

DDM Series Centrifugal Blower

Professional HVAC Fan & Motors Manufacturer



Type Code

DDM 8 - 8 I



Type

Width of Impeller

Diameter of Impeller

DDM Series

DDM Series Centrifugal Blower

1.Outline

DDM series centrifugal fan is kind of air-conditioning fan.The impeller of the fan is driven by three phases external motor.It was developed by using high technology and with low noise and compact structure.It was specially designed for the air-conditioning.The flow rate and total pressure range of this series fan is from 1000m³/h to 20000m³/h and 200Pa to 850Pa.It is the ideal equipment for air-conditioning and other kind of ventilator system.

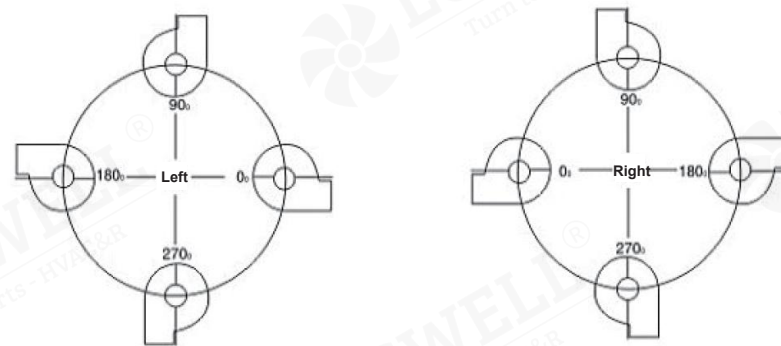
2.Type of Product

(1) Direction of Rotation

DDM Series ventilator can be divided into two direction of rotations,left-hand rotation(LG) and right hand rotation (RD);Viewing from motor outlet terminal,if the impeller rotates clockwise,it is called right hand ventilator;If the impeller rotates anti-clockwise,it is called left hand ventilator.

(2) Direction of Air Outlet

According to Fig 1,DDM Series ventilator can be made in four air-outlet directions:0°,90°,180°,270°



(Fig 1)

3.Construction of Product

DDM Series ventilator consists of scroll,impeller,baseplate (frame),motor,shaft sleeve and air outlet flange.

(1) Scroll

The scroll is made of high quality hot-galvanizing steel sheet.The side plates take the shape according to aerodynamics and make the ventilator volume minimum.On the air inlet of side plate there is an air-inlet to make the air stream enter the impeller without loss.The snail plate is fixed on the side plates by way of spot welding or biting as a whole.On the side plate of the scroll there are a series of holes drilled in advance for riveting nuts to carry out installation according to air outlet direction needed by the customer.

(2) Impeller

The impeller is made of high quality hot galvanizing steel sheet and is designed to a special configuration according to aerodynamics to make the efficiency highest and the noise lowest.The impeller is fixed on the middle disk plate and on the end ring with riveting grippers.The impeller has enough rigidity during continuous rotation with maximum power.Before leaving factory,all impellers have passed all-round dynamic balance test according to the Company Standard which is higher than National Standard.

(3) Baseplate(Frame)

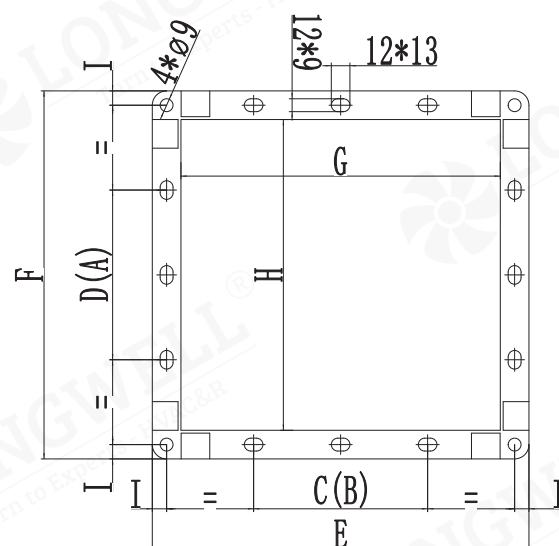
DDM Series ventilator baseplate is made of high quality hot galvanizing steel sheet.The direction of baseplate installation can be carried out according to the different requirements of customers. Over DDM12-12 ventilator frame is made of angle steel and flatsteel.On four sides of the frame there are holes drilled for installation to meet customers requirements in different installation directions.

(4) Motor

The motor used in DDM series fans are low noise three phase asynchronous motors with external rotors.The impeller is installed on the external casing of the motor.The motor rotation speed can be changed by using provided with three-phase voltage regular,silicon controlled.Voltage regulator, frequency converter and etc,to satisfy changeable load in system.

(5) Flange

The flange is made of hot galvanizing angle steel.The connection of angle steel straps and the connection between flange and scroll are carried out by using TOX non-welding technology,thus obtaining fine appearance,enough rigidity and strength.The dimensions and type of flange are shown in Fig 2.



Note:the size in mm

Type	8-8I	9-9I	9-9II	10-10I	10-10II	11-11I	11-11II	12-12I	12-12II	14-14I	14-14II	16-16I	16-16II	18-18I	18-18II	20-20I	20-20II
A	121.5	138	153	149.5	159	160	188	/	/	/	/	/	/	/	/	/	/
B	118.5	132	132	145.5	145.5	162.6	162.5	/	/	/	/	/	/	/	/	/	/
C	/	/	/	/	/	/	/	140	140	140	140	140	140	170	170	170	170
D	/	/	/	/	/	/	/	140	140	140	140	140	140	170	170	170	170
E	263	296	326	319	338	340	396	394	456	431	487	475	516	525	586	564	656
F	257	284	284	311	311	345	345	394	394	431	431	475	475	525	525	564	562
G	223	256	286	279	298	300	356	338	400	375	375	419	419	470	469	508	506
H	217	244	244	271	271	305	305	338	438	375	375	419	419	470	469	508	506
I	10	10	10	10	10	10	10	13	13	13	13	13	13	13	13	13	13

(Fig 2)

4.Performance of Ventilator

(1) The ventilator performance in this catalogue denotes the performance in standard conditions.

