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离心式管道风机 JDLG 2017年11月印刷
Inline centrifugal fan JDLG November 2017 Edition

浙江金盾风机股份有限公司 ZHEJIANG JINDUN FANS HOLDING CO., LTD.

离心式管道风机



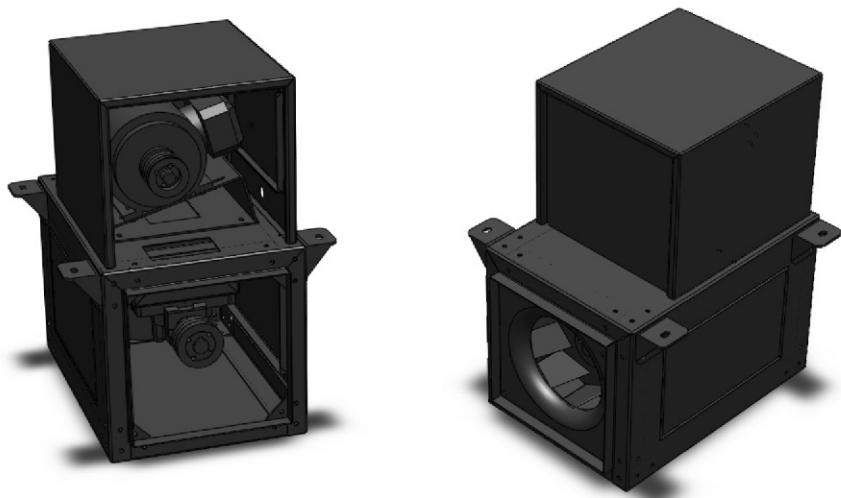
浙江金盾风机股份有限公司特此证明, 此处所示离心式管道风机JDLG系列产品获得了加盖AMCA印章的授权。所示额定值系根据AMCA出版物211和AMCA出版物311所进行测试和程序确定, 并符合AMCA认证额定值计划的要求。

Zhejiang Jindun Fans Holding Co.,Ltd. certifies that the Inline centrifugal JDLG Fan shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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JDLG系列离心式管道通风机

JDLG Series Inline Centrifugal Fan

JDLG系列离心式管道通风机的用途	Application
该系列风机可用作一般工厂及建筑物的室内通风换气，亦可与空调净化设备配套。气体内不许有粘性物质，所含尘土及硬质颗粒物不大于150 mg/m³。气体温度不超过80℃环境下既可用作输入气体，亦可用作输出气体。 The serial ventilators can be usually used for indoor air ventilation in factories and buildings, and can also be used in conjunction with air conditioning and cleaning facilities. It can be used either for air input or air output in the environment where the contained dust and particles are of not more than 150 mg/m³ and the air/gas temperature of not more than 80 °C.	
JDLG系列离心式管道通风机的型式	Type
JDLG系列产品规格从2.8#-6#共有6个机号。可为A式传动，也可为C式传动，0°进风，0°出风。 JDLG type serial products include 6 types ranging from 2.8# to 6#. Among them are A-type drive or C-type drive, 0° inlet air and 0° outlet air.	
JDLG系列离心式管道通风机的结构	Configuration
该系列风机主要由叶轮、箱体、集风器、轴承座及传动部分组成。 The serial ventilator consists of centrifugal impeller, casing, air collector, bearing seat and drive unit. 1.叶轮由10个后倾机翼型叶片、曲线形轮盖和平板型轮盘及轮毂组成，并经过动、静平衡校正，具有良好空气动力性能和运转的平稳可靠性。 1. Impeller is made up of 10 backward curve blades, curved wheel cap, central pivot and wheel hub. It goes through dynamic and static balancing, thus resulting in good aerodynamic performance and smooth/reliable operation. 2.箱体采用优质钢板折弯组合而成，箱体为框架可拆卸式结构，由螺栓连接。 2. The cabinet is made of high quality steel plate bending and combined frame structure, easily detachable and connected by bolts. 3.主轴采用优质碳钢制成，经调质处理，在设计上有可靠的安全性和抗疲劳性。 3. Main shaft is of high quality carbon steel. It is designed with reliable, safety and anti-fatigue features. 4.集风器、轮盖均以拉伸工艺一次成型，具有光滑流线型表面。 4. Air collector and wheel cap are all directly shaped using stretcher forming method. The surface is smooth and streamlined. 5.轴承座为优质铸铁件加工而成，配用调心轴承，采用机油或油脂润滑。 5. Bearing seat is of cast iron type, used in conjunction with self-aligning bearing. Both oil and grease are suitable for lubrication. 6.三角带传动系统，按所需性能优化配置（三角带一般选用国产，亦可根据用户特殊选用进口产品）。单机三角带长度按样本参数。 6. V belt drive system is adopted and optimal selection is made, depending on the performance required, (usually using local or imported products, if required by customer). For single V belt fan, the length of belt is as per catalog drawing. 7.订货时应注明风机型号、规格、用途、传动方式、流量、全压（静压），以及电动机的型号、极数、规格等，如有特殊要求订货时提出。 7. When making a purchase, the following information and special requirement, if any shall be specified : For ventilators : type, size, application, type of drive, flow rate, total pressure; and for electric motors : type, size, number f poles, etc.	



JDLG系列离心式管道通风机性能参数表

JDLG Series Performance Parameter Table

风机型号 Fan type	转速 Speed (r/min)	风量 Flow Rate (m³/h)	全压 Total Pressure (Pa)	轴功率 Fan input power (kW)	配用电动机 Corollary motor		进口总声功 率级 Inlet Sound Power Level (dB)	出口总声功 率级 Outlet Sound Power Level (dB)	重量 Weight (kg)
					型号 Model	功率 Power (kw)			
2.8C	3250	2154	294	0.959	Y90S-2 (B3)	1.5	110	115	58
		1916	443	0.976					
		1634	610	0.974					
		1275	765	0.927					
		972	863	0.851					
		553	923	0.738					
	2900	1922	234	0.681	Y802-2 (B3)	1.1	107	112	58
		1710	353	0.693					
		1458	486	0.692					
		1138	609	0.659					
		868	687	0.604					
		493	735	0.524					
	2550	1690	181	0.463	Y801-2 (B3)	0.75	105	108	58
		1504	273	0.471					
		1282	376	0.470					
		1000	471	0.448					
		763	531	0.411					
		434	568	0.357					
3.2C	3250	2647	419	1.579	Y100L-2(B3)	3	115	119	75
		2320	610	1.594					
		1945	791	1.557					
		1602	926	1.493					
		1194	1040	1.385					
		871	1095	1.257					
	2900	2362	334	1.122	Y90L-2(B3)	2.2	112	116	75
		2070	486	1.133					
		1735	630	1.106					
		1429	737	1.061					
		1066	828	0.984					
		778	872	0.893					
	2550	2077	258	0.763	Y90S-2(B3)	1.5	107	113	75
		1820	376	0.770					
		1526	487	0.752					
		1257	570	0.721					
		937	640	0.669					
		684	674	0.607					
3.6C	2900	4038	384	2.347	Y112M-2 (B3)	4	116	119	88
		3592	579	2.388					
		3063	797	2.384					
		2390	999	2.269					
		1822	1127	2.083					
		1036	1206	1.807					

注：风机重量不包含电动机。（Notes: fan weight not including motor.）

功率额定值千瓦(kW)不包括传输(动)损失。各项性能额定值不包括附属物(附件)的影响。经认证的性能是B类安装-自由入口，管道出口。所示值为安装类型B：自由入口，管道出口的声功率级（入口Lwi和出口Lwo）。所示声功率级额定值以分贝为单位，参考声功率为10⁻¹²瓦，按照AMCA International标准301计算。

Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). Performance certified is for installation type B-Free inlet, Ducted outlet.Values shown are for inlet Lwi and outlet Lwo sound power levels for installation type B: Free inlet, ducted outlet.The sound power level ratings shown are in decibels,referred to 10⁻¹² watts,calculated per AMCA International Standard 301"



JDLG系列离心式管道通风机性能参数表

JDLG Series Performance Parameter Table

风机型号 Fan type	转速 Speed (r/min)	风量 Flow Rate (m³/h)	全压 Total Pressure (Pa)	轴功率 Fan input power (kW)	配用电动机 Corollary motor		进口总声功 率级 Inlet Sound Power Level (dB)	出口总声功 率级 Outlet Sound Power Level (dB)	重量 Weight (kg)
					型号 Model	功率 Power (kw)			
3.6C	2550	3551	297	1.596	Y100L-2 (B3)	3	112	117	88
		3159	448	1.624					
		2693	616	1.621					
		2101	772	1.543					
		1603	871	1.416					
		911	932	1.228					
	2200	3063	221	1.025	Y90L-2 (B3)	2.2	107	114	88
		2725	333	1.043					
		2323	459	1.041					
		1813	575	0.991					
		1383	648	0.909					
		786	694	0.789					
	1800	2506	148	0.561	Y90S-2 (B3)	1.5	102	109	88
		2230	223	0.571					
		1901	307	0.570					
		1483	385	0.543					
		1131	434	0.498					
		643	464	0.432					
4C	2900	5517	473	3.948	Y132S ₁ -2 (B3)	5.5	119	123	110
		4907	713	4.017					
		4184	981	4.009					
		3265	1230	3.817					
		2490	1387	3.503					
		1415	1484	3.039					
	2550	4851	365	2.684	Y112M-2 (B3)	4	115	120	110
		4315	551	2.731					
		3679	759	2.726					
		2871	951	2.595					
		2189	1073	2.382					
		1245	1148	2.066					
	2200	4185	272	1.724	Y100L-2 (B3)	3	112	117	110
		3723	410	1.754					
		3174	565	1.750					
		2477	708	1.666					
		1889	798	1.529					
		1074	854	1.327					
	1800	3424	182	0.944	Y90S-2 (B3)	1.5	108	112	110
		3046	275	0.961					
		2597	378	0.959					
		2026	474	0.913					
		1545	534	0.838					
		878	572	0.727					
	1450	2758	118	0.494	Y90S-4 (B3)	1.1	101	108	110
		2454	178	0.502					
		2092	245	0.501					
		1632	307	0.477					
		1245	347	0.438					
		708	371	0.380					

