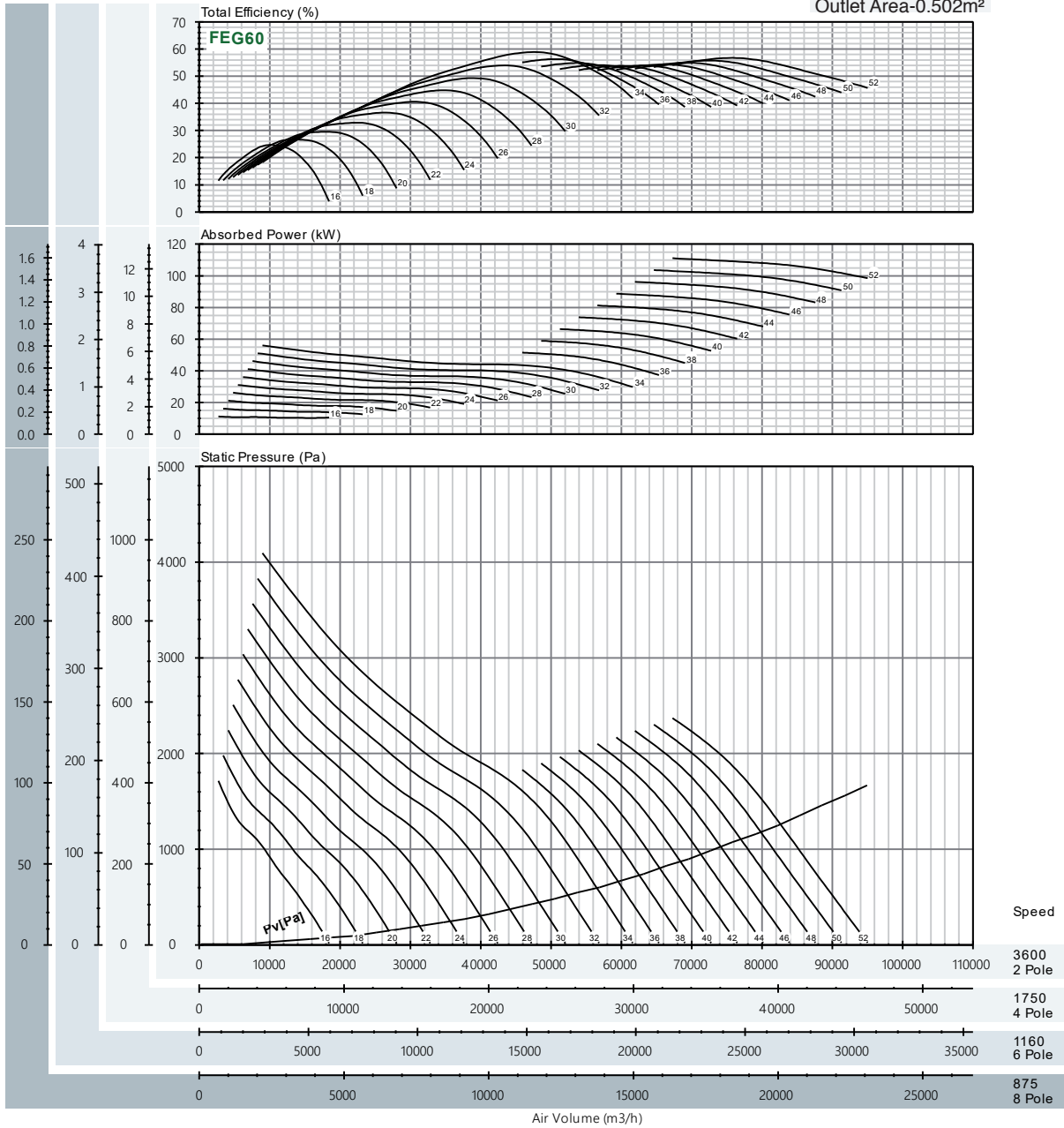
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.242	0.320	0.399	0.477	0.479	0.547	0.614	0.682	0.750	0.818	0.937	1.056	1.175	1.294	1.413	1.532	1.651	1.770	1.889
1160 motor	0.563	0.746	0.929	1.111	1.116	1.274	1.432	1.589	1.747	1.905	2.182	2.460	2.737	3.015	3.292	3.570	3.847	4.125	4.402
1750 motor	1.934	2.561	3.188	3.815	3.832	4.374	4.915	5.457	5.999	6.540	7.493	8.446	9.399	10.352	11.304	12.257	13.210	14.163	15.116
3600 motor	16.837	22.296	27.755	33.214	33.361	38.076	42.791	47.507	52.222	56.937	65.232	73.527	81.821	90.116	98.411	106.70	115.001	123.29	131.590

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

**60Hz**  
**TA-HT-800-297-6-6**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN



Peak Absorbed Power (Kw)

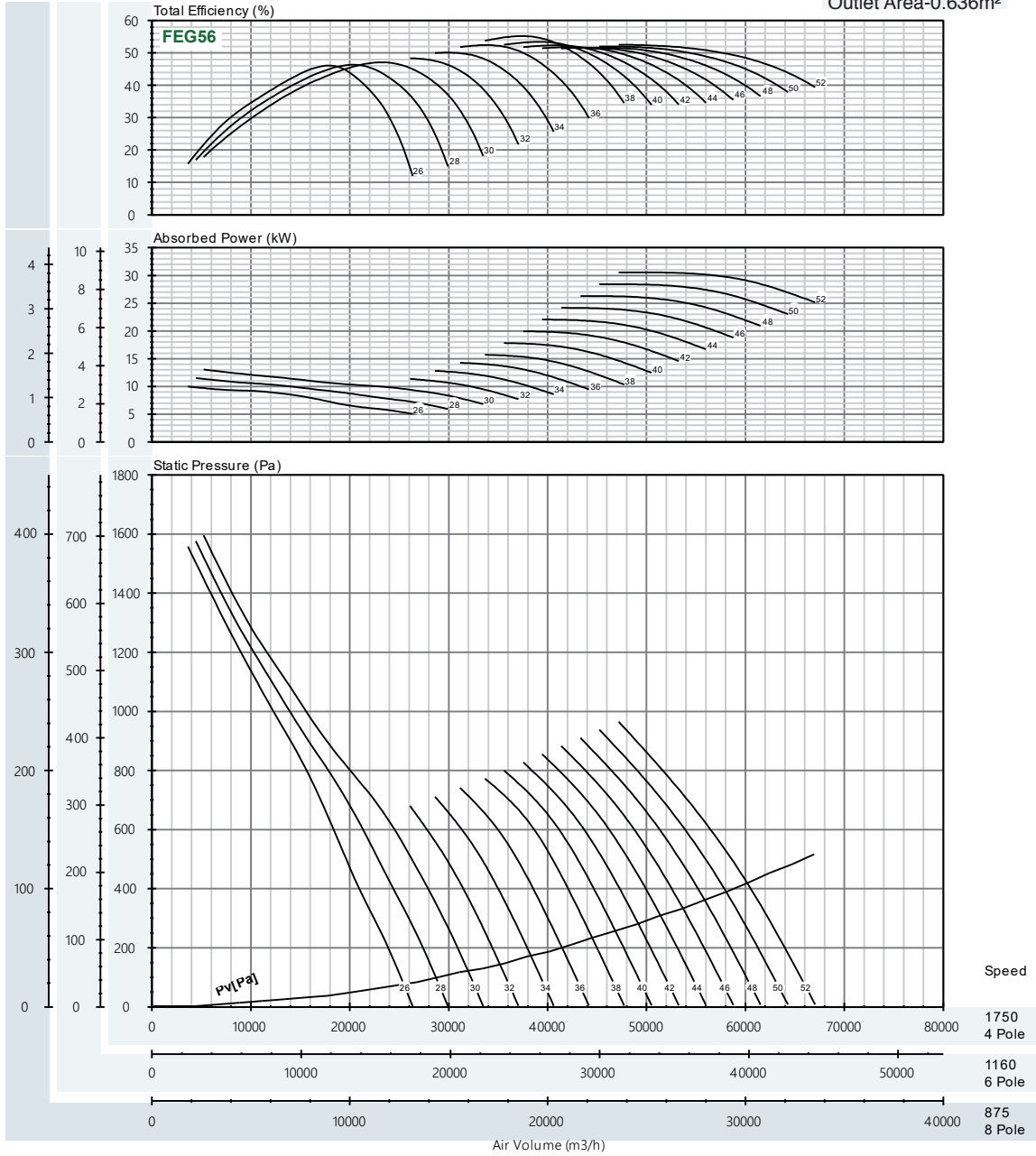
N(rpm)	Blade Pitch Angle [°]																		
	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.160	0.232	0.304	0.375	0.447	0.519	0.591	0.662	0.734	0.806	0.739	0.846	0.953	1.060	1.167	1.274	1.381	1.488	1.595
1160 motor	0.373	0.541	0.708	0.875	1.042	1.209	1.376	1.543	1.710	1.877	1.722	1.972	2.221	2.470	2.720	2.969	3.218	3.468	3.717
1750 motor	1.282	1.856	2.430	3.003	3.577	4.151	4.725	5.299	5.873	6.446	5.913	6.770	7.626	8.482	9.338	10.194	11.050	11.906	12.763
3600 motor	11.160	16.156	21.151	26.146	31.142	36.137	41.133	46.128	51.124	56.119	51.479	58.932	66.385	73.838	81.291	88.744	96.198	103.651	111.104