It denotes air inlet conditions of ventilator as follows:

Air inlet pressure Pa =101.325KPa Air temperature t = 20°C

Inlet gas density ρ= 1.2Kg/ms

If the practical air inlet conditions of customer or the speed of the operating ventilator changes, the conversion can be carried out according to the following expression:

$$\frac{Q_s}{Q_0} = \frac{n'}{n}$$

$$\frac{P_s}{P_0} = \frac{n'^2}{n^2} \cdot \frac{\rho'}{\rho}$$

$$\frac{N_{in_s}}{N_{in_0}} = \frac{n'^3}{n^3} \cdot \frac{\rho'}{\rho}$$

$$\frac{P_s}{P_0} = \frac{n'^2}{n^2} \cdot \frac{Pa'}{Pa} \cdot \frac{273+t}{273+t'}$$

$$\frac{N_{in_s}}{N_{in_0}} = \frac{n'^3}{n^3} \cdot \frac{Pa'}{Pa} \cdot \frac{273+t}{273+t'}$$

where:

- Volume Qo(m³/h),total pressure Po(Pa),speed n(r/min),and Nino(kw) can be obtained from Performance chart.

- Asterisk (*) on the upper right corner denotes the performance parameter needed by the customers in practical gas inlet conditions.

- The difference in relative humidity is omitted from the above-mentioned formulas.

The performance of the sample ventilator is tested in accordance with GB1236-2000.Its noise index is measured according to GB2888-1991 at the point 1 metre from the inlet.

Asterisk (*)on the upper right comerdenotes the performance parameter needed by the customers in practical gas inlet conditions.

5.Instructions

(1) Matching electric motor power of ventilator denotes internal power plus safety coefficient of electric motor capacity in special operating condition,it does not denote the power required during full opening of air outlet.Therefore no-load running of ventilator without any applied resistance is strictly prohibited in order to avoid burning out of the motor caused by its operation at over rated power.

(2) This fan is restricted for use in areas where air substances are non-corrosive,non-toxics and non-alkaline or where dust parties<150mg/m³,-10°C<temperature< 40°C.If special conditions during transportation,load and unload,it is strictly prohibited to shock the ventilators.

(3) Prior to installing ventilator,rotate the impeller by hand or stick to check for tightness or impact. If it is ensured that there is no tightness and impact,then the installation can be carried out.

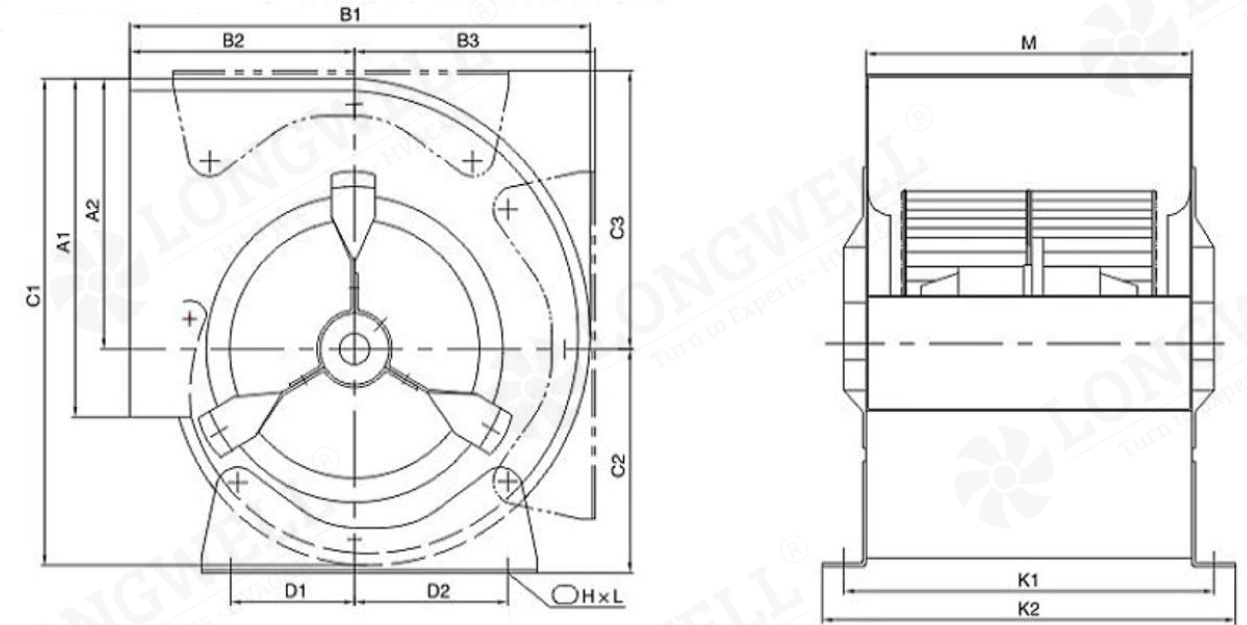
(4) Soft connection between air pipe and ventilator air-inlet and outlet should be made as possible. The joints should not be tightened too much.

(5) After installing,the ventilator,the scroll of ventilator should be inspected.There should not be tools and extra matters remained in the casing.

(6) Prior to official operation of ventilation,it is necessary to check the rotating direction of both motor and ventilator for their coordination.

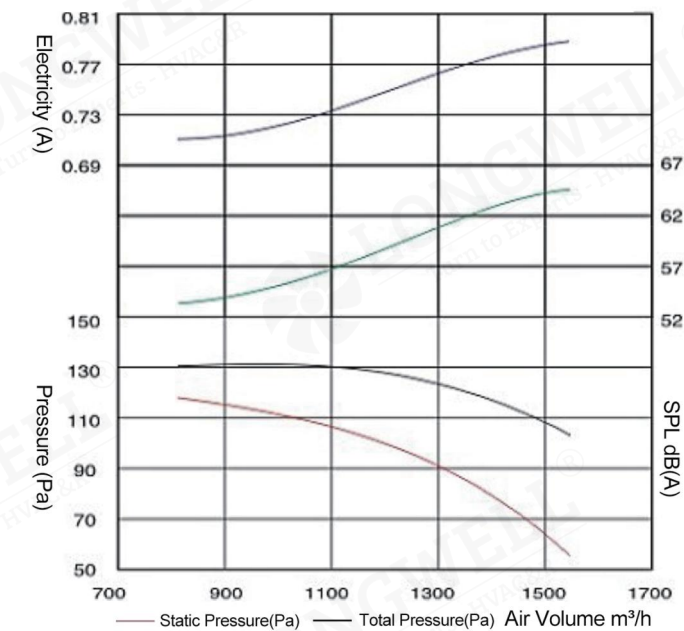
(7) During ordering it is necessary to state the type of ventilator,speed,air volume,air pressure, direction of air outlet,rotating direction,type of electric motor and its specifications.