注：风机重量不包含电动机。（Notes: fan weight not including motor.）

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JDLG系列离心式管道通风机性能参数表

JDLG Series Performance Parameter Table

风机型号 Fan type	转速 Speed (r/min)	风量 Flow Rate (m³/h)	全压 Total Pressure (Pa)	轴功率 Fan input power (kW)	配用电动机 Corollary motor		进口总声功 率级 Inlet Sound Power Level (dB)	出口总声功 率级 Outlet Sound Power Level (dB)	重量 Weight (kg)
					型号 Model	功率 Power (kw)			
4.5C	2900	7042	772	5.467	Y132S ₂ -2 (B3)	7.5	112	118	126
		6156	1072	5.431					
		5306	1320	5.357					
		4392	1556	5.138					
		3478	1740	4.740					
		2664	1832	4.432					
	2000	4856	367	1.793	Y100L-2 (B3)	3	104	109	126
		4246	510	1.782					
		3660	628	1.757					
		3029	740	1.685					
		2398	828	1.555					
		1837	871	1.454					
	1450	3521	193	0.683	Y90L-4 (B3)	1.5	93	104	126
		3078	268	0.679					
		2653	330	0.670					
		2196	389	0.642					
		1739	435	0.593					
		1332	458	0.554					
	1000	2428	92	0.224	Y802-4 (B3)	0.75	87	93	126
		2123	127	0.223					
		1830	157	0.220					
		1514	185	0.211					
		1199	207	0.194					
		919	218	0.182					
5C	2000	6839	461	3.173	Y132S ₁ -2 (B3)	5.5	105	114	165
		5979	641	3.152					
		5154	789	3.109					
		4266	930	2.982					
		3377	1040	2.751					
		2587	1095	2.572					
	1450	4958	242	1.209	Y100L ₁ -4 (B3)	2.2	98	106	165
		4335	337	1.201					
		3736	415	1.185					
		3092	489	1.136					
		2449	547	1.048					
		1876	575	0.980					
	1000	3419	115	0.397	Y802-4 (B3)	0.75	86	95	165
		2989	160	0.394					
		2577	197	0.389					
		2133	232	0.373					
		1689	260	0.344					
		1294	274	0.321					

注：风机重量不包含电动机。（Notes: fan weight not including motor.）

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JDLG系列离心式管道通风机性能参数表

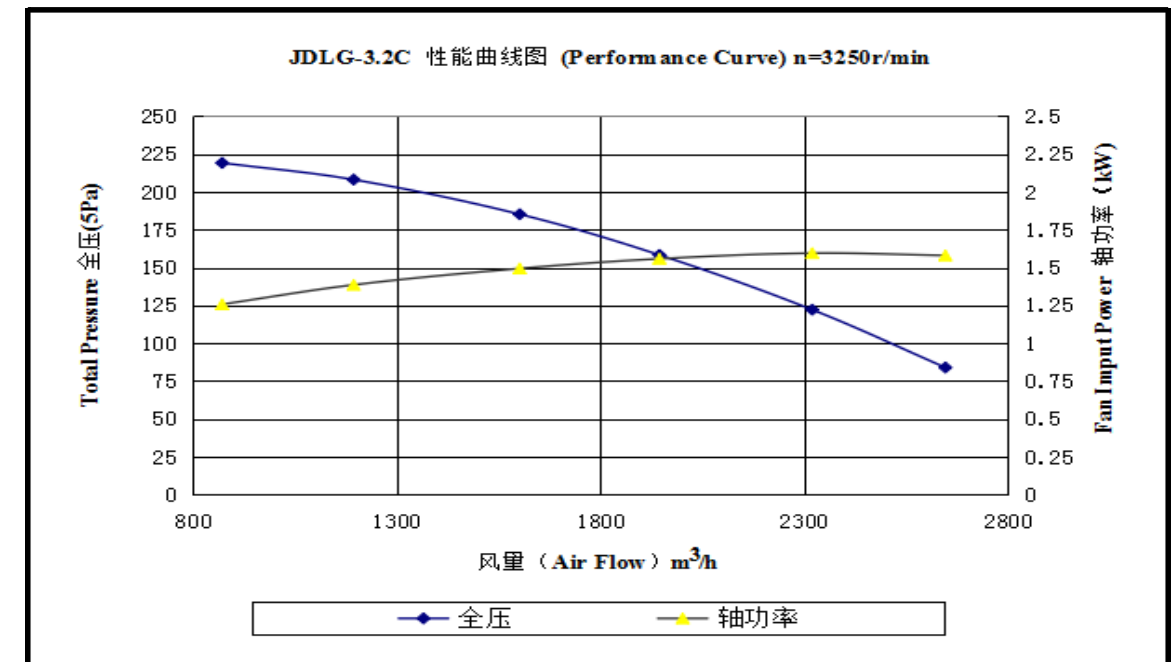
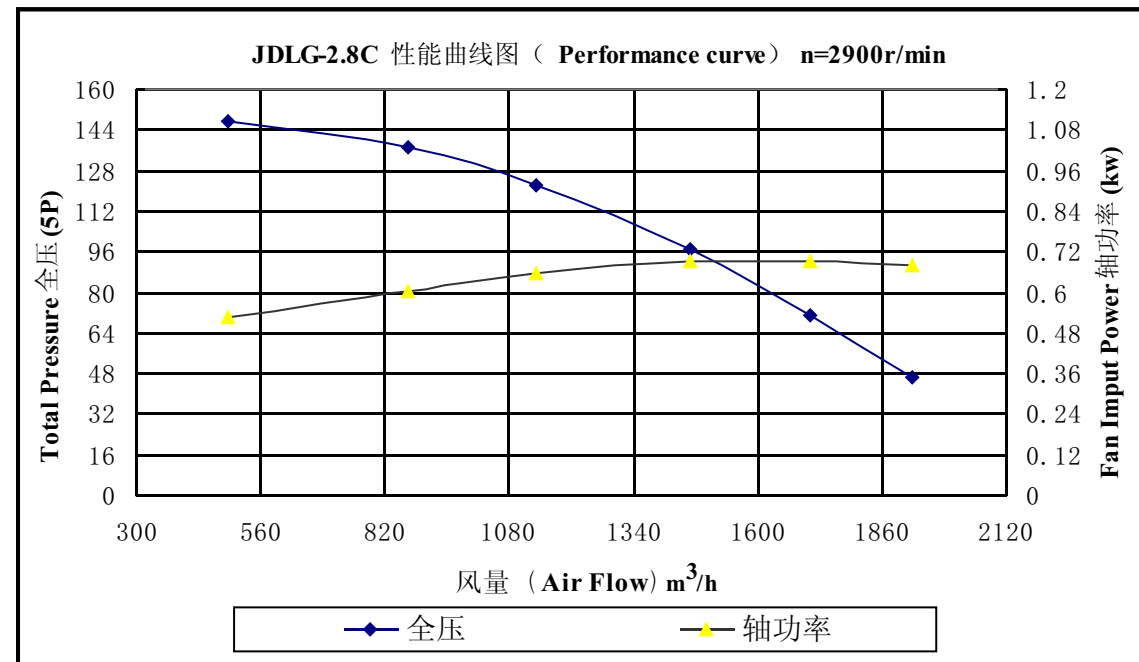
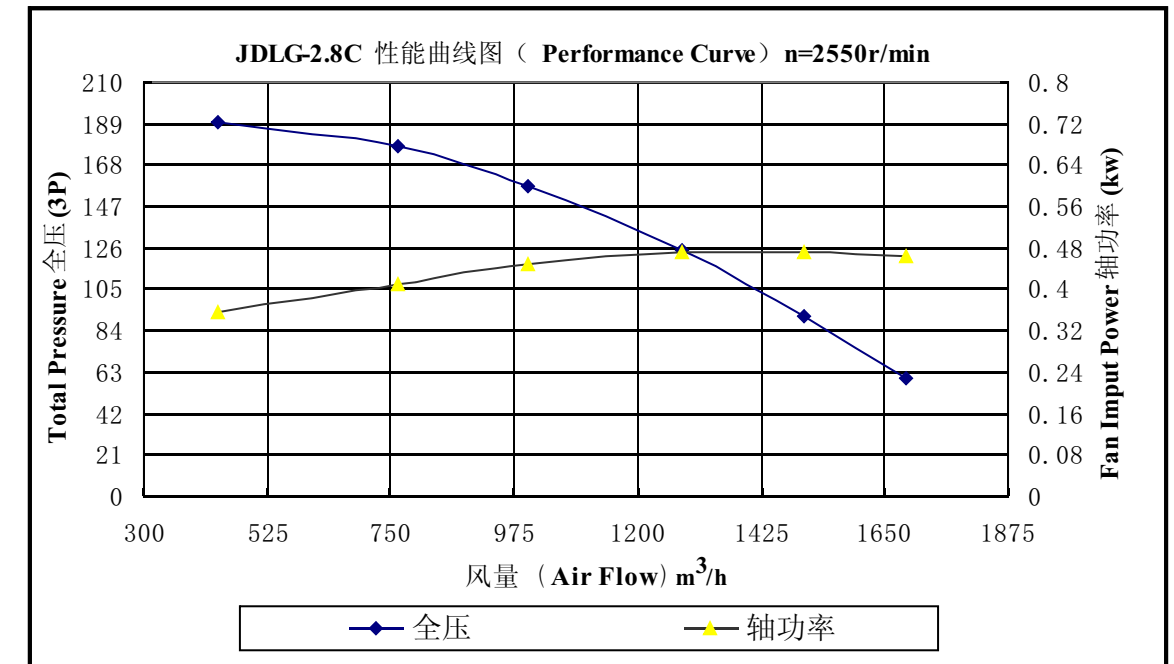
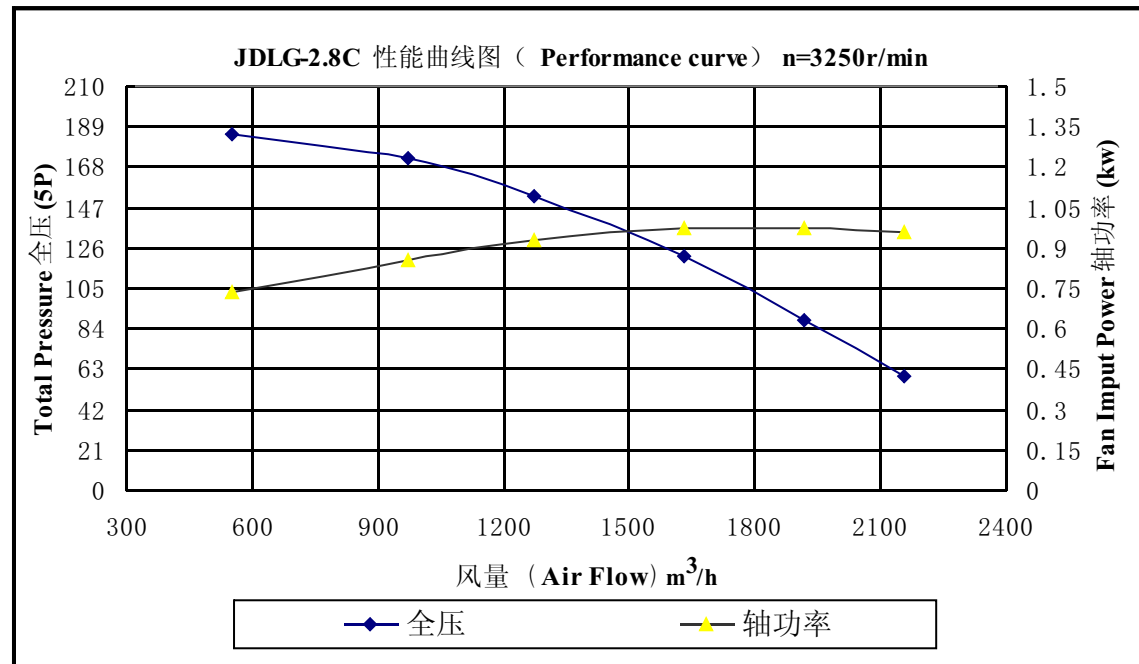
JDLG Series Performance Parameter Table