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

AXIAL FLOW FAN

60Hz  
TA-HT-900-406-12-12  
p = 1.2kg/m<sup>3</sup>

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

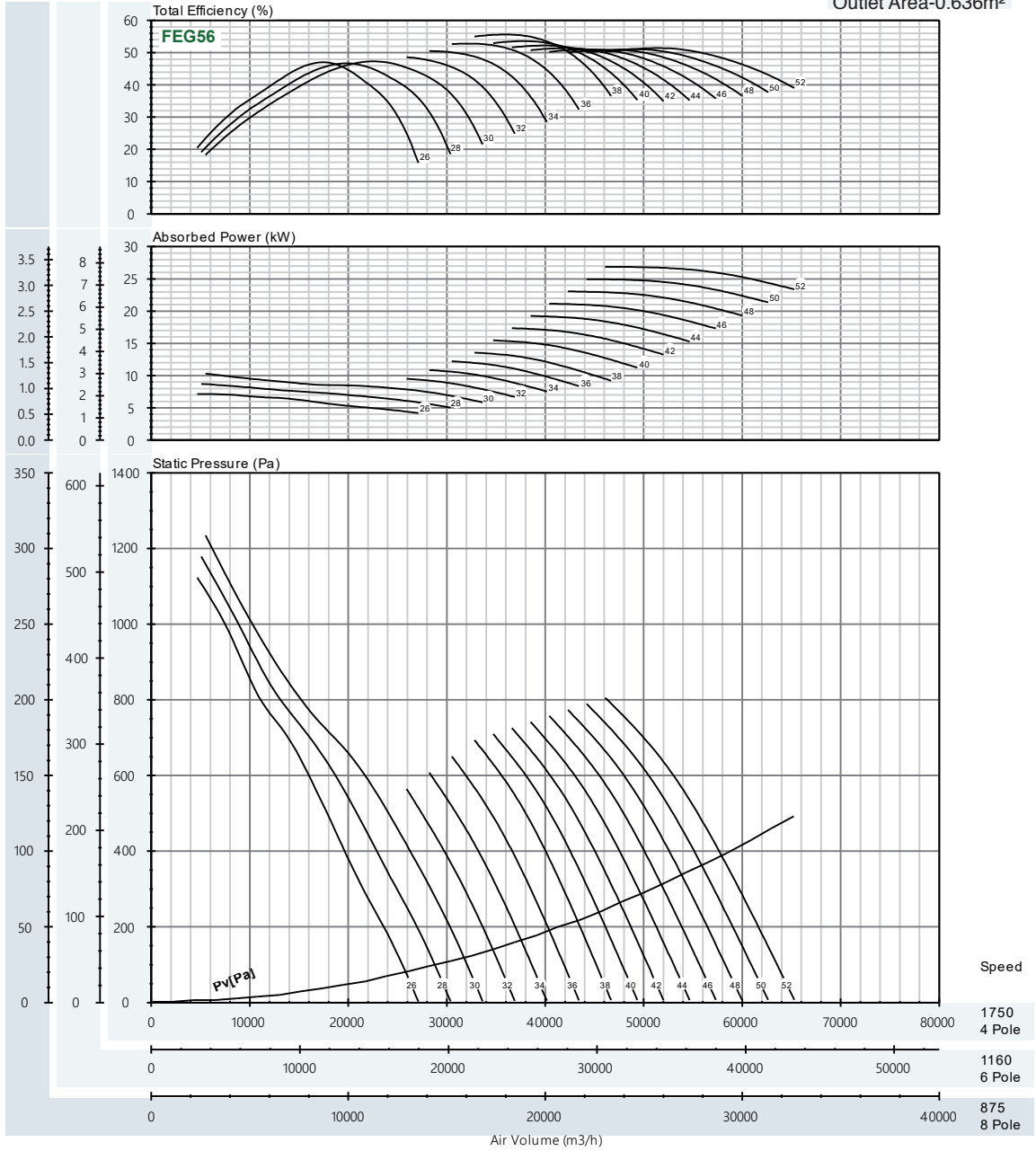
N(rpm)	Blade Pitch Angle [°]														
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°	
875 motor	1.247	1.440	1.632	1.422	1.603	1.784	1.965	2.230	2.495	2.759	3.024	3.289	3.554	3.821	
	1.5		2.2		1.5		2.2		3			4			
1160 motor	2.906	3.354	3.801	3.314	3.736	4.157	4.579	5.196	5.812	6.429	7.046	7.663	8.281	8.903	
	3		4			5.5			7.5		11				
1750 motor	9.979	11.516	13.052	11.378	12.826	14.274	15.722	17.840	19.957	22.075	24.193	26.311	28.433	30.568	
	11		15				18.5			22		30			37

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

AXIAL FLOW FAN

60Hz  
TA-HT-900-406-12-9  
p = 1.2kg/m<sup>3</sup>

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

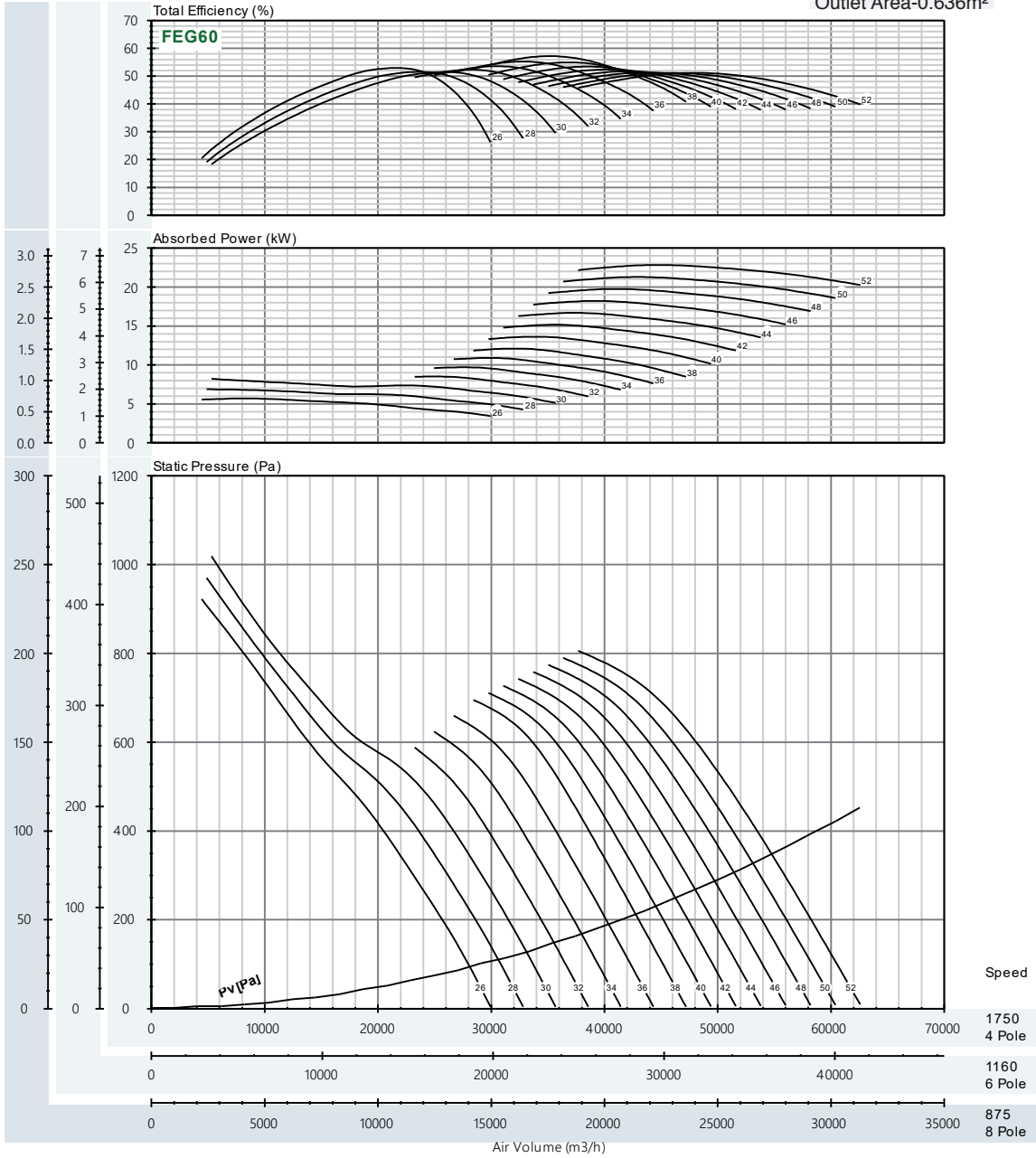
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.891	1.090	1.290	1.190	1.359	1.527	1.696	1.933	2.171	2.408	2.645	2.882	3.119	3.356
	1.1		1.5		2.2			3		4				
1160 motor	2.075	2.540	3.006	2.772	3.165	3.559	3.952	4.505	5.057	5.609	6.162	6.714	7.267	7.819
	2.2	3	4	3	4			5.5		7.5		11		
1750 motor	7.125	8.722	10.321	9.518	10.868	12.219	13.570	15.467	17.364	19.260	21.157	23.054	24.951	26.847
	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).

AXIAL FLOW FAN

60Hz  
TA-HT-900-406-12-6  
p = 1.2kg/m<sup>3</sup>

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.710	0.860	1.026	1.063	1.212	1.362	1.513	1.704	1.894	2.086	2.278	2.469	2.662	2.855
	0.75		1.1		1.5		2.2		3					
1160 motor	1.655	2.003	2.391	2.477	2.824	3.173	3.525	3.969	4.414	4.860	5.307	5.754	6.202	6.652
	2.2		3		4		5.5		7.5					
1750 motor	5.684	6.878	8.210	8.506	9.695	10.896	12.102	13.629	15.154	16.688	18.221	19.755	21.296	22.838
	7.5		11		15		18.5		22					

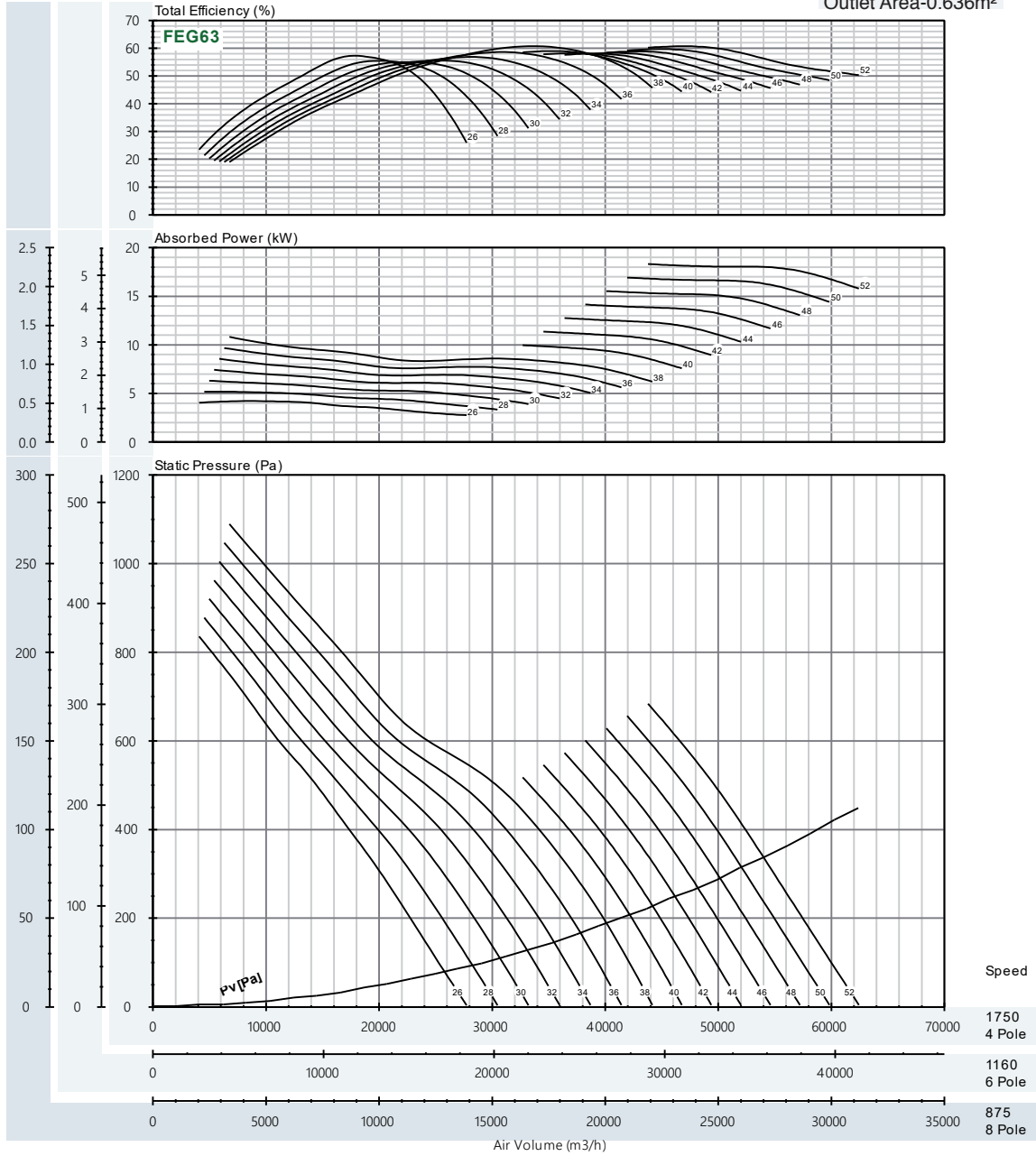
\* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