DDM8-8 Series



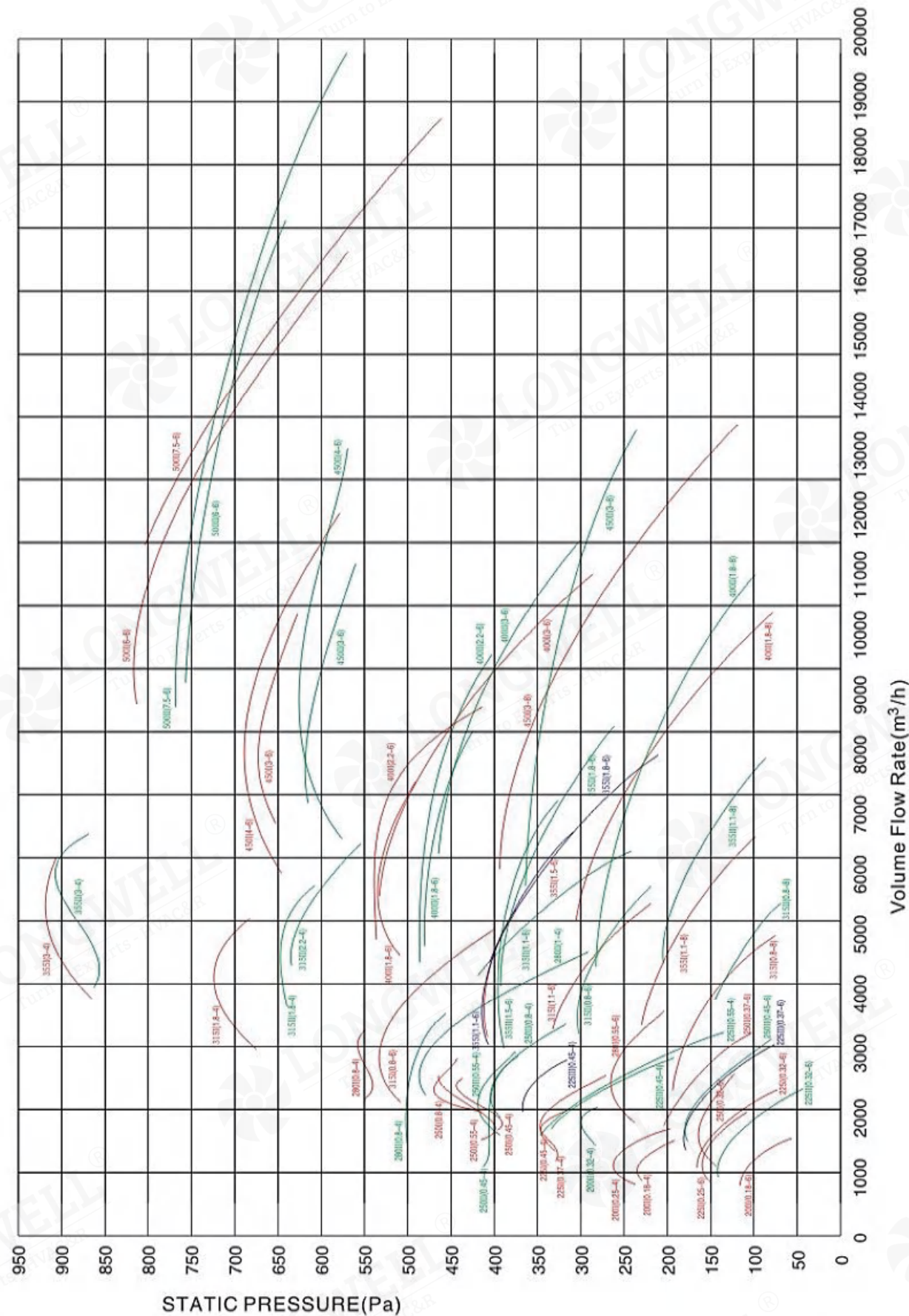
Overall Size and Erection Size

Model	A1	A2	B1	B2	B3	C1	C2	C3	D1	D2	M	K1	K2	H×L
DDM8-8I	219	172	308	154	160	308	140	177	85	105	225	255	285	11×16
DDM8-8II	230	180	317	153	167	328	152	182	81	99	300	333	360	11×16

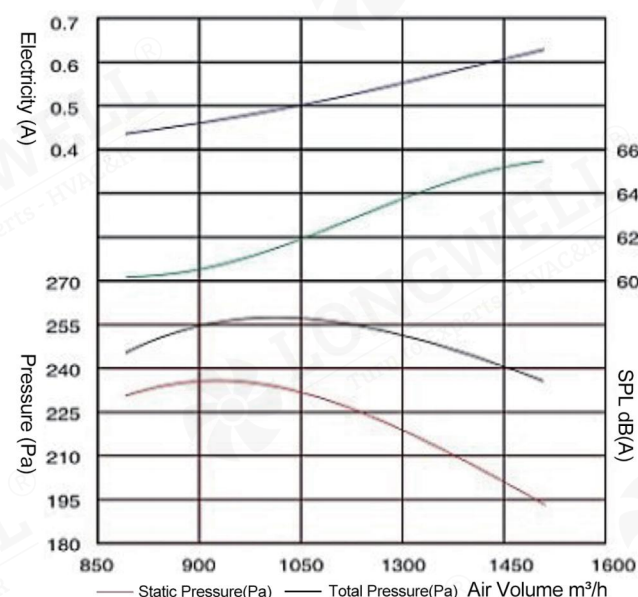


Model	Motor	Weight(kg)	Rate Current(A)
DDM8-8I	0.18KW-6	15	0.84

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
812	130	117	0.71	53.6
1028	132	111	0.72	55.2
1145	128	103	0.74	57.8
1230	125	96	0.76	60.3
1425	116	76	0.77	62.5
1546	103	56	0.79	64.9