风机型号 Fan type	转速 Speed (r/min)	风量 Flow Rate (m³/h)	全压 Total Pressure (Pa)	轴功率 Fan input power (kW)	配用电动机 Corollary motor		进口总声功 率级 Inlet Sound Power Level (dB)	出口总声功 率级 Outlet Sound Power Level (dB)	重量 Weight (kg)
					型号 Model	功率 Power (kw)			
6C	1450	8484	347	2.960	Y132S-4 (B3)	5.5	104	111	210
		7417	482	2.940					
		6393	593	2.900					
		5292	699	2.781					
		4190	782	2.566					
		3210	823	2.399					
	1000	5851	165	0.971	Y90L-4 (B3)	1.5	94	103	210
		5115	229	0.965					
		4409	282	0.951					
		3649	333	0.912					
		2890	372	0.842					
		2214	392	0.787					
	710	4154	83	0.347	Y90S-6 (B3)	0.75	86	91	210
		3632	115	0.345					
		3131	142	0.340					
		2591	168	0.327					
		2052	187	0.301					
		1572	197	0.282					

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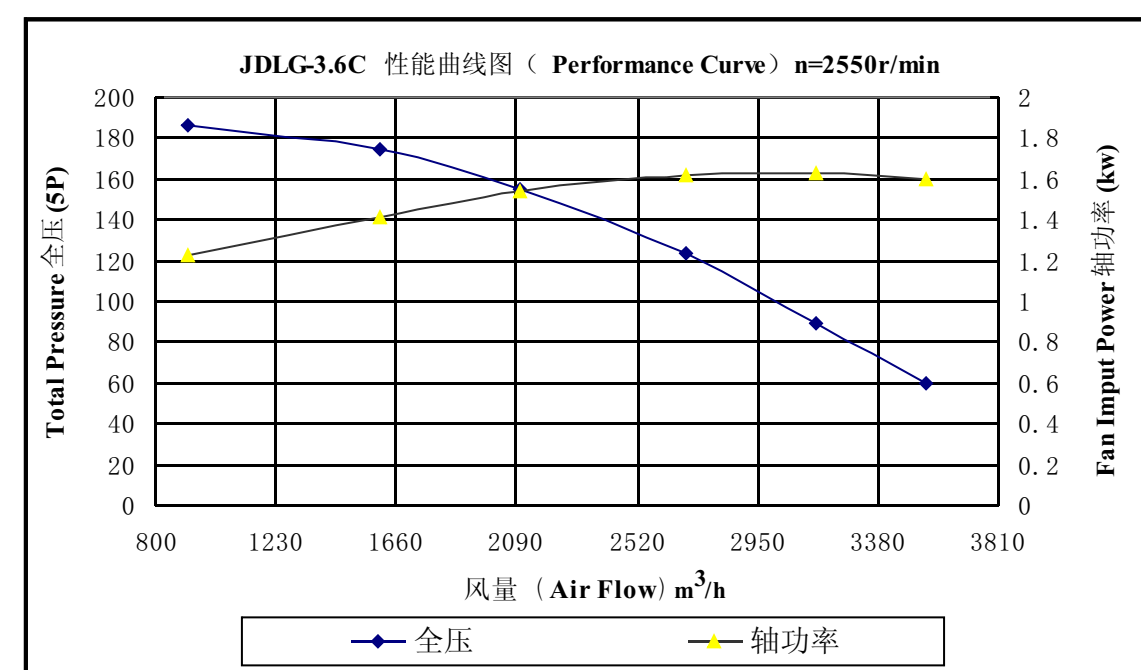
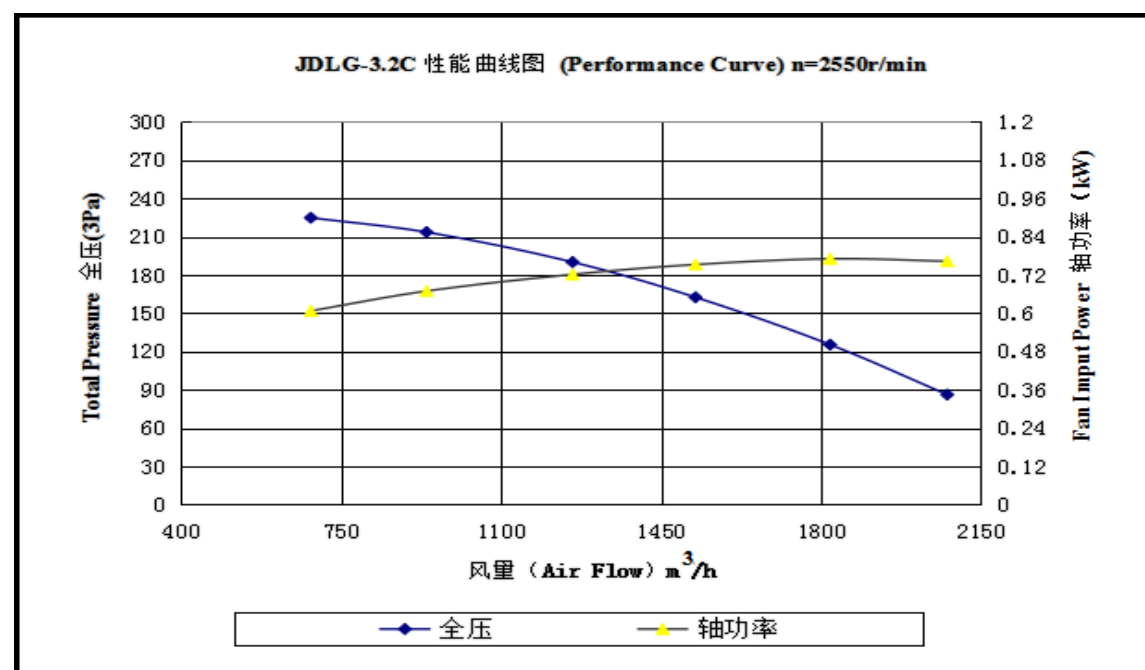
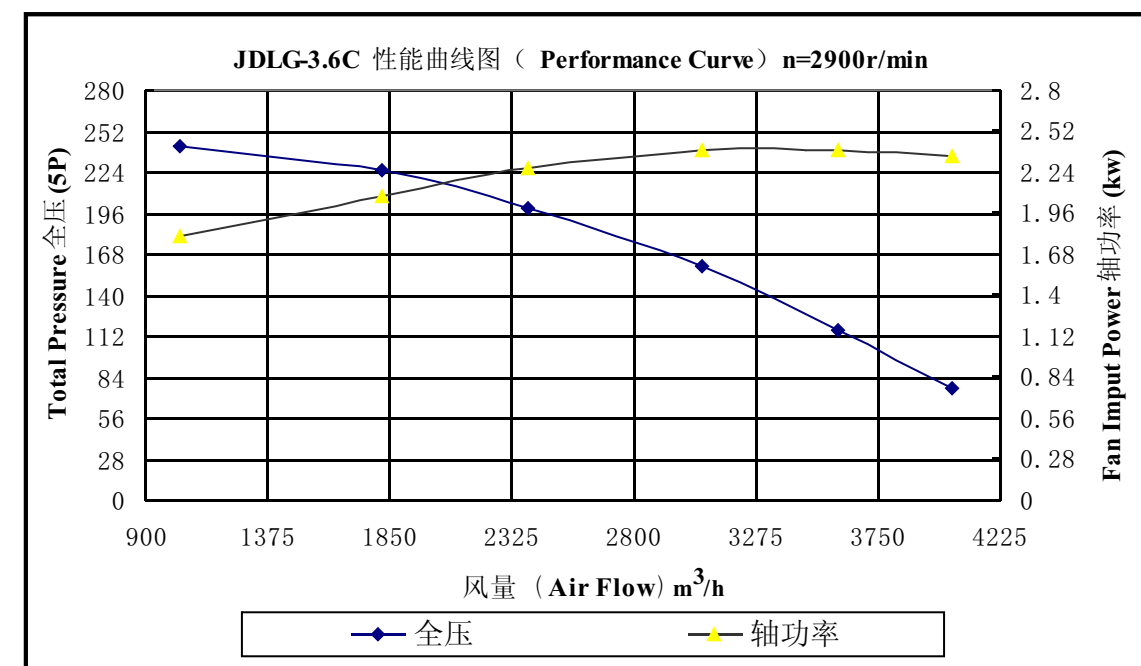
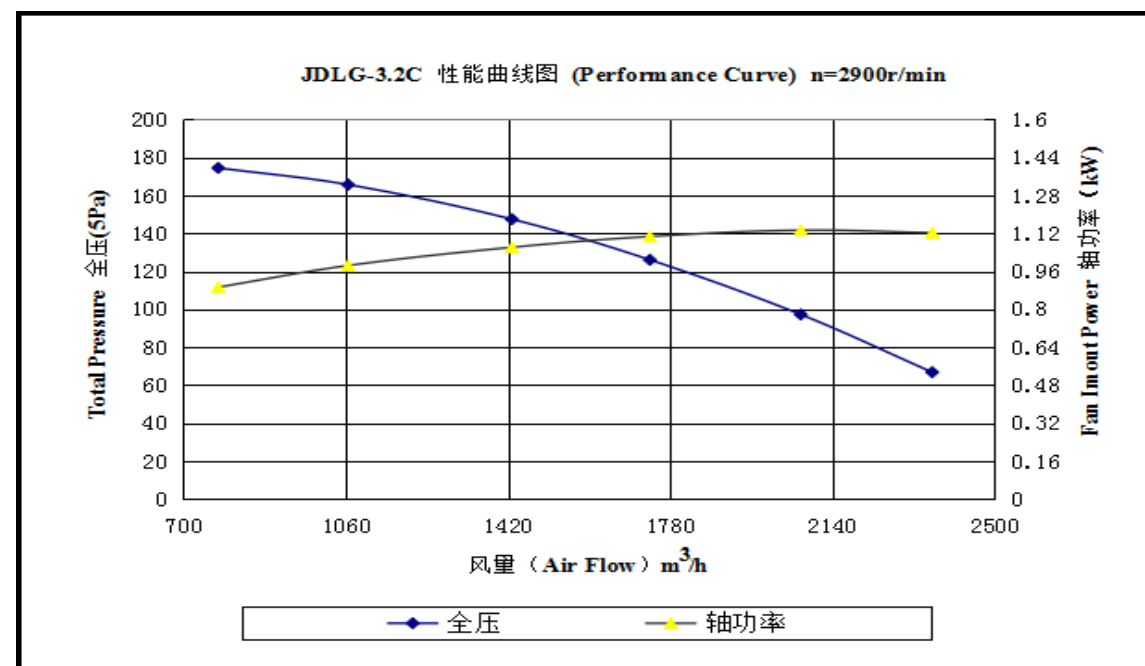