AXIAL FLOW FAN

**60Hz**  
**TA-HT-900-297-6-6**

p = 1.2kg/m<sup>3</sup>

Outlet Area-0.636m<sup>2</sup>



Peak Absorbed Power (Kw)

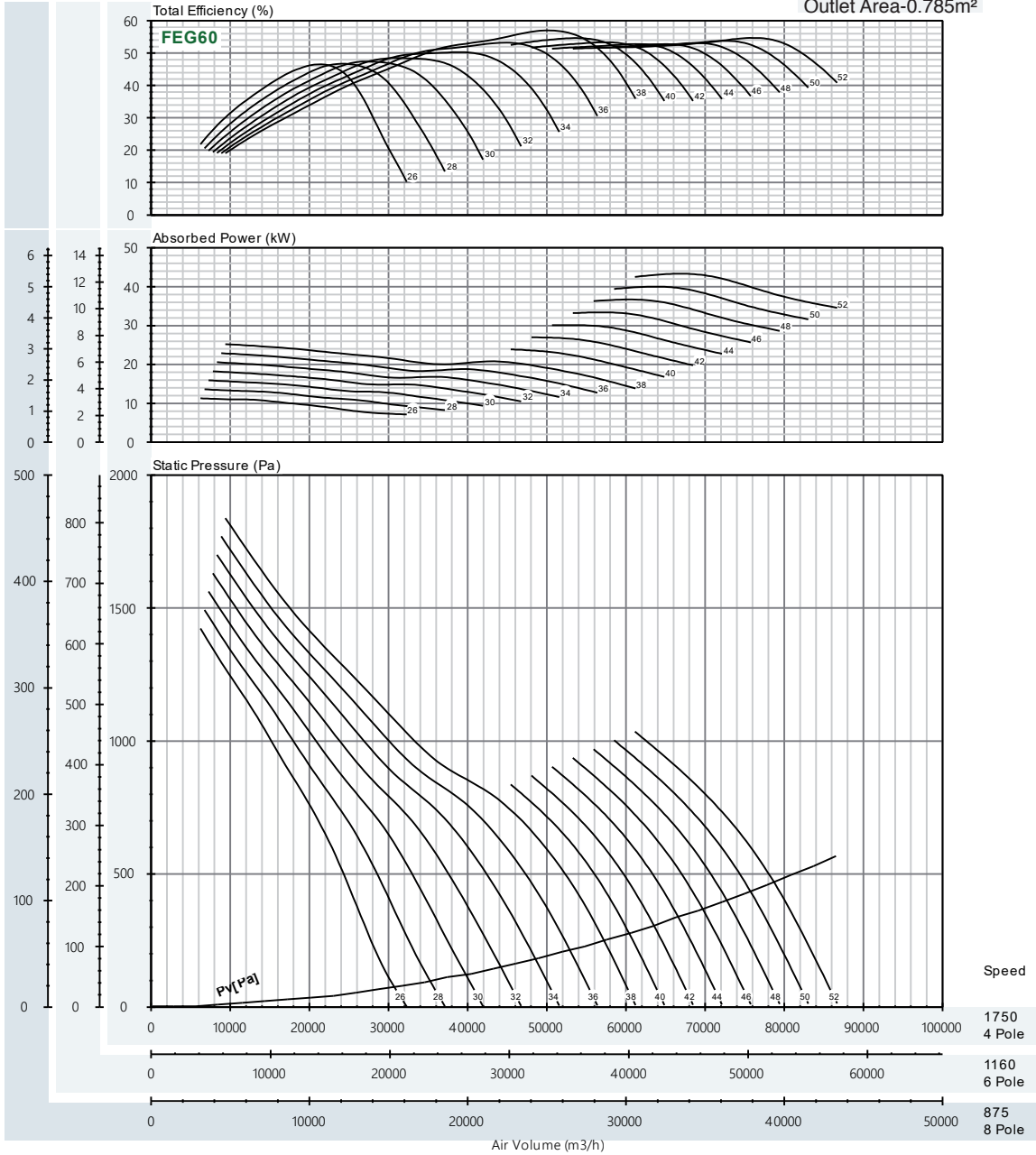
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.527	0.647	0.788	0.929	1.070	1.211	1.352	1.246	1.420	1.594	1.769	1.943	2.117	2.291
	0.55	0.75	1.1			1.5			2.2			3		
1160 motor	1.228	1.508	1.836	2.164	2.492	2.821	3.149	2.903	3.309	3.715	4.121	4.526	4.932	5.337
	1.5	2.2		3		4	3	4	5.5					
1750 motor	4.218	5.177	6.304	7.431	8.558	9.685	10.812	9.969	11.362	12.755	14.148	15.540	16.933	18.326
	5.5		7.5		11			15			18.5			

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

## AXIAL FLOW FAN

**60Hz**  
**TA-HT-1000-406-12-12**  
 $\rho = 1.2\text{kg/m}^3$

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.410	1.700	1.991	2.281	2.572	2.862	3.153	2.987	3.375	3.769	4.176	4.589	5.004	5.420
	1.5	2.2	3	4	3	4						5.5		
1160 motor	3.284	3.961	4.638	5.315	5.992	6.669	7.346	6.960	7.865	8.780	9.730	10.691	11.660	12.629
	4	5.5	7.5	11	15									
1750 motor	11.276	13.601	15.925	18.250	20.574	22.899	25.223	23.896	27.003	30.148	33.410	36.709	40.035	43.361
	15	18.5	22	30	37	45								

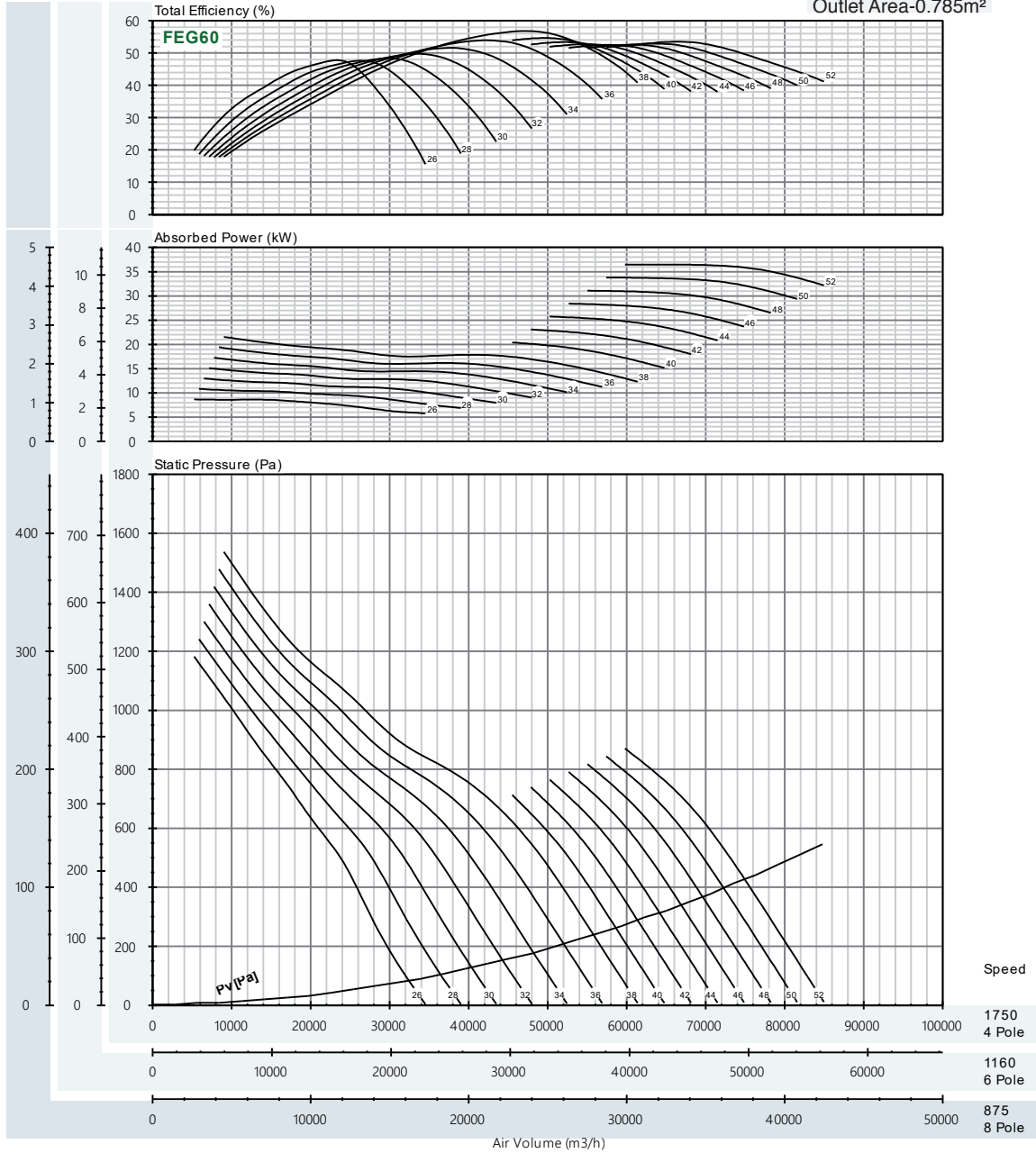
\* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