DDM8-8 Series

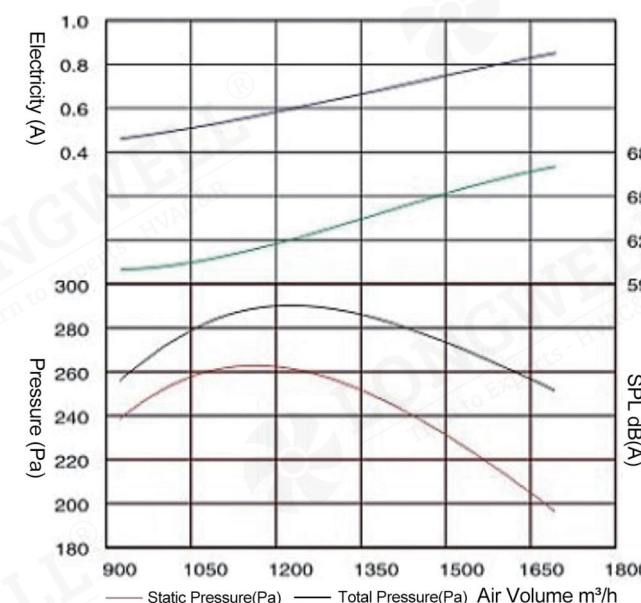
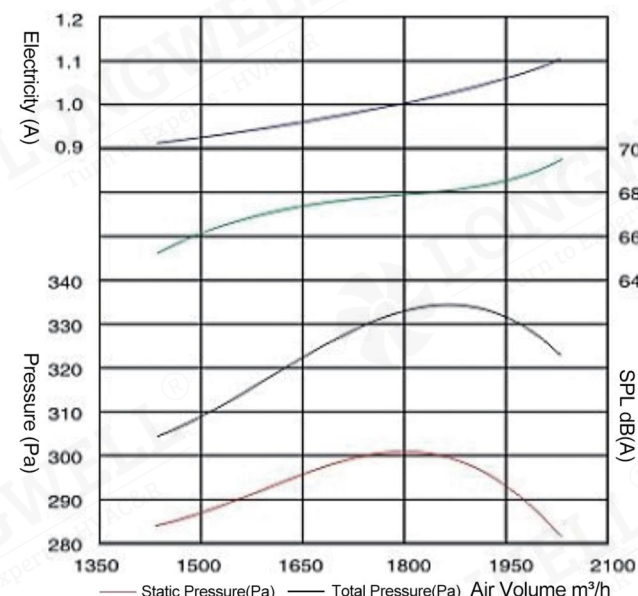


Model	Motor	Weight(kg)	Rate Current(A)
DDM8-8I	0.18KW-4	15	0.64

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
892	244	229	0.44	60.2
984	258	239	0.46	60.5
1088	255	232	0.48	61.2
1236	254	224	0.53	62.9
1374	248	211	0.58	64.6
1509	236	192	0.63	65.5

Model	Motor	Weight(kg)	Rate Current(A)
DDM8-8I	0.25KW-4	15	0.9

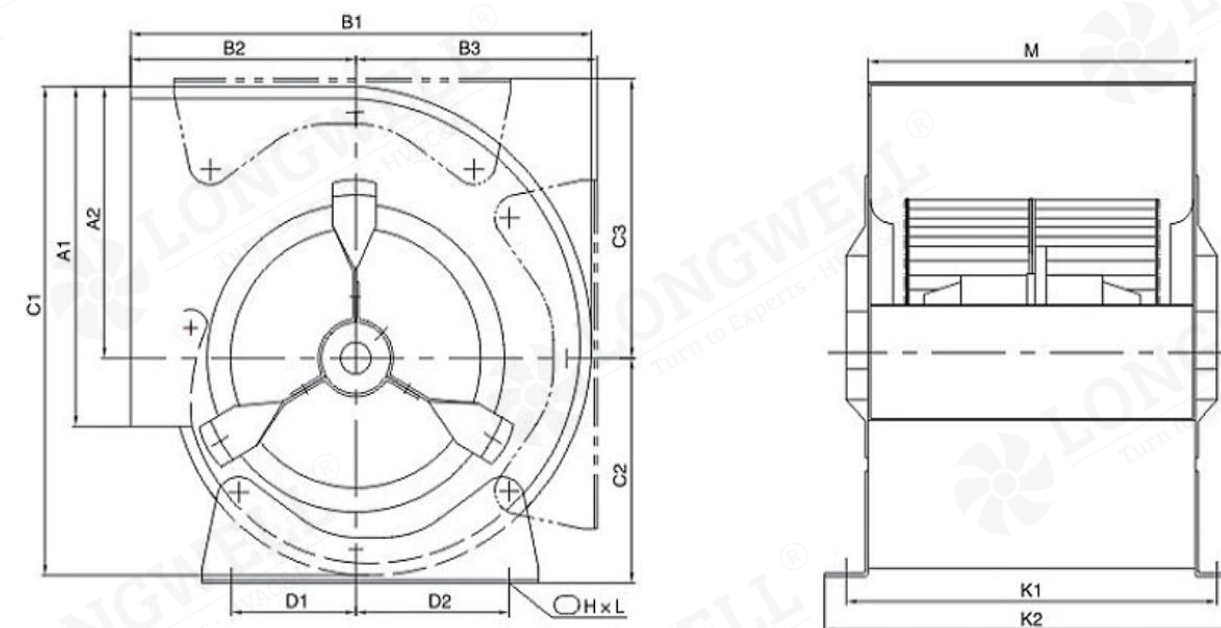
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
924	255	239	0.46	60.1
1190	290	263	0.59	61.6
1257	289	259	0.61	62.5
1485	276	234	0.75	65.0
1695	252	197	0.86	67.1



Model	Motor	Weight(kg)	Rate Current(A)
DDM8-8II	0.32KW-4	15.8	1.05

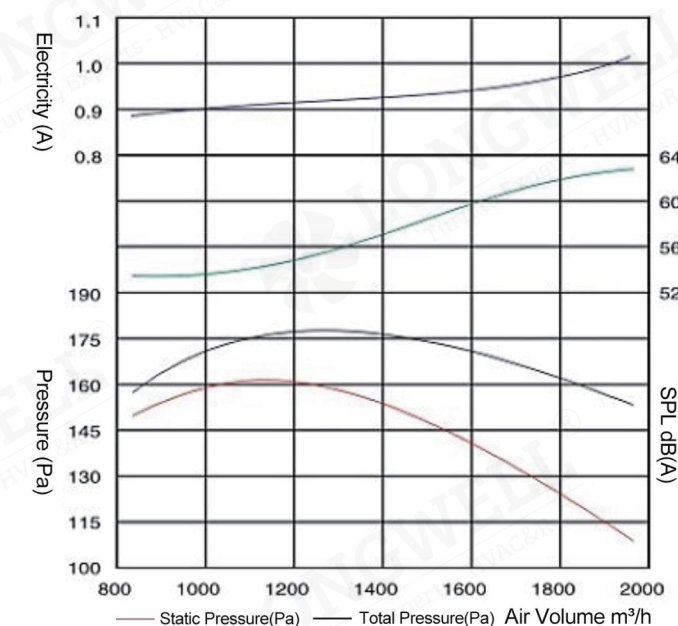
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1435	305	285	0.91	65.2
1536	311	287	0.93	66.5
1712	330	301	0.98	67.7
1958	329	291	1.06	68.6
2032	324	283	1.10	69.5