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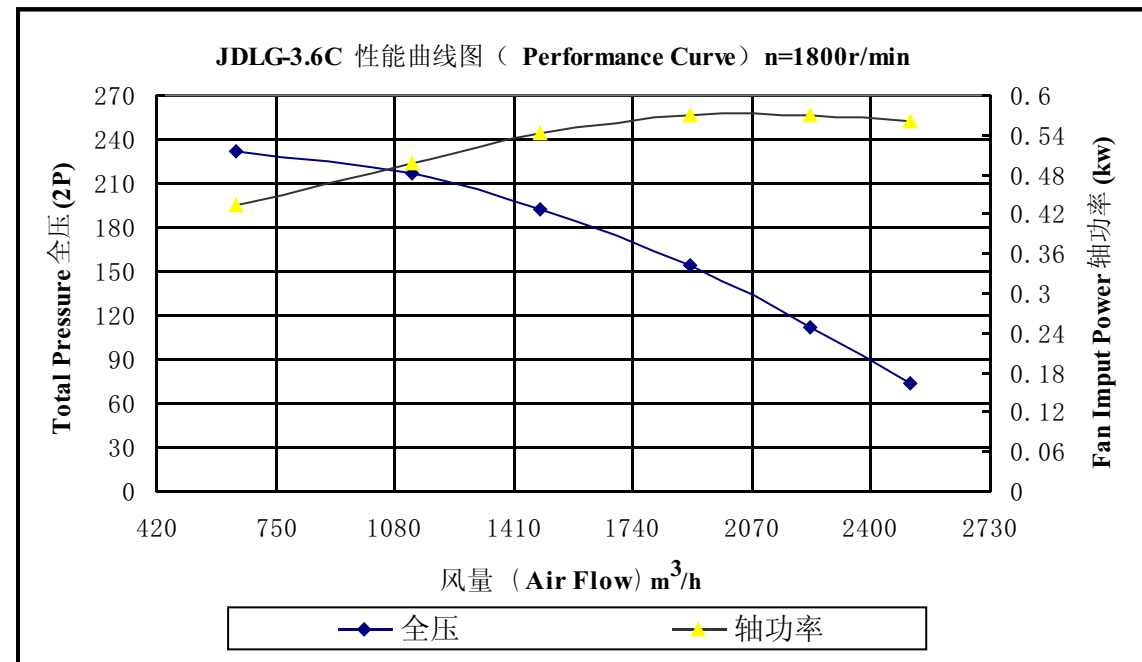
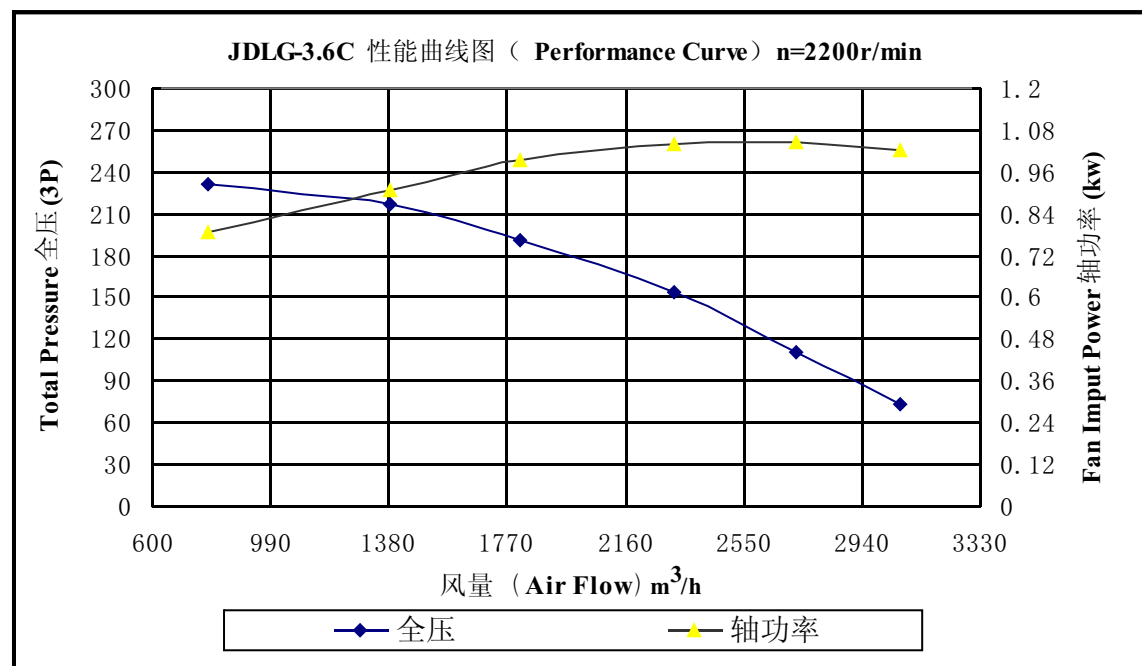