## AXIAL FLOW FAN

**60Hz**  
**TA-HT-1000-406-12-9**  
 ρ = 1.2kg/m<sup>3</sup>

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

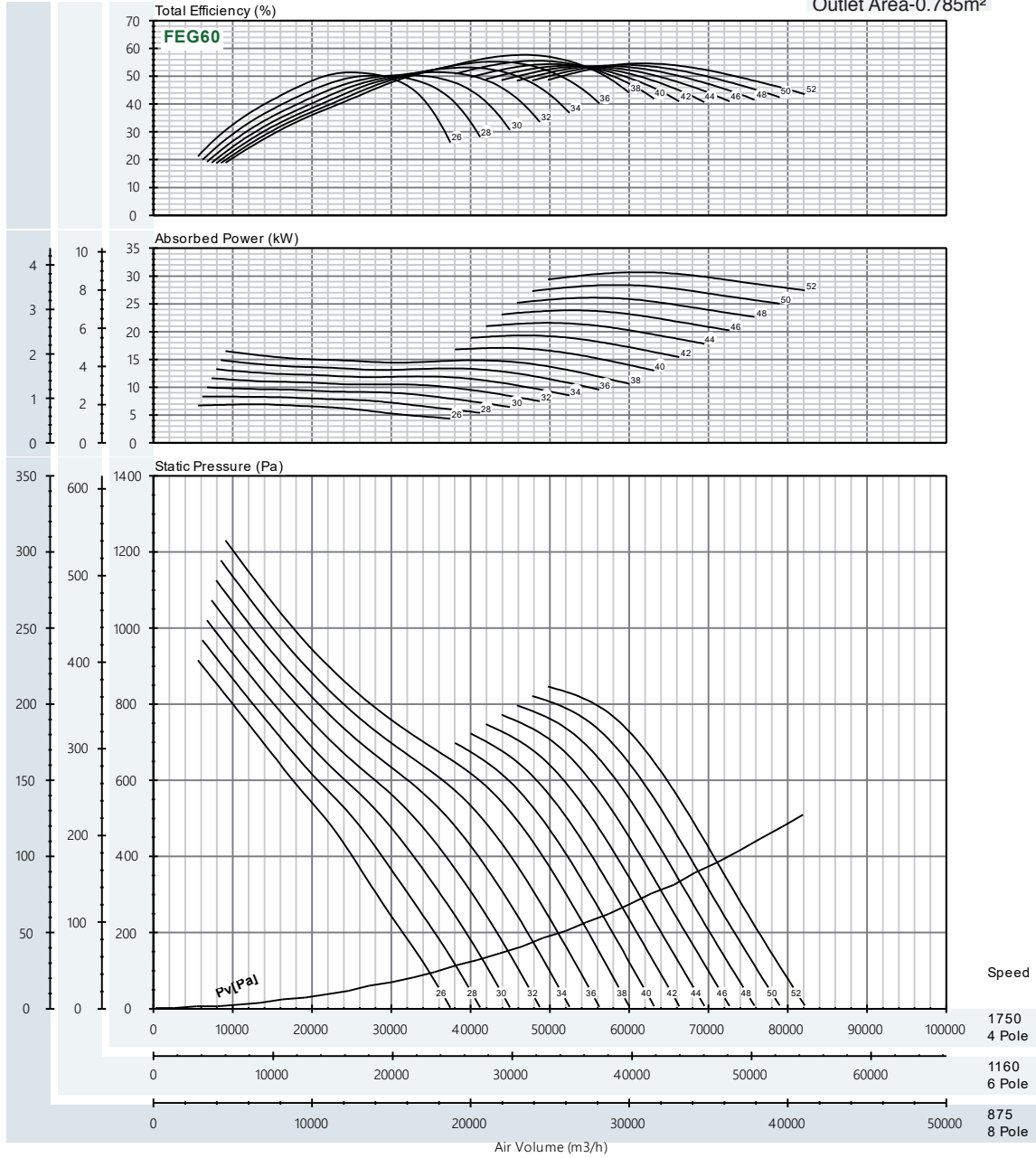
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.084	1.353	1.621	1.890	2.159	2.428	2.696	2.964	3.232	3.500	3.768	4.036	4.304	4.572
1160 motor	2.525	3.151	3.777	4.404	5.030	5.656	6.282	6.908	7.534	8.160	8.786	9.412	10.038	10.664
1750 motor	8.671	10.820	12.970	15.120	17.270	19.420	21.570	23.720	25.870	28.020	30.170	32.320	34.470	36.620

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

AXIAL FLOW FAN

60Hz  
TA-HT-1000-406-12-6  
p = 1.2kg/m<sup>3</sup>

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

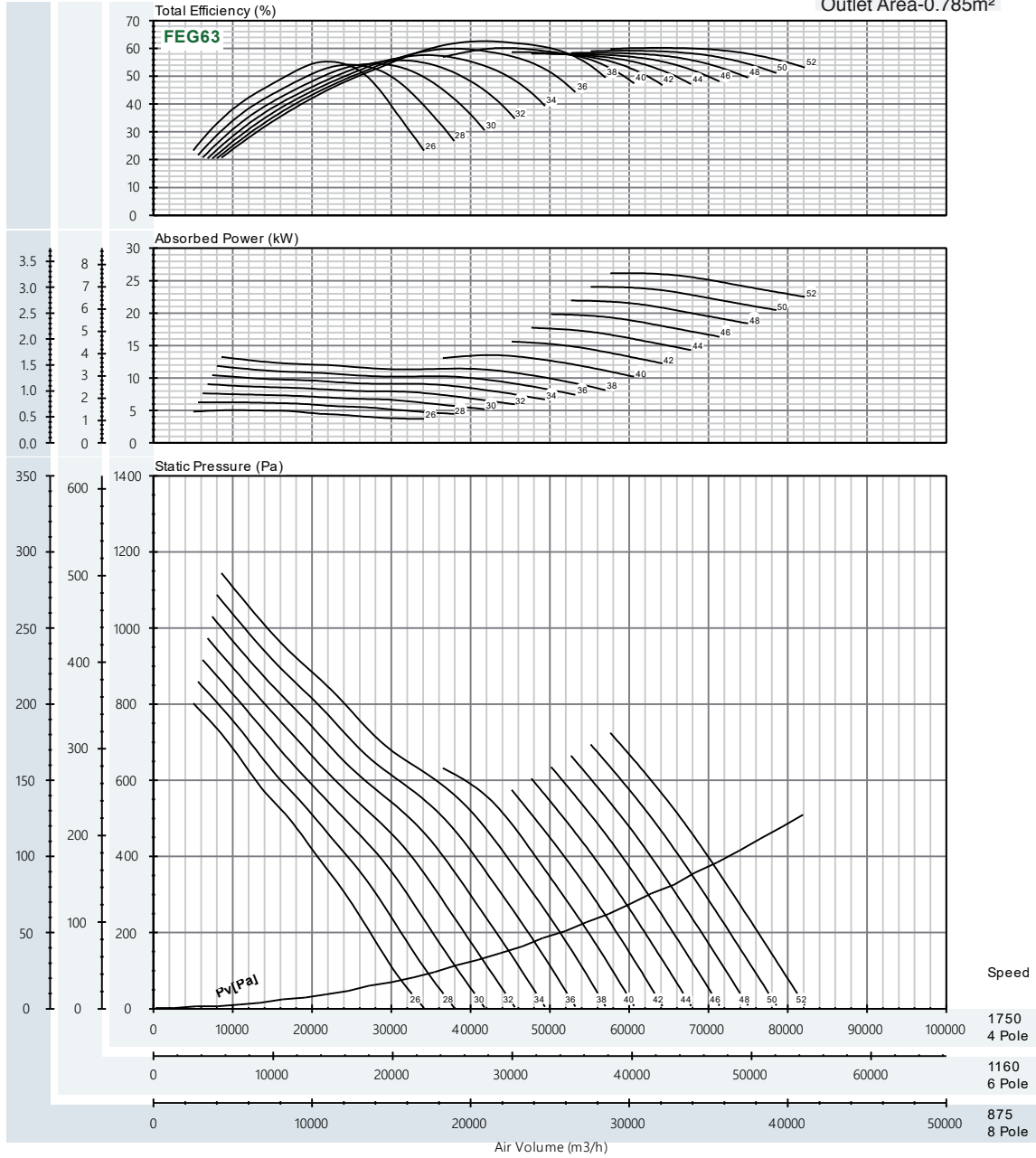
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.864	1.044	1.248	1.452	1.656	1.860	2.064	2.134	2.414	2.697	2.980	3.264	3.550	3.835
	1.1		1.5		2.2			3		4				
1160 motor	2.014	2.432	2.907	3.382	3.858	4.333	4.808	4.973	5.625	6.283	6.943	7.605	8.270	8.936
	2.2	3	4	5.5	7.5	11								
1750 motor	6.914	8.349	9.981	11.613	13.245	14.877	16.509	17.075	19.315	21.573	23.839	26.112	28.396	30.683
	7.5	11	15	18.5	22	30	37							

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

## AXIAL FLOW FAN

**60Hz**  
**TA-HT-1000-297-6-6**  
 p = 1.2kg/m<sup>3</sup>

Outlet Area-0.785m<sup>2</sup>



Peak Absorbed Power (Kw)