DDM9-9 Series



Overall Size and Erection Size

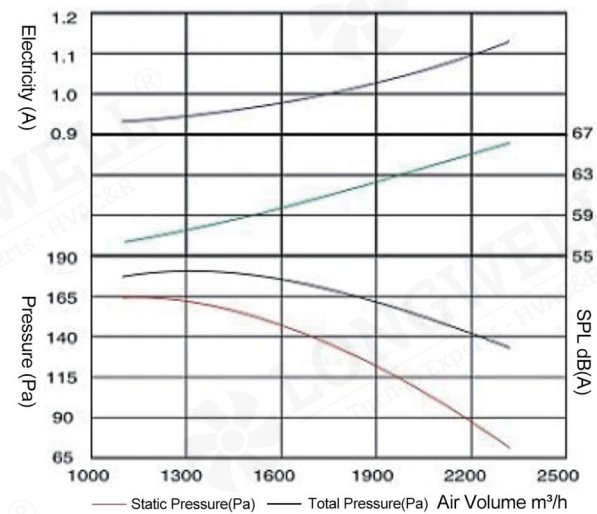
Model	A1	A2	B1	B2	B3	C1	C2	C3	D1	D2	M	K1	K2	HxL
DDM9-9I	246	194	342	169	178	347	158	200	100	120	258	289	319	11x16
DDM9-9II	246	215.5	357	167	193	380	167.6	218.5	100	120	388	319	349	11x16
DDM9-9III	273	215	377	184	200	385	180	220	110	130	300	330	360	11x16



Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9I	0.25KW-6	17.6	1.0

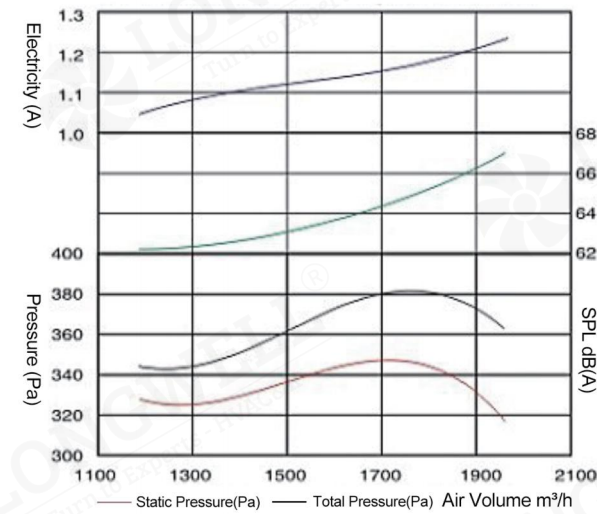
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
837	158	150	0.89	53.6
1302	177	157	0.92	56.0
1717	170	136	0.95	60.5
1794	156	119	0.98	62.3
1964	154	110	1.01	62.8

DDM9-9 Series



Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9I	0.32KW-6	18.9	1.2

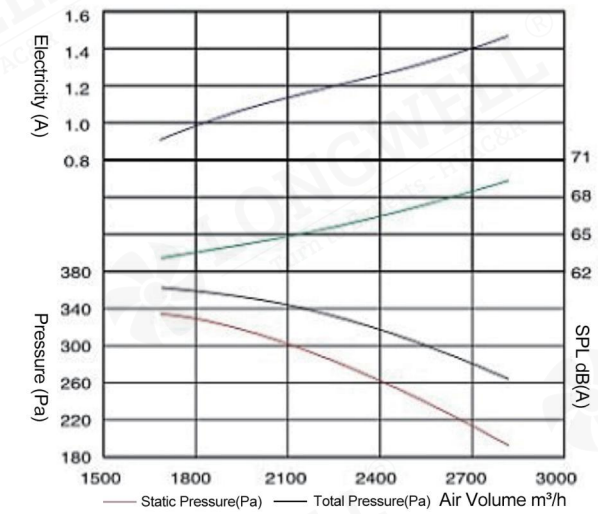
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1103	178	165	0.93	56.5
1347	181	160	0.95	57.5
1694	173	141	0.99	60.8
1933	159	117	1.03	63.1
2184	144	91	1.10	64.2
2325	134	73	1.13	66.3



Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9II	0.37KW-4	17.9	1.22

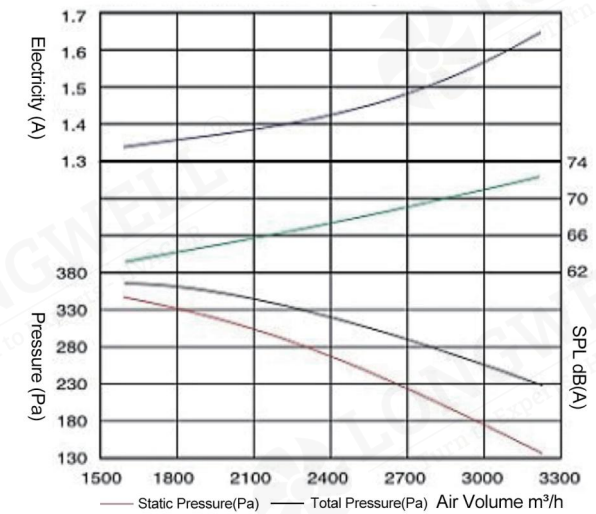
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1189	344	328	1.05	62.2
1438	355	331	1.11	62.8
1763	385	349	1.17	65.0
1867	373	333	1.20	65.7
1965	363	319	1.24	67.0

DDM9-9 Series



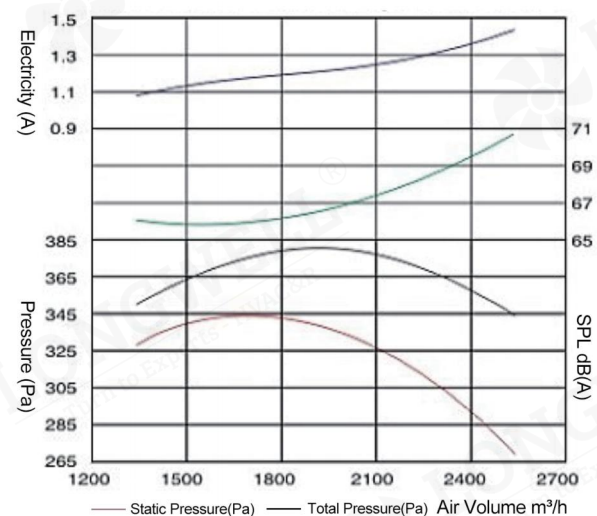
Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9III	0.45KW-4	16.65	1.44

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1689	362	335	0.90	63.2
1836	359	328	1.02	63.6
2257	328	281	1.18	65.7
2579	297	236	1.36	67.6
2819	265	192	1.46	69.3