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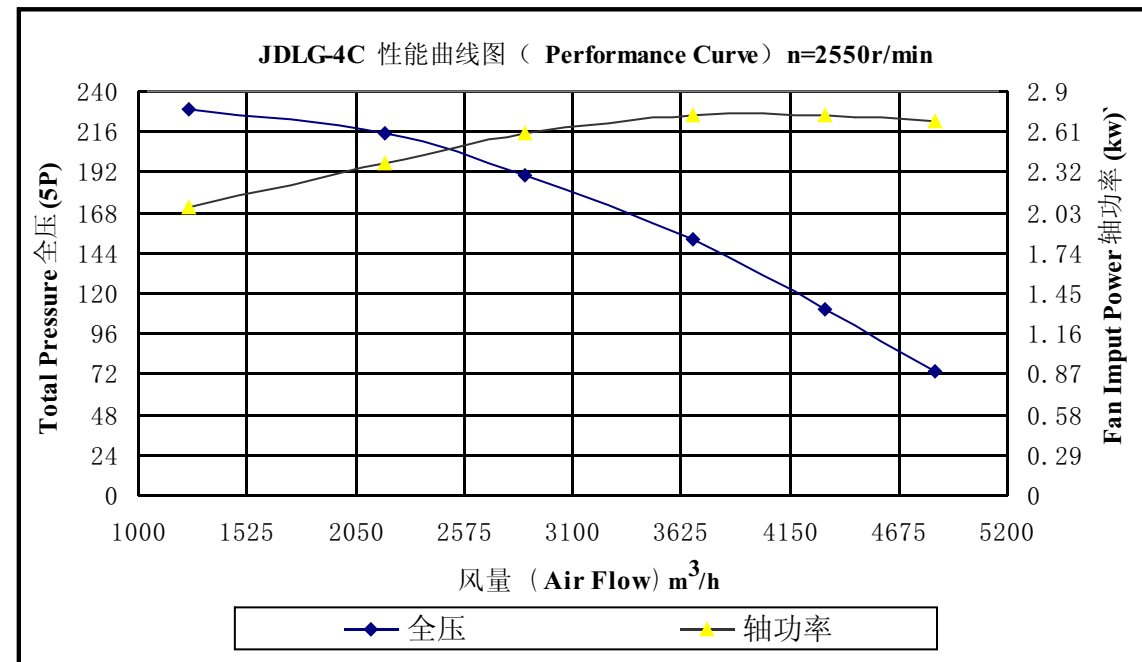
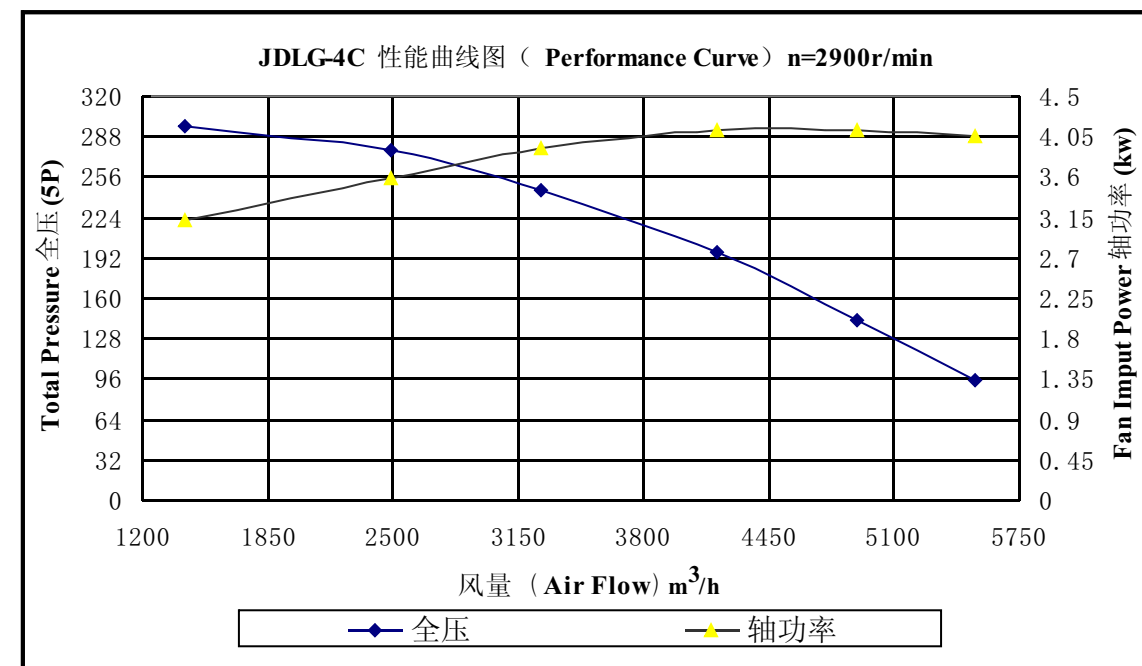
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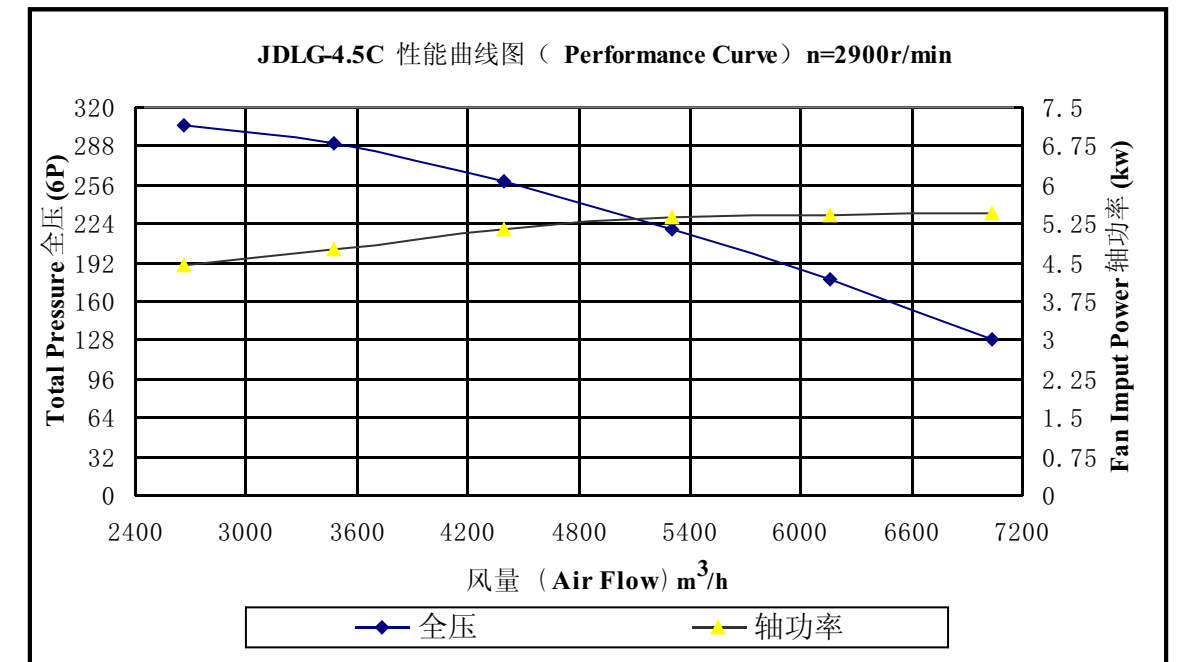
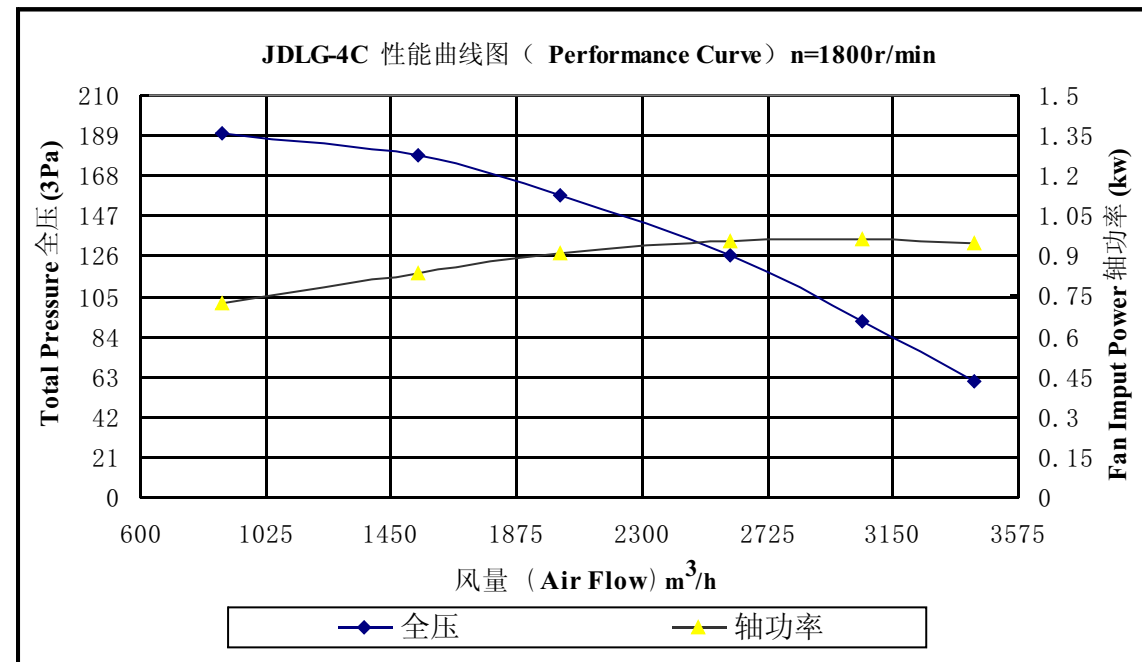
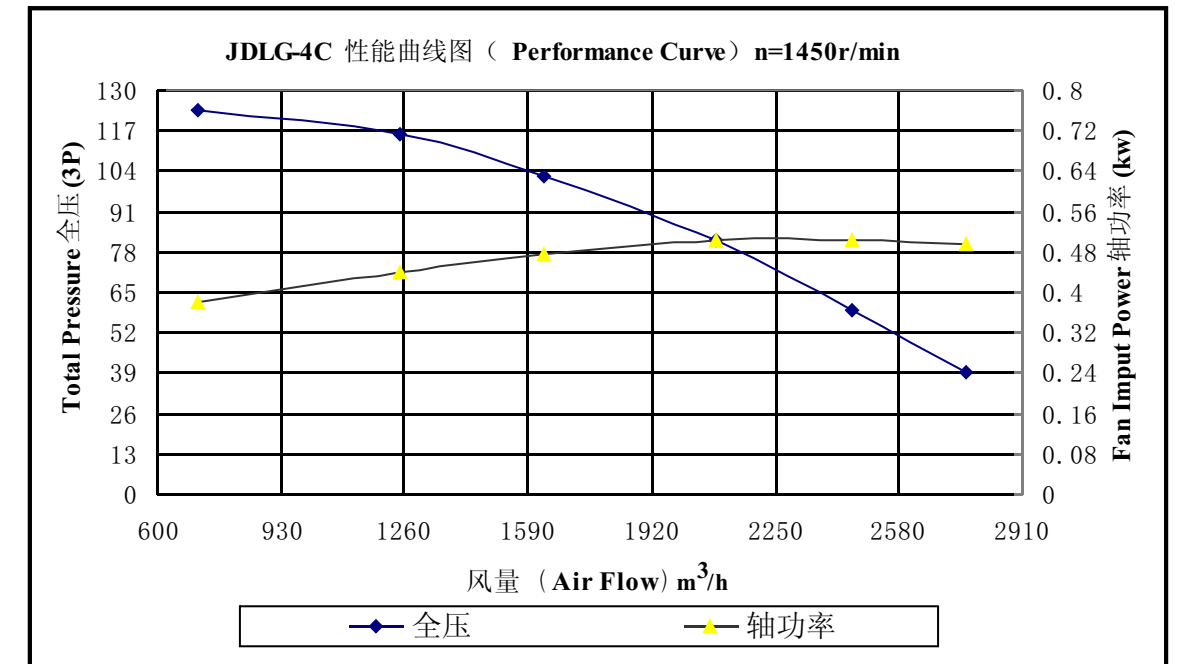
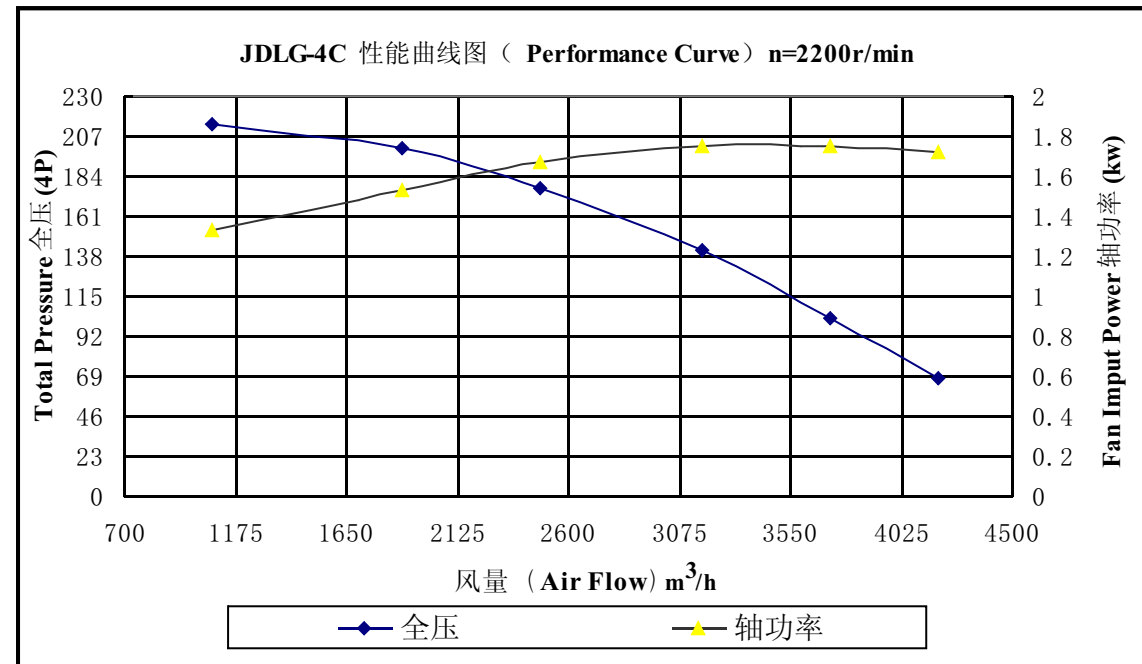
功率额定值千瓦(kW)不包括传输(动)损失。各项性能额定值不包括附属物(附件)的影响。经认证的性能是B类安装-自由入口, 管道出口。

Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). Performance certified is for installation type B-Free inlet, Ducted outlet.



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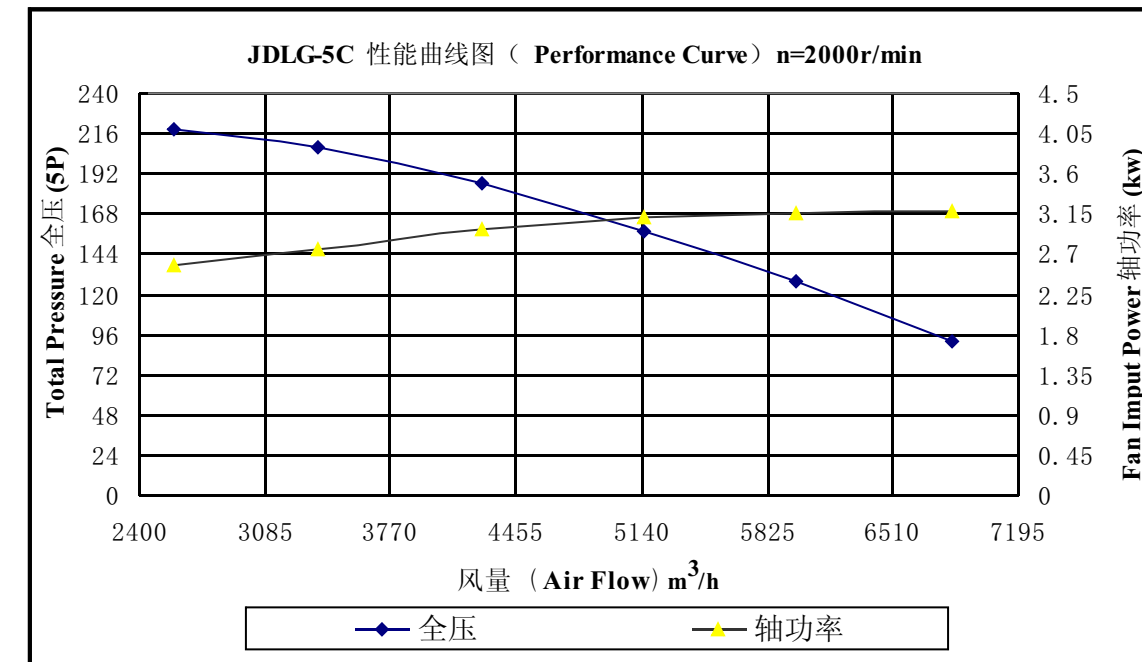
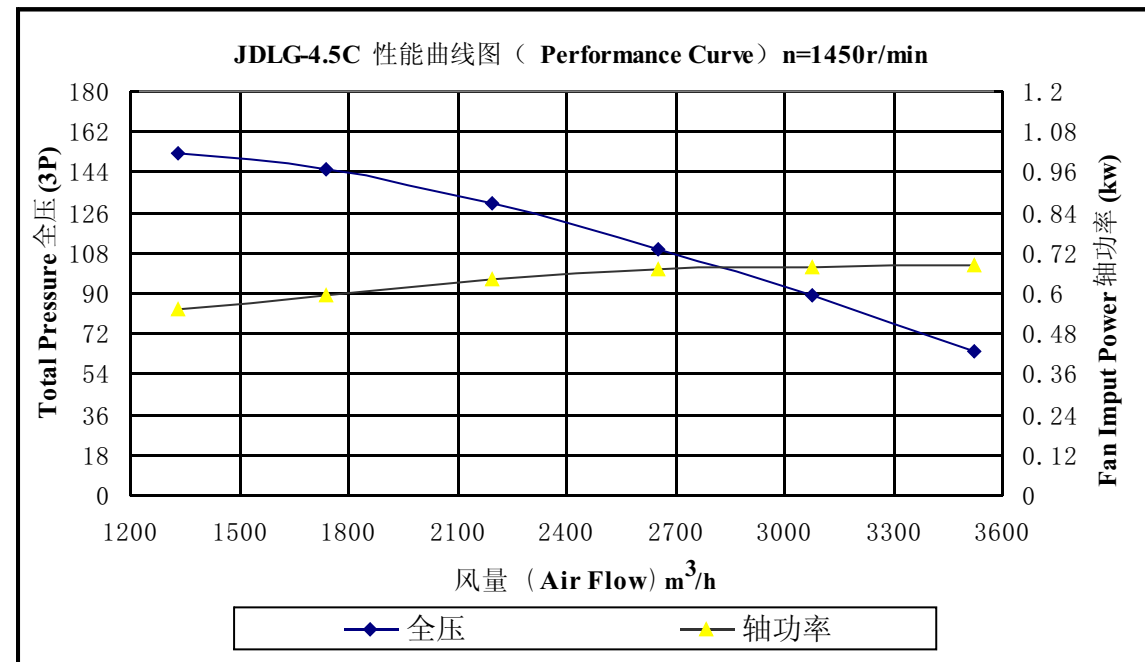
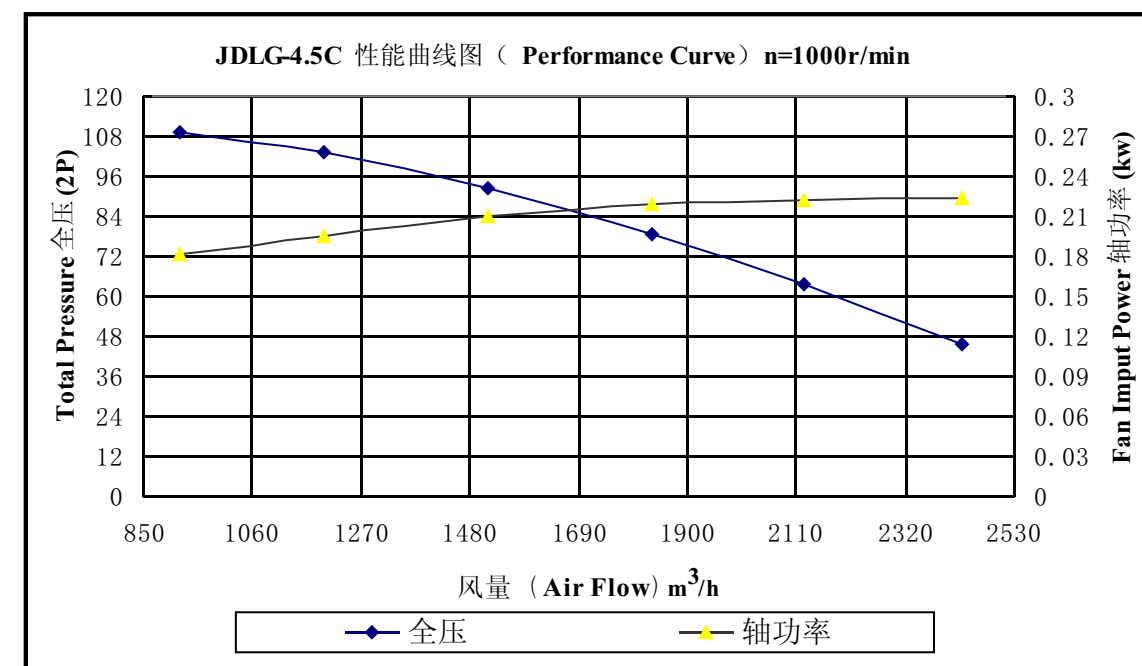
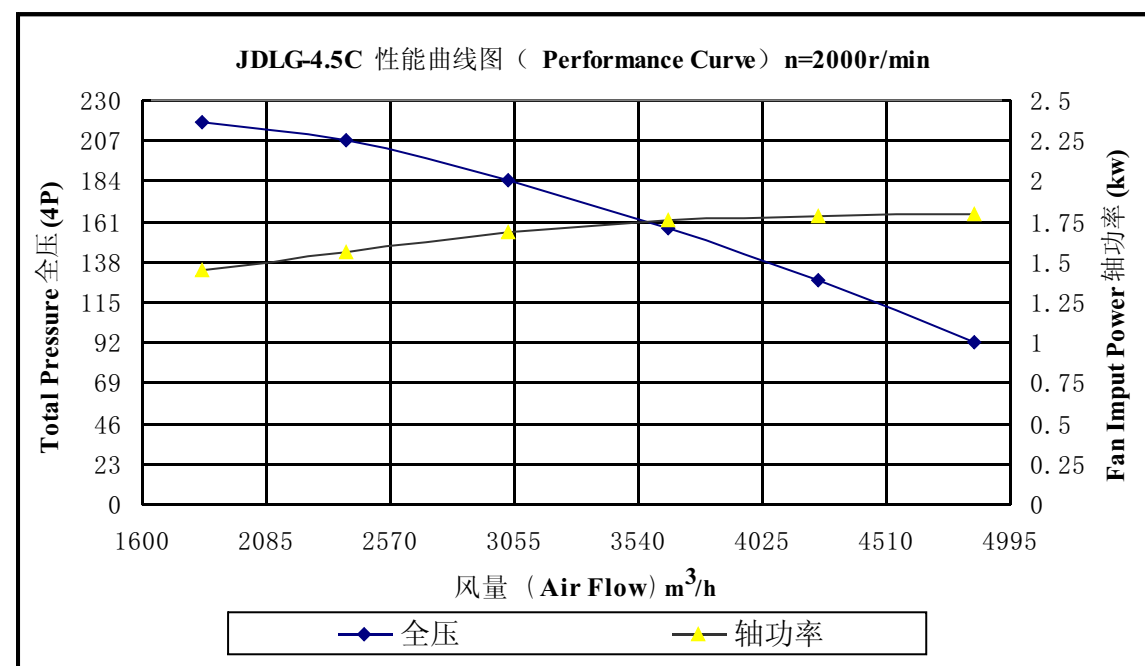