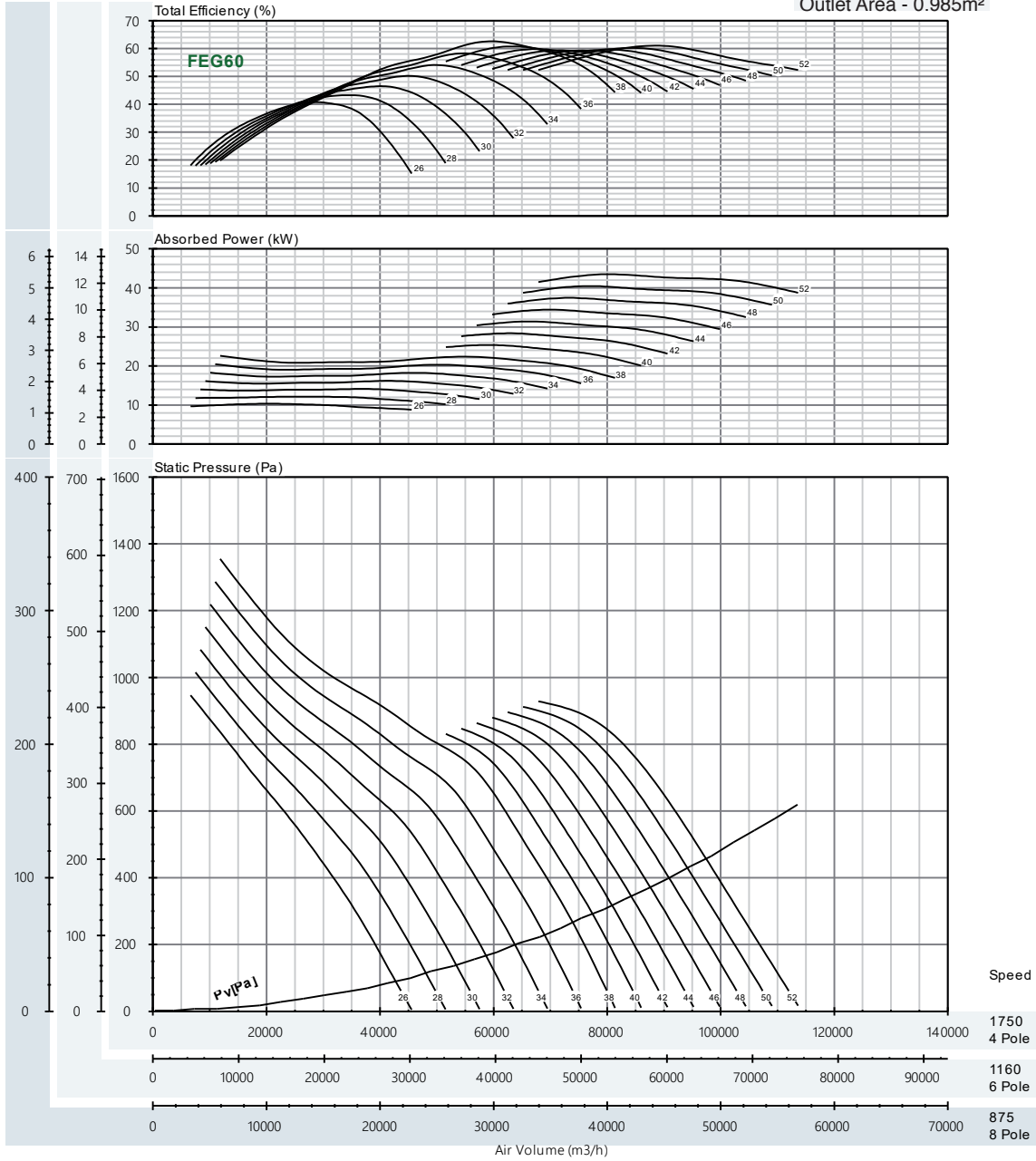
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	0.630	0.781	0.954	1.130	1.306	1.482	1.657	1.690	1.954	2.217	2.481	2.744	3.007	3.271
1160 motor	1.467	1.819	2.223	2.633	3.042	3.452	3.862	3.938	4.552	5.166	5.779	6.393	7.007	7.621
1750 motor	5.036	6.246	7.633	9.040	10.446	11.853	13.259	13.522	15.628	17.736	19.844	21.951	24.059	26.167

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

AXIAL FLOW FAN

**60Hz**  
**TA-HT-1120-406-12-12**  
p = 1.2kg/m3

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

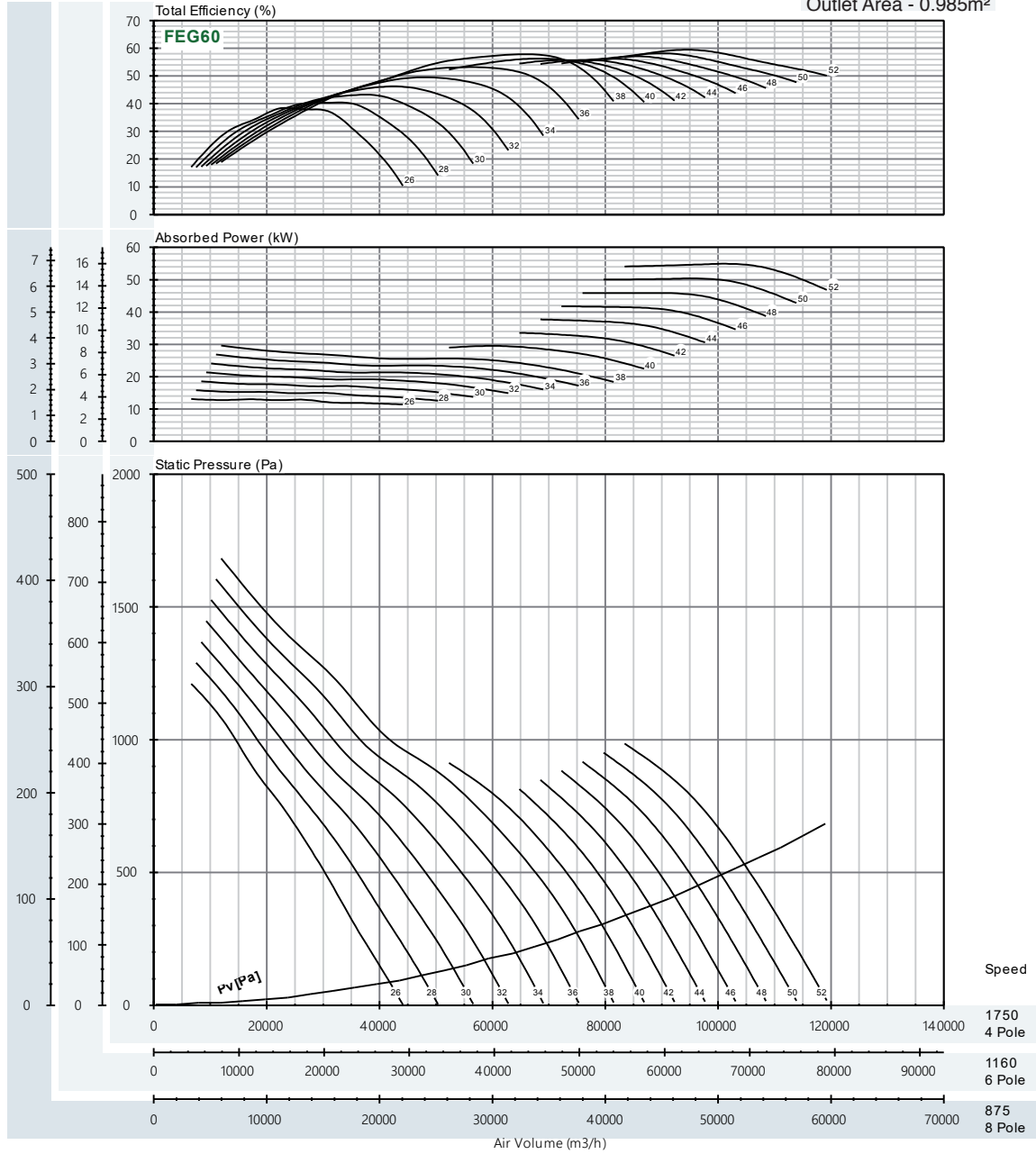
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.291	1.514	1.765	2.022	2.286	2.557	2.827	3.170	3.547	3.925	4.303	4.680	5.059	5.438
	1.5	2.2	3	4	5.5	7.5	11	15						
1160 motor	3.009	3.527	4.113	4.711	5.327	5.957	6.587	7.387	8.265	9.145	10.025	10.905	11.788	12.670
	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
	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).

AXIAL FLOW FAN

**60Hz**  
**TA-HT-1120-406-12-9**  
p = 1.2kg/m<sup>3</sup>

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

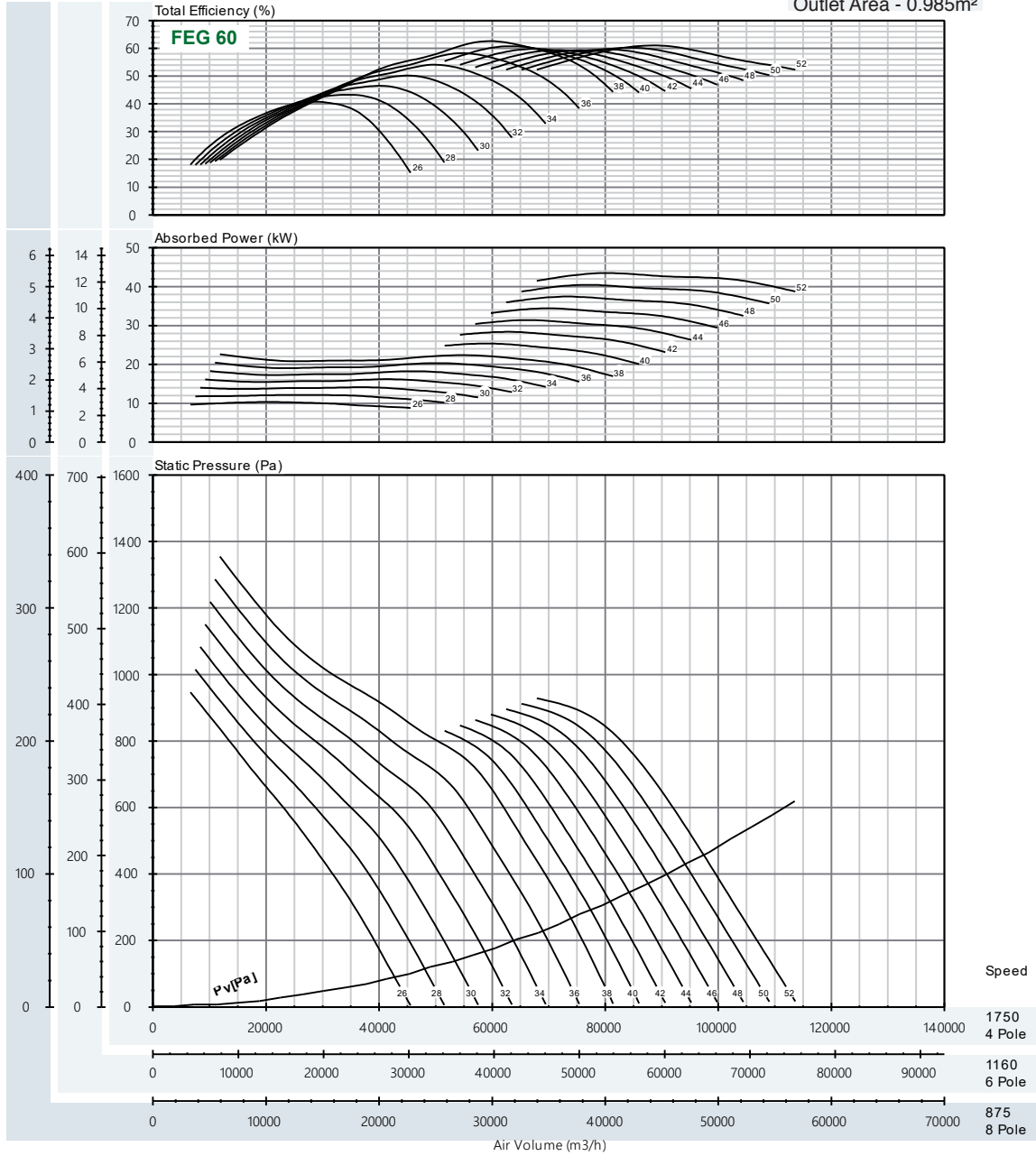
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.635	1.979	2.323	2.667	3.012	3.356	3.700	3.689	4.201	4.714	5.227	5.739	6.299	6.866
	2.2	3				4			5.5			7.5		
1160 motor	3.809	4.611	5.413	6.215	7.017	7.818	8.620	8.596	9.788	10.983	12.178	13.373	14.677	15.998
	4	5.5	7.5				11				15		18.5	
1750 motor	13.080	15.833	18.586	21.339	24.092	26.845	29.598	29.513	33.606	37.709	41.812	45.915	50.393	54.929
	15	18.5	22			30		37	45			55		