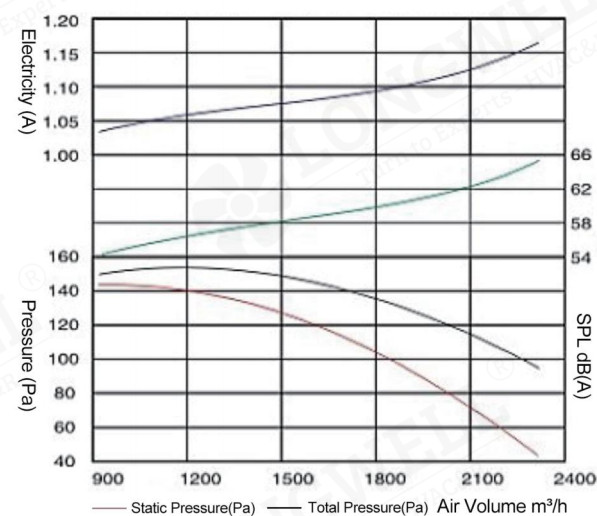
Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9IIII	0.55KW-4	17.8	1.67

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1596	365	345	1.34	63.3
2005	350	313	1.38	65.3
2614	300	237	1.45	68.2
2909	266	188	1.55	70.7
3224	229	133	1.65	72.4



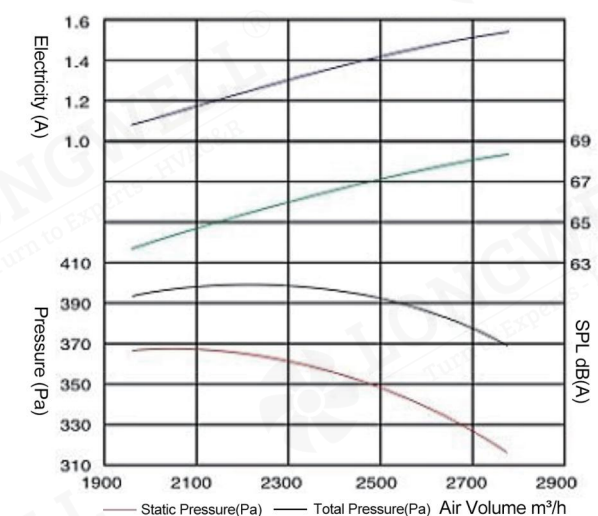
Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9I	0.45KW-4	18.85	1.44

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1341	350	329	1.08	66.1
1920	380	338	1.21	66.2
2154	375	322	1.27	67.9
2334	364	301	1.32	69.4
2541	344	270	1.44	70.8



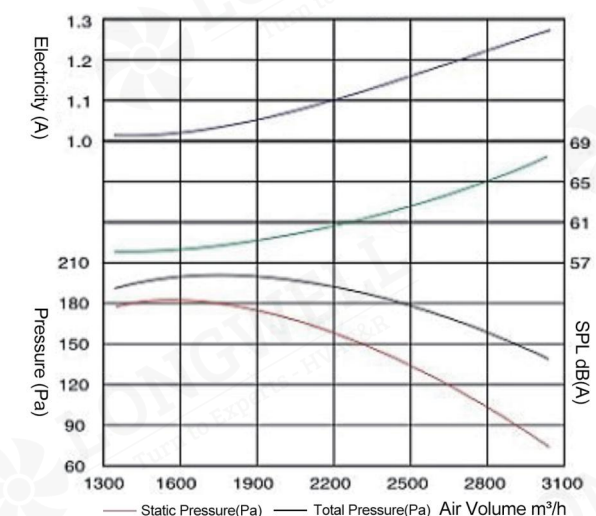
Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9II	0.32KW-6	16.7	1.29

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
921	150	142	1.03	54.2
1285	154	138	1.09	56.6
1524	149	126	1.04	58.5
1737	137	108	1.10	59.5
2133	113	69	1.14	62.5
2322	95	43	1.16	65.5



Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9III	0.45KW-4	18.35	1.44

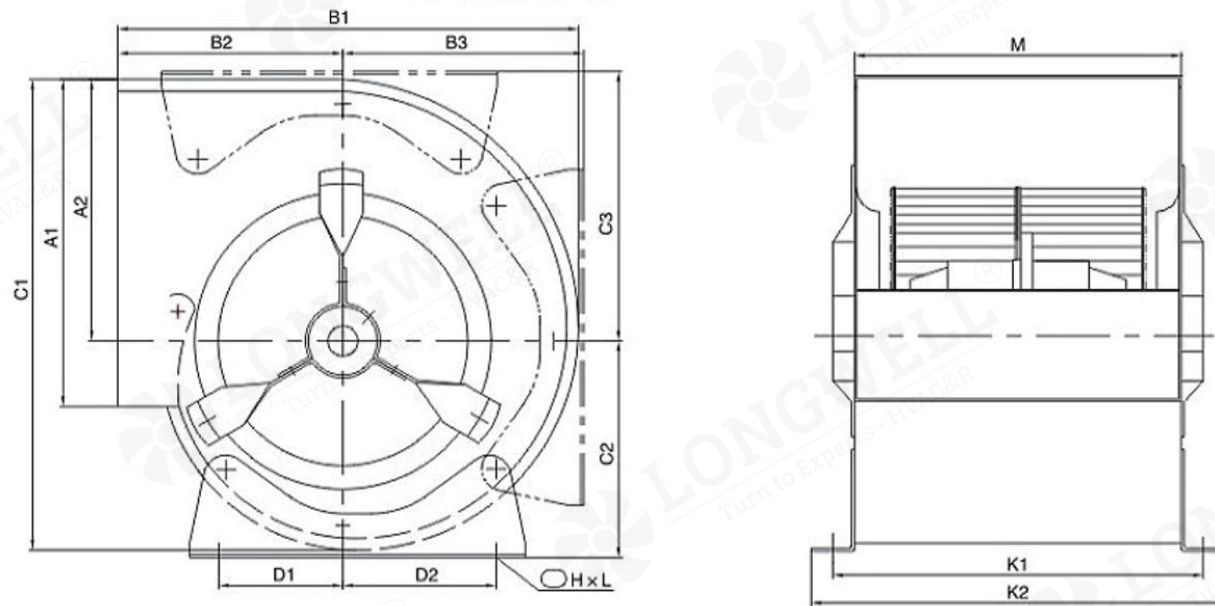
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1961	394	366	1.12	63.9
2140	399	367	1.18	64.5
2362	397	358	1.26	66.8
2502	391	347	1.31	67.3
2673	381	331	1.38	67.6
2775	370	316	1.44	68.6