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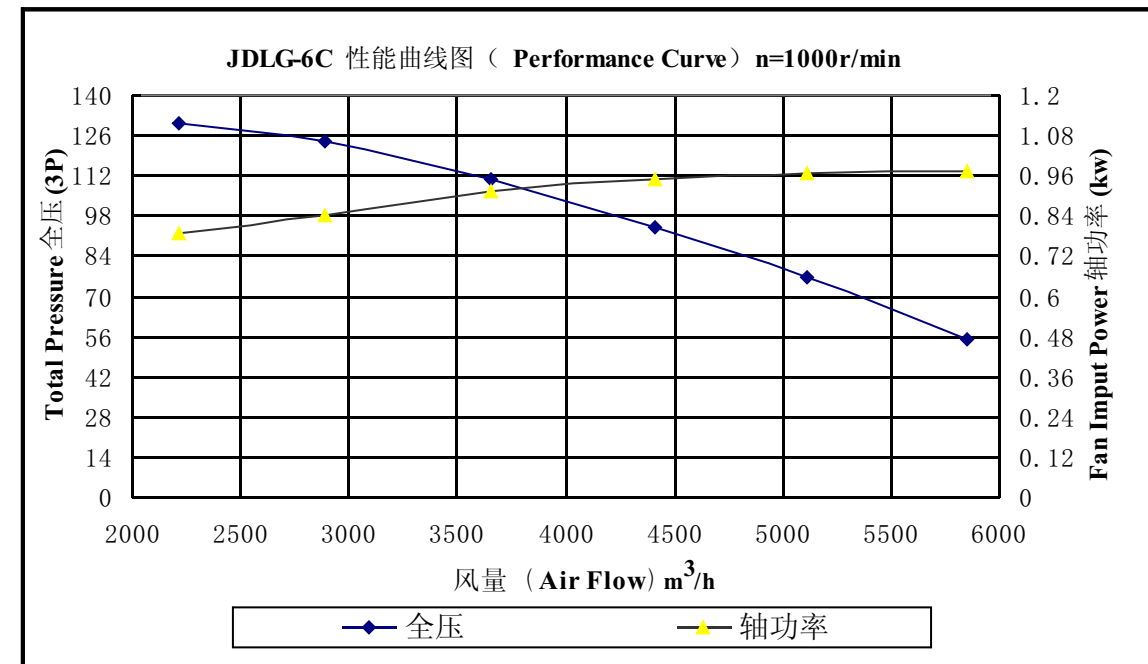
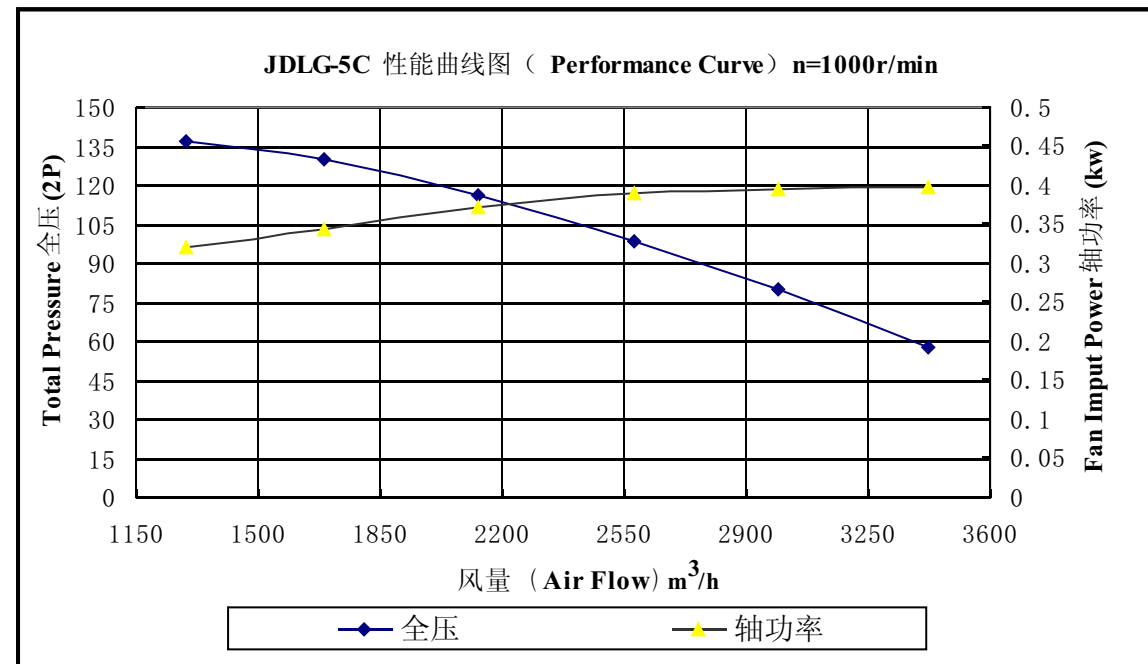
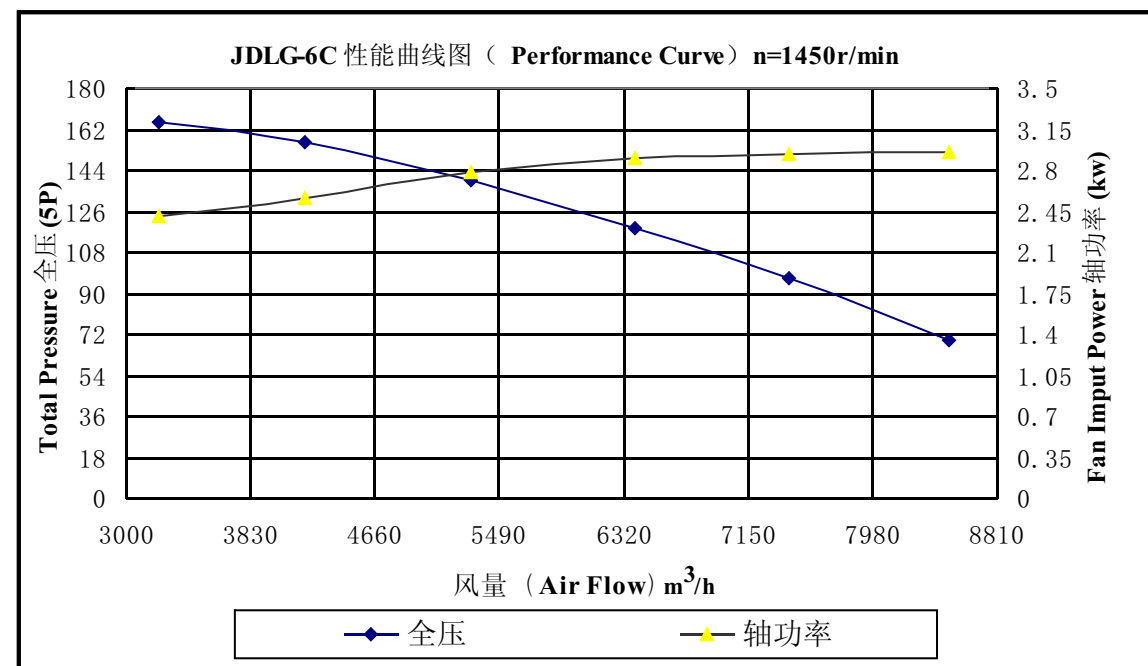
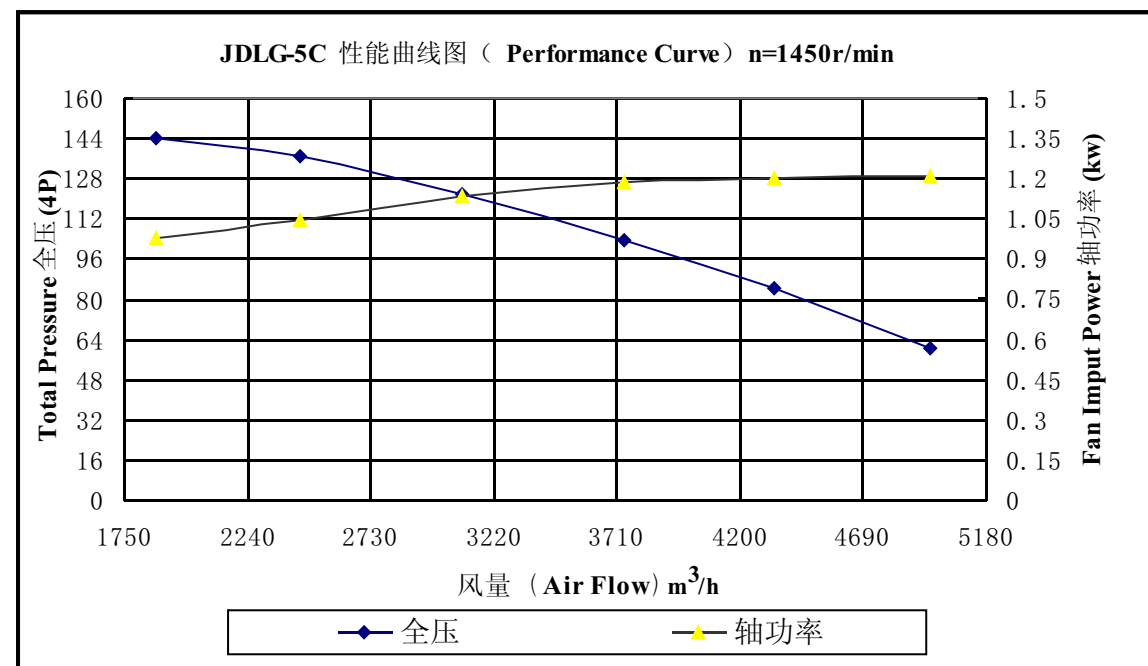