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

AXIAL FLOW FAN

60Hz  
TA-HT-1120-406-12-6  
p = 1.2kg/m<sup>3</sup>

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

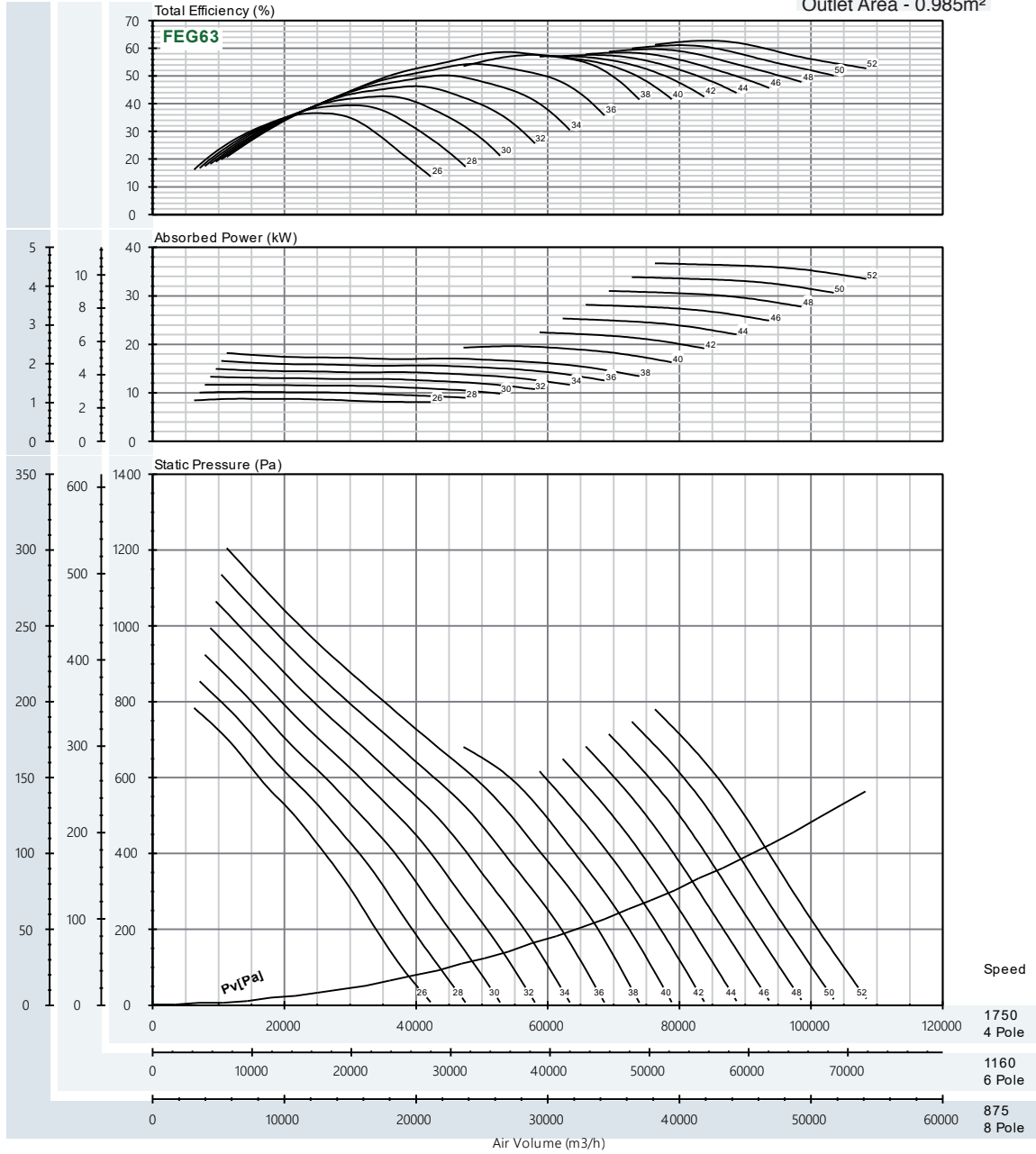
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.291	1.514	1.765	2.022	2.286	2.557	2.827	3.170	3.547	3.925	4.303	4.680	5.059	5.438
	1.5		2.2		3		4		5.5					
1160 motor	3.009	3.527	4.113	4.711	5.327	5.957	6.587	7.387	8.265	9.145	10.025	10.905	11.788	12.670
	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
	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).

AXIAL FLOW FAN

**60Hz**  
**TA-HT-1120-297-6-6**  
p = 1.2kg/m<sup>3</sup>

Outlet Area - 0.985m<sup>2</sup>



Peak Absorbed Power (Kw)

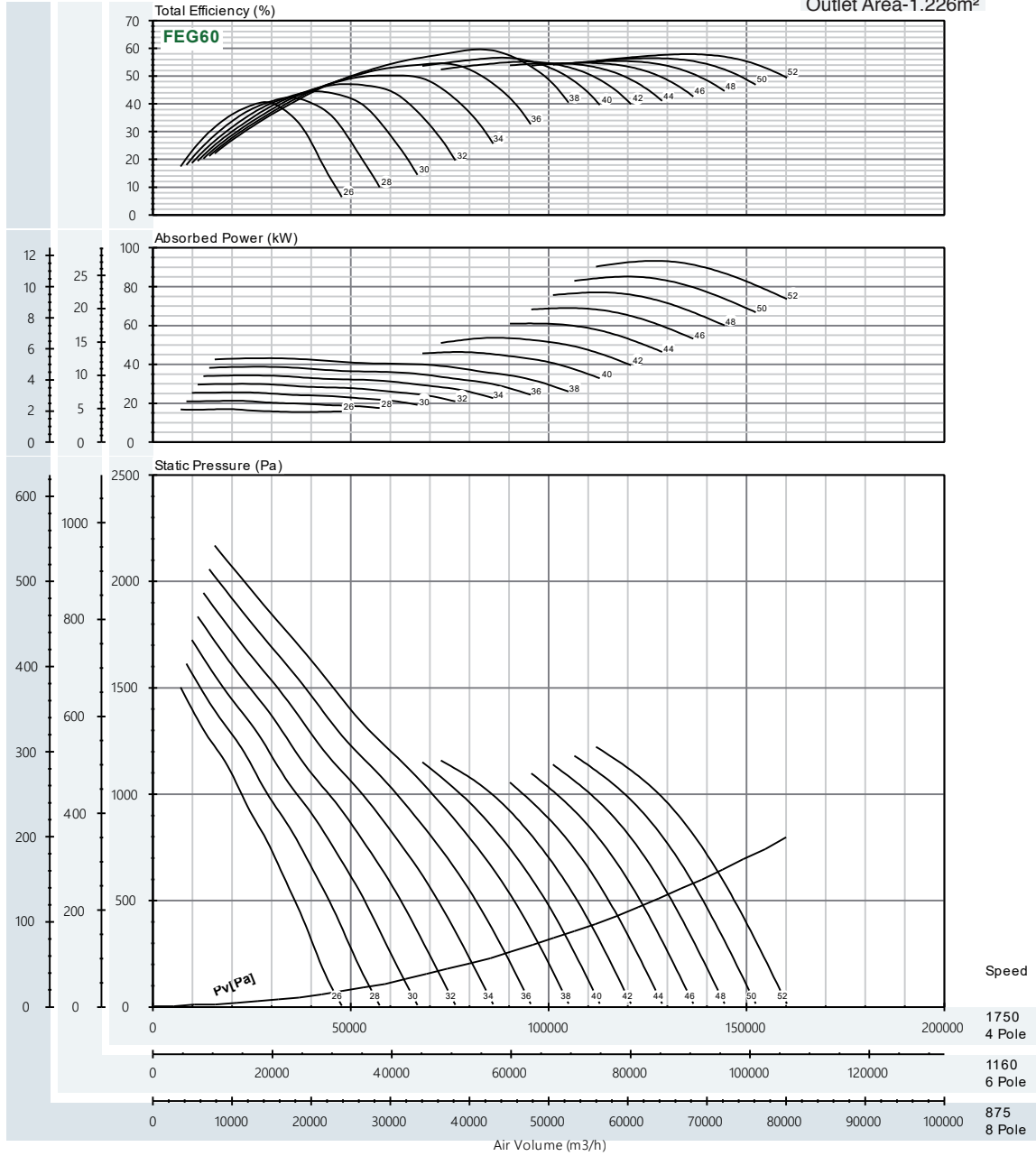
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.098	1.276	1.462	1.665	1.869	2.073	2.276	2.452	2.808	3.165	3.522	3.879	4.235	4.592
1160 motor	2.557	2.973	3.405	3.880	4.354	4.829	5.304	5.713	6.543	7.374	8.205	9.037	9.868	10.699
1750 motor	8.781	10.208	11.692	13.322	14.951	16.581	18.210	19.615	22.465	25.319	28.173	31.028	33.882	36.736

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

**60Hz**  
**TA-HT-1250-406-12-12**  
 p = 1.2kg/m<sup>3</sup>

AXIAL FLOW FAN

Outlet Area-1.226m<sup>2</sup>



Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	2.131	2.660	3.199	3.746	4.297	4.849	5.402	5.797	6.712	7.635	8.625	9.634	10.647	11.666
1160 motor	4.964	6.198	7.453	8.728	10.011	11.298	12.586	13.506	15.639	17.789	20.097	22.446	24.808	27.182
1750 motor	17.045	21.281	25.588	29.968	34.372	38.792	43.213	46.373	53.698	61.080	69.004	77.070	85.180	93.329