Model	Motor	Weight(kg)	Rate Current(A)
DDM9-9IIII	0.37KW-6	18.4	1.4

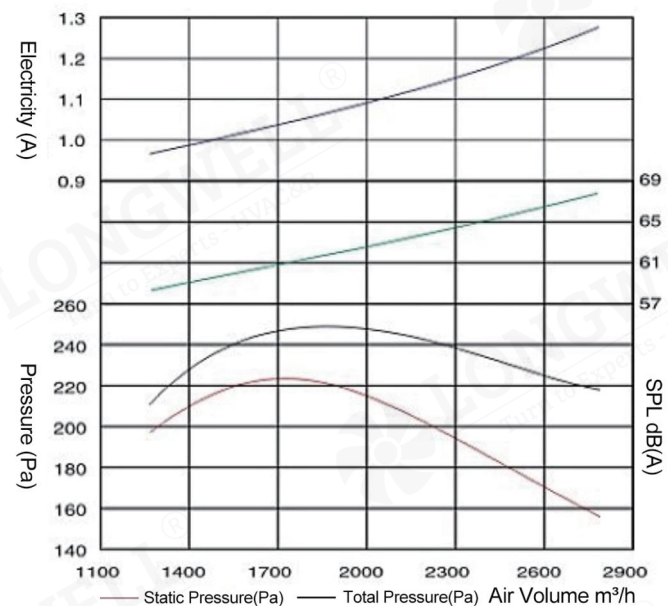
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1345	191	178	1.01	58.1
1637	201	183	1.03	58.5
1939	197	171	1.05	59.2
2547	175	130	1.17	63.0
2851	154	97	1.24	65.7
3042	140	75	1.27	67.3

DDM10-10 Series



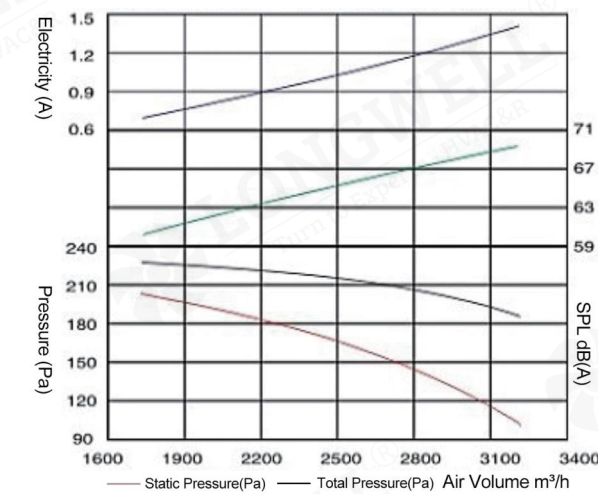
Overall Size and Erection Size

Model	A1	A2	B1	B2	B3	C1	C2	C3	D1	D2	M	K1	K2	H×L
DDM10-10I	273	215	377	184	200	385	180	220	110	130	281	311	341	11×16
DDM10-10II	272	226	389	187	205	403	181	229	110	130	300	330	360	11×16



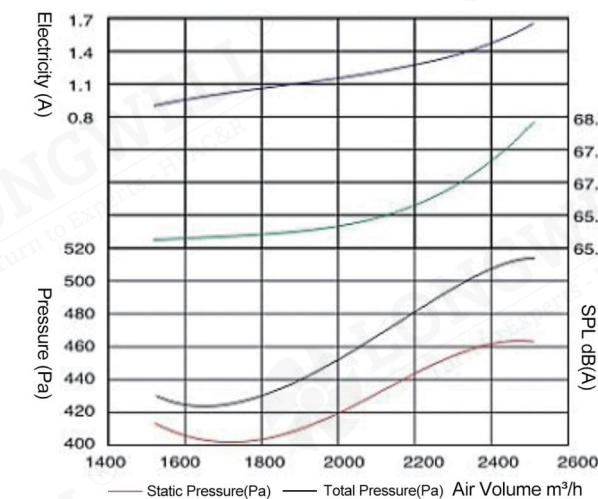
Model	Motor	Weight(kg)	Rate Current(A)	
DDM10-10I	0.32KW-6	20.4	1.29	
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1268	210	196	0.97	58.5
1778	251	225	1.05	61.1
2070	241	205	1.11	63.1
2258	239	197	1.13	64.3
2571	230	174	1.23	66.4
2786	219	154	1.28	67.7

DDM10-10 Series



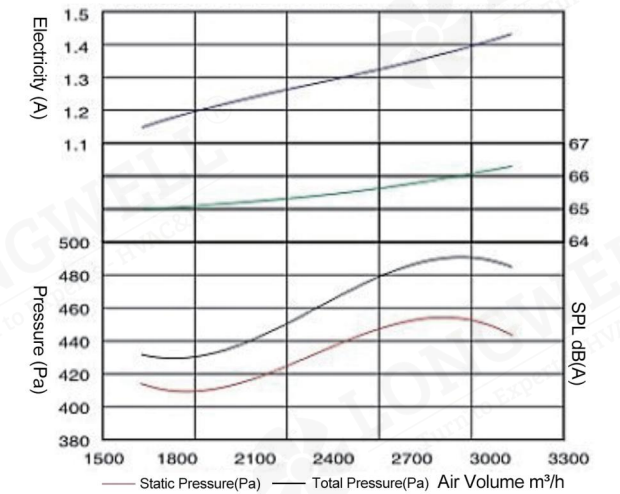
Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10I	0.37KW-6	20.4	1.4

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1734	227	203	0.69	60.2
2396	218	173	0.98	63.9
2675	210	154	1.11	66.7
2891	204	138	1.23	67.9
3217	183	102	1.40	69.2



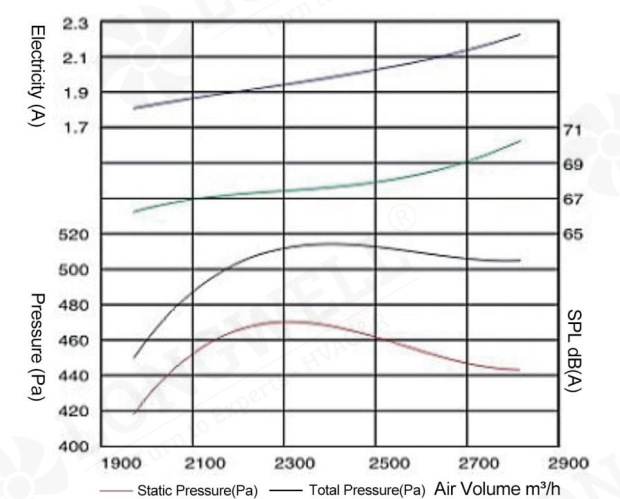
Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10I	0.55KW-4	21.5	1.67

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1522	430	412	0.91	66.1
1808	435	409	1.01	66.2
2068	453	419	1.25	66.4
2401	516	471	1.40	67.3
2512	510	460	1.68	67.9



Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10I	0.45KW-4	20.35	1.44

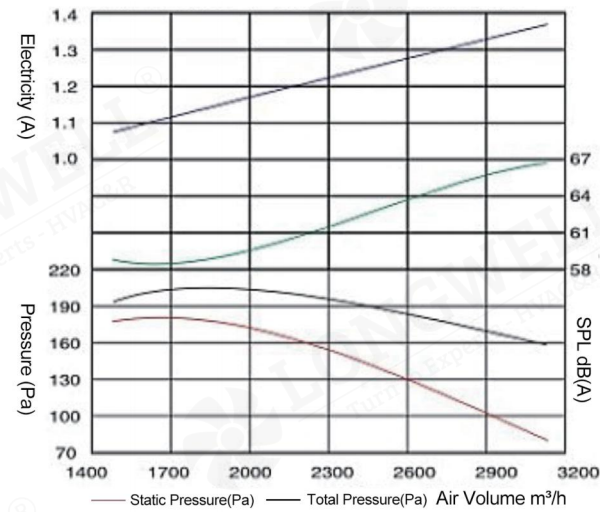
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1685	419	397	1.15	65.0
1898	421	393	1.23	65.2
2132	473	437	1.30	65.5
2274	476	435	1.35	65.8
2489	483	434	1.43	66.3



Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10I	0.8KW-4	23.65	2.22

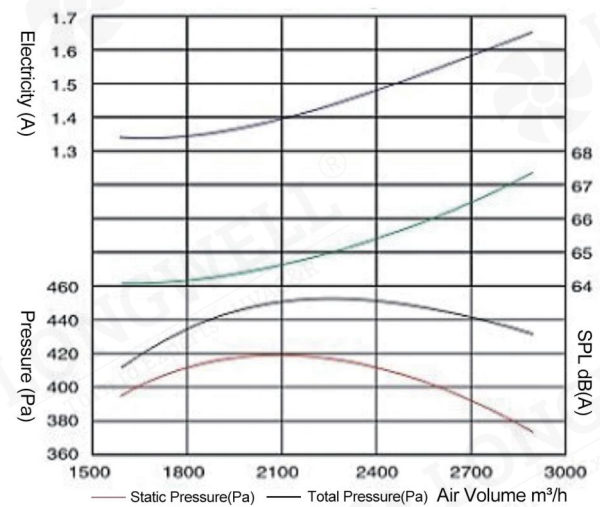
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1972	449	418	1.81	66.3
2213	507	468	1.92	67.1
2396	512	466	1.97	67.8
2599	509	455	2.08	68.3
2817	506	442	2.22	70.3

DDM10-10 Series



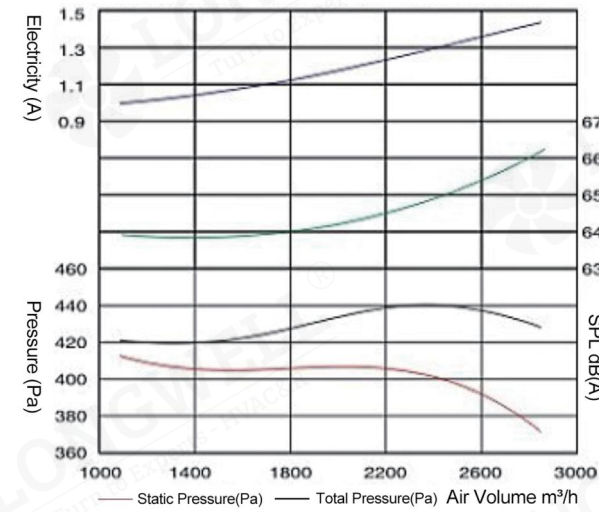
Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10II	0.45KW-6	20	1.48

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1483	195	177	1.08	58.7
1816	205	179	1.16	58.8
2158	201	164	1.18	60.3
2510	186	136	1.27	63.2
2836	174	110	1.33	65.2
3134	158	80	1.37	66.9



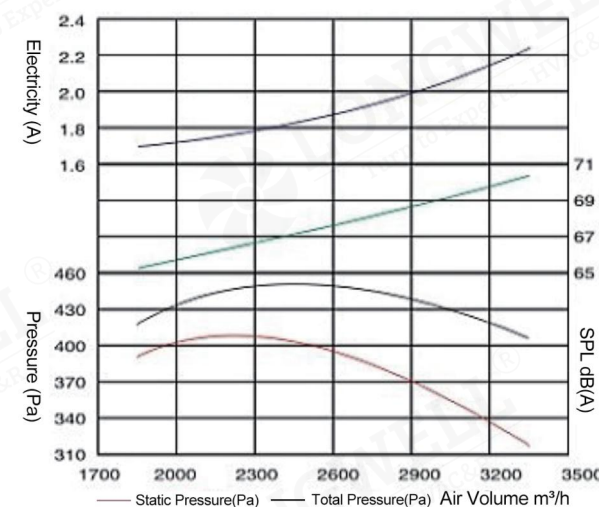
Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10II	0.55KW-4	20.3	1.67

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1590	412	394	1.34	64.1
2200	452	418	1.41	64.8
2410	451	411	1.50	65.4
2640	444	396	1.55	66.3
2895	432	374	1.65	67.4



Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10II	0.45KW-4	19.5	1.44

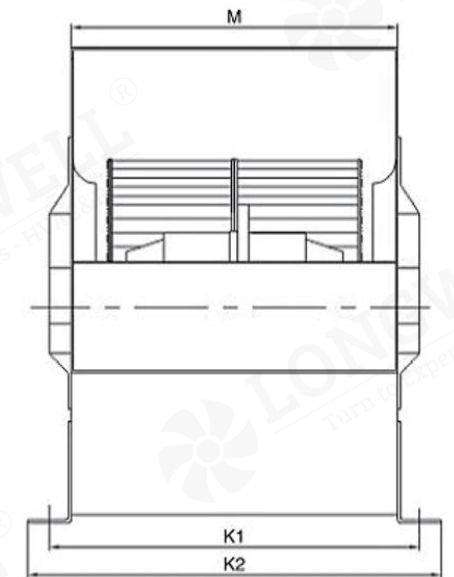