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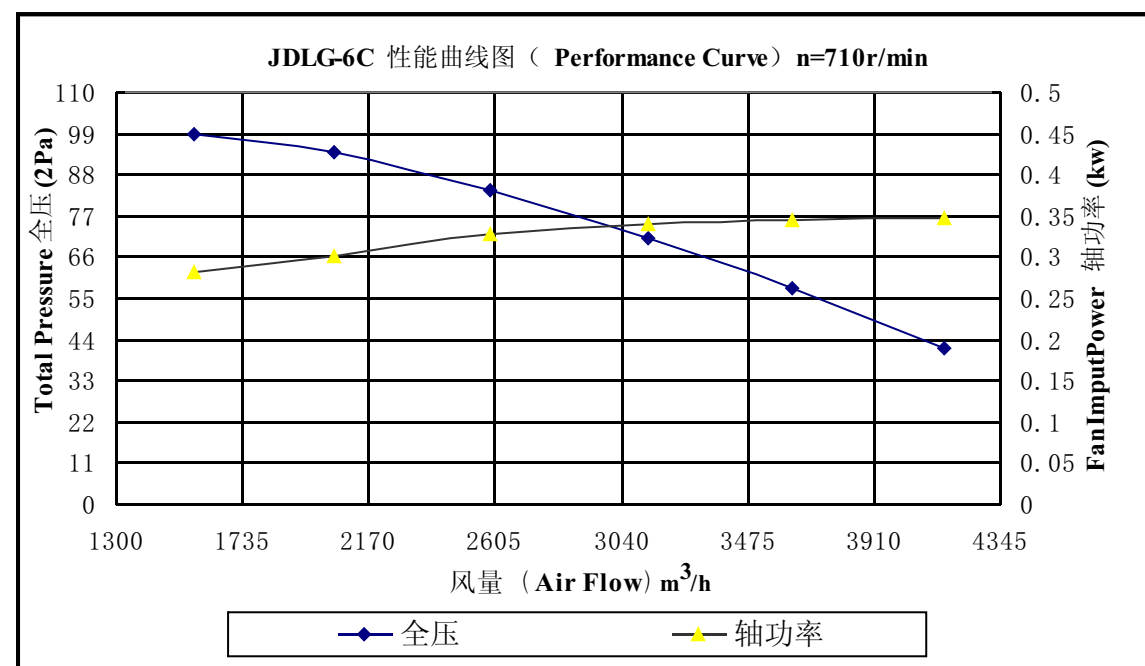


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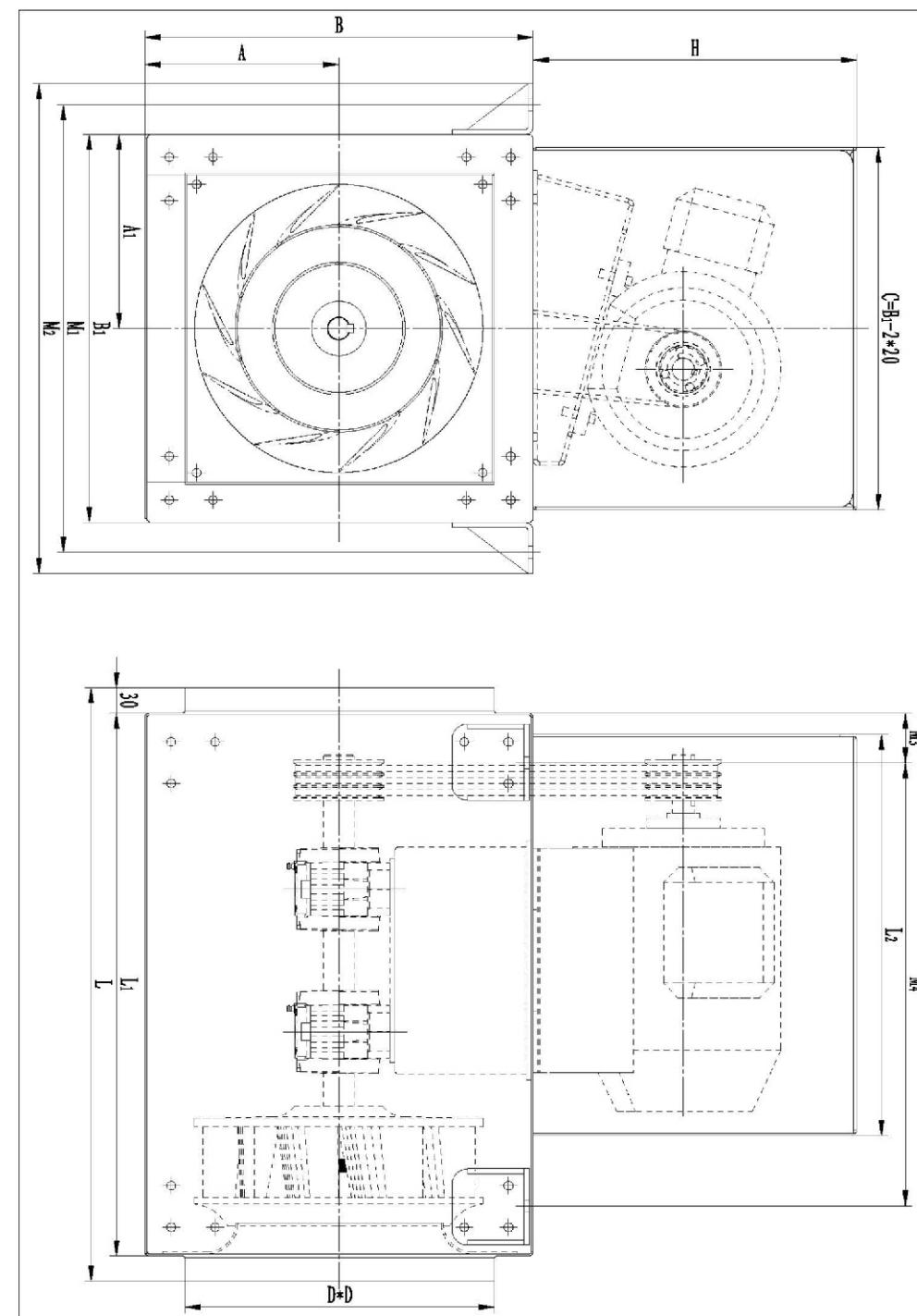
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JDLG系列离心管道风机安装及外形尺寸 (JDLG Series Installation and Dimensions of Inline Centrifugal Fan)											
	A	B	C	D	M ₁	M ₂	M ₃	M ₄	L ₁	L ₂	L
2.8	192.5	385	345	302	465	515	50	430	530	a+40	590
3.2	220	440	400	345	520	570	50	510	614	a+40	674
3.6	247.5	495	455	388	575	625	50	580	679	a+40	759
4	275	550	510	431	630	680	55	680	783	a+40	843
4.5	309.5	619	579	485	699	749	65	720	848	a+40	948
5	344	688	648	539	768	818	65	830	954	a+40	1054
6	412.5	825	785	647	905	955	80	1000	1164	a+40	1264
注：风机可为吊式安装，亦可为卧式安装，安装尺寸可根据实际需要调整，其中L2尺寸中a代表使用电动机总长。 Note:fan installation can be lifting or horizontal type,and the installation demensions should be ajusted according to actual need.In demension "L2","a"means the total lenth of the motor.											