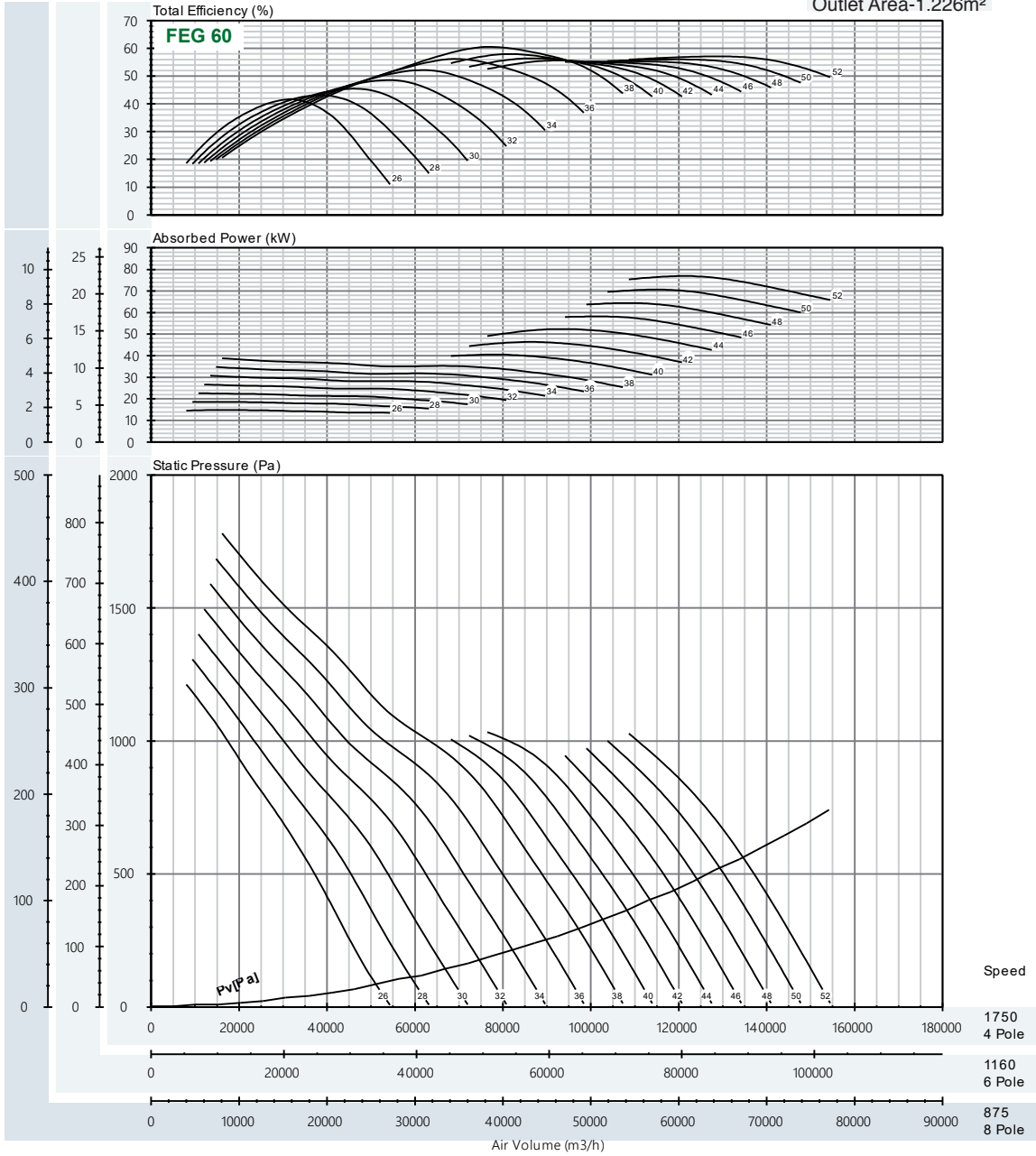
\* Performance certified is for installation type D -Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



AXIAL FLOW FAN

**60Hz**  
**TA-HT-1250-406-12-9**  
p = 1.2kg/m<sup>3</sup>

Outlet Area-1.226m<sup>2</sup>



Peak Absorbed Power (Kw)

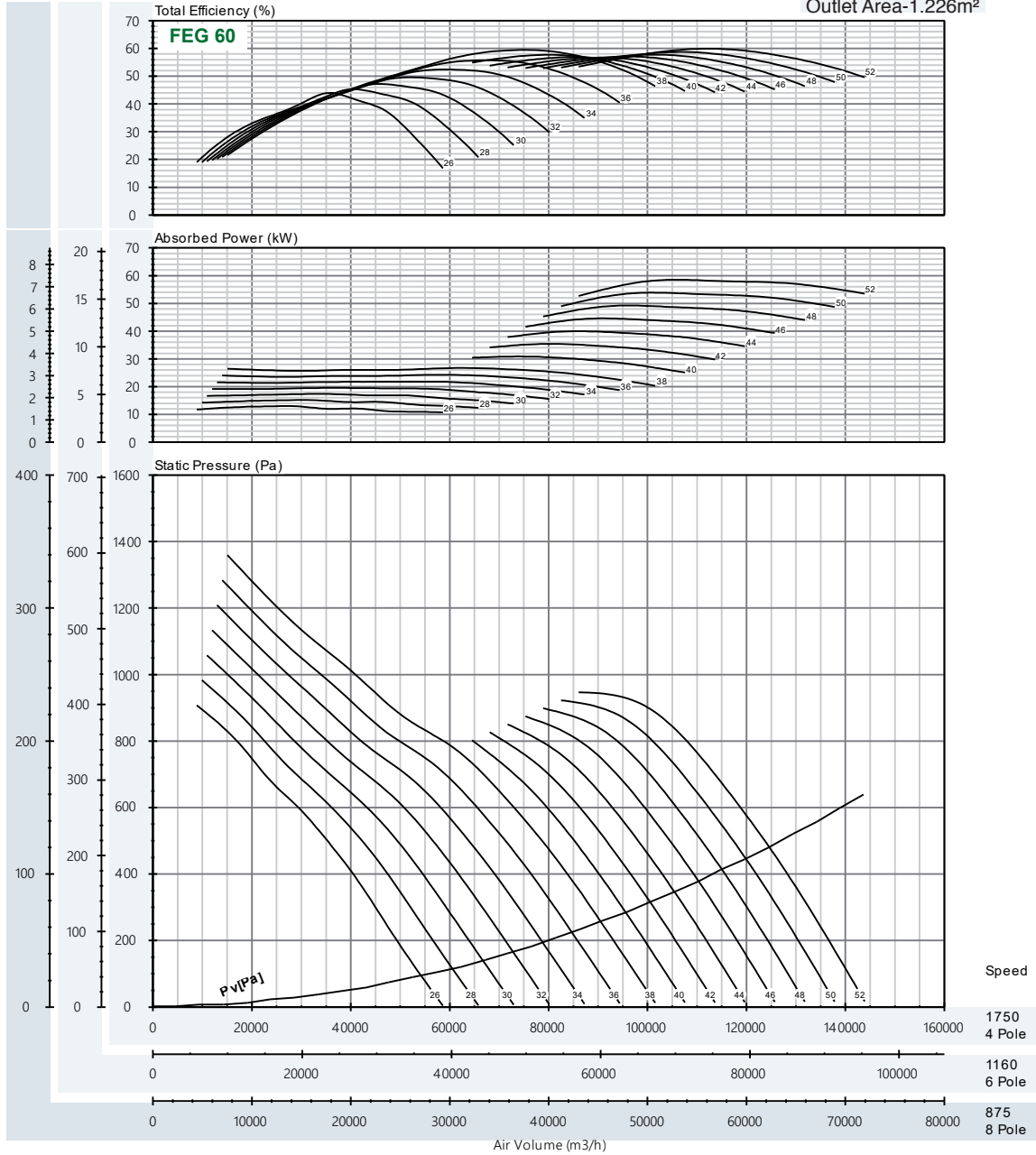
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.866	2.331	2.832	3.338	3.844	4.350	4.856	5.070	5.798	6.549	7.281	8.054	8.834	9.617
1160 motor	4.348	5.431	6.598	7.777	8.956	10.135	11.314	11.812	13.508	15.258	16.964	18.766	20.582	22.407
1750 motor	14.930	18.649	22.653	26.701	30.749	34.798	38.846	40.556	46.381	52.388	58.245	64.433	70.668	76.935

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

AXIAL FLOW FAN

60Hz  
TA-HT-1250-406-12-6  
p = 1.2kg/m<sup>3</sup>

Outlet Area-1.226m<sup>2</sup>



Peak Absorbed Power (Kw)

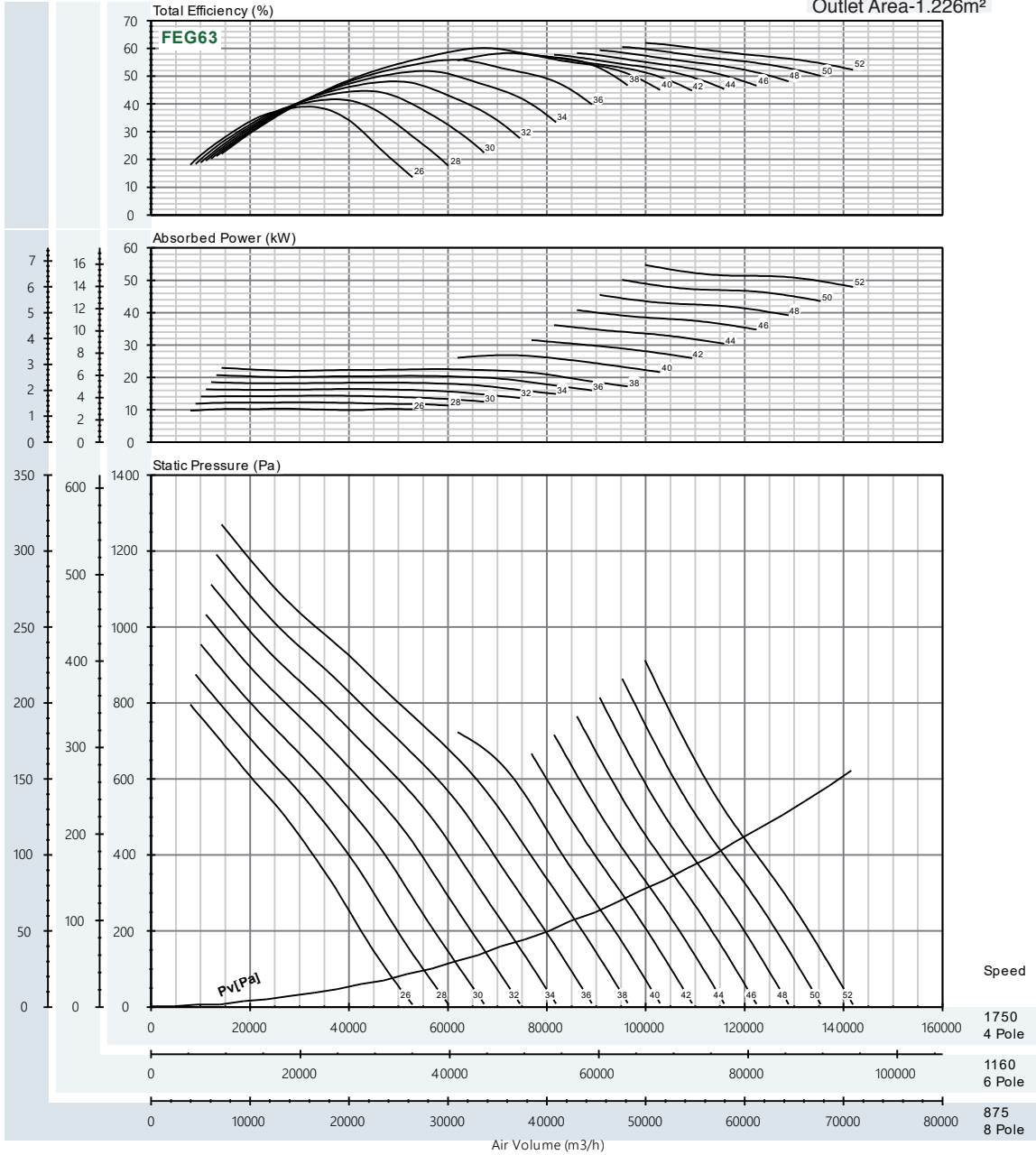
N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.626	1.898	2.170	2.442	2.727	3.034	3.342	3.858	4.425	4.999	5.576	6.154	6.734	7.315
	2.2		3			4			5.5			7.5		
1160 motor	3.788	4.422	5.056	5.689	6.354	7.070	7.786	8.990	10.311	11.647	12.992	14.338	15.690	17.044
	4	5.5	7.5			11			15			18.5		
1750 motor	13.006	15.182	17.358	19.535	21.816	24.276	26.735	30.866	35.403	39.989	44.610	49.231	53.873	58.519
	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).

AXIAL FLOW FAN

60Hz  
TA-HT-1250-297-6-6  
p = 1.2kg/m<sup>3</sup>

Outlet Area-1.226m<sup>2</sup>



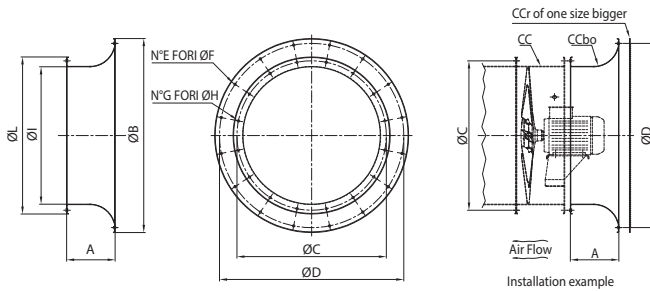
Peak Absorbed Power (Kw)

N(rpm)	Blade Pitch Angle [°]													
	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°	52°
875 motor	1.296	1.546	1.796	2.048	2.315	2.591	2.868	3.362	3.942	4.522	5.103	5.683	6.264	6.844
	1.5		2.2		3		4		5.5		7.5			
1160 motor	3.020	3.602	4.185	4.773	5.394	6.038	6.682	7.832	9.184	10.537	11.889	13.242	14.595	15.947
	4		5.5		7.5		11		15		18.5			
1750 motor	10.368	12.368	14.370	16.388	18.520	20.731	22.942	26.892	31.533	36.178	40.822	45.466	50.111	54.755
	11	15	18.5	22	30	37	45	55						

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

## 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.

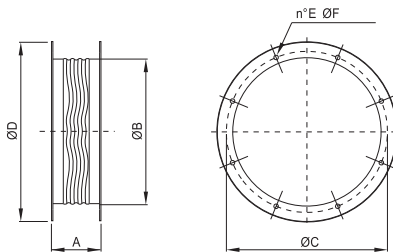


TYPE	A	B	C	D	E	F	G	H	I	L	kg
CCb 40	175	546	450	500	8	12	8	12	407	496	5,6
CCb 45	175	598	500	560	12	12	8	12	457	546	6,3
CCb 50	190	658	560	620	12	12	12	12	507	598	8,5
CCb 56	190	730	620	690	12	12	12	12	567	730	8,5
CCb 63	190	810	690	770	16	12	12	12	637	810	9,8
CCb 71	230	910	770	860	16	12	16	12	708	910	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.

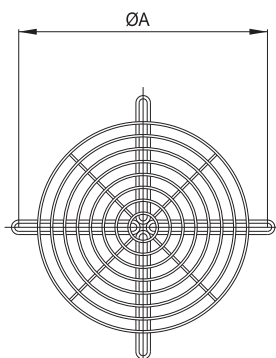


TYPE	A	ØB	ØC	ØD	E	ØF	kg
CCb 40	200	400	450	496	8	12	7
CCb 45	200	450	500	546	8	12	8
CCb 50	200	500	560	598	12	12	9
CCb 56	200	560	620	658	12	12	10
CCb 63	200	630	690	730	12	12	11
CCb 71	200	710	770	810	16	12	13
CCb 80	200	800	860	910	16	12	21
CCb 90	200	900	970	1030	16	16	23
CCb 100	200	1000	1070	1130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

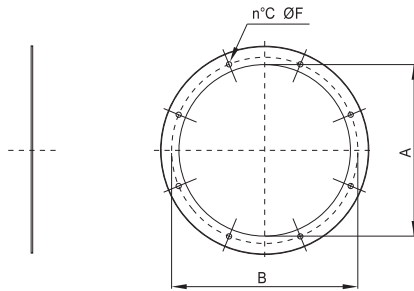


TYPE	ØA	Kg
CCga 40	450	0,8
CCga 45	500	1,0
CCga 50	560	1,3
CCga 56	620	1,6
CCga 63	690	1,9
CCga 71	770	2,2
CCga 80	860	3,0
CCga 90	970	3,4
CCga 100	1070	3,5
CCga 112	1190	4,0
CCga 125	1320	4,5

Dimensions in mm  
Indicative weights

## COUNTER FLANGE CCI

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.

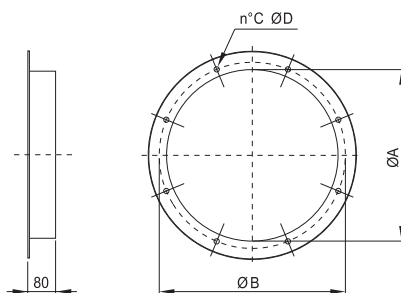


TYPE	ØA	ØB	C	ØD	Kg
CCga 40	400	450	8	12	1,7
CCga 45	450	500	8	12	1,9
CCga 50	500	560	12	12	2,1
CCga 56	560	620	12	12	2,4
CCga 63	630	690	12	12	2,7
CCga 71	710	770	16	12	3,3
CCga 80	800	860	16	12	3,7
CCga 90	900	970	16	16	4,7
CCga 100	1000	1070	16	16	5,2
CCga 112	1120	1190	20	16	6,5
CCga 125	1250	1320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

Dimensions in mm  
Indicative weights

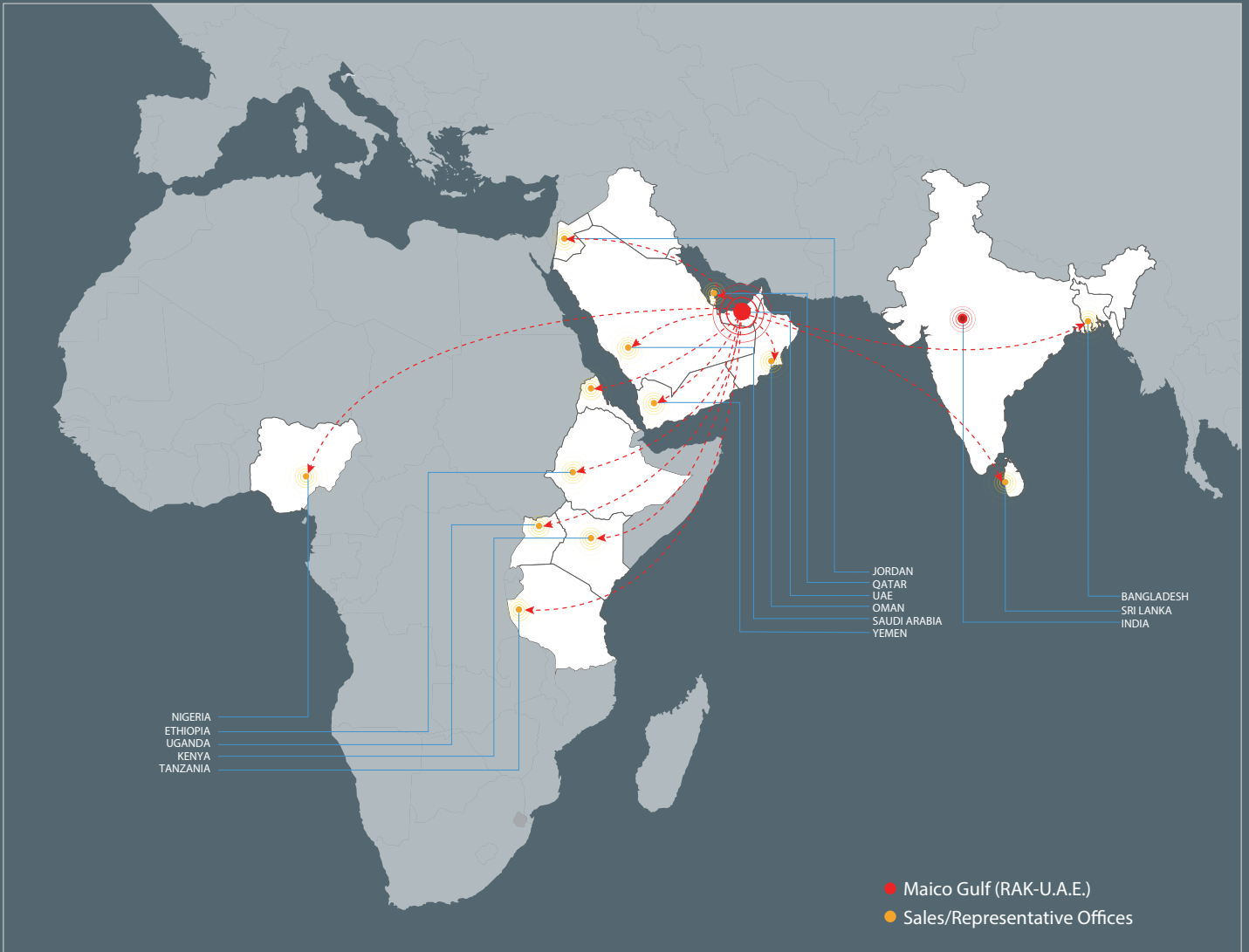
## COUNTER FLANGE WITH COLLAR CCic

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



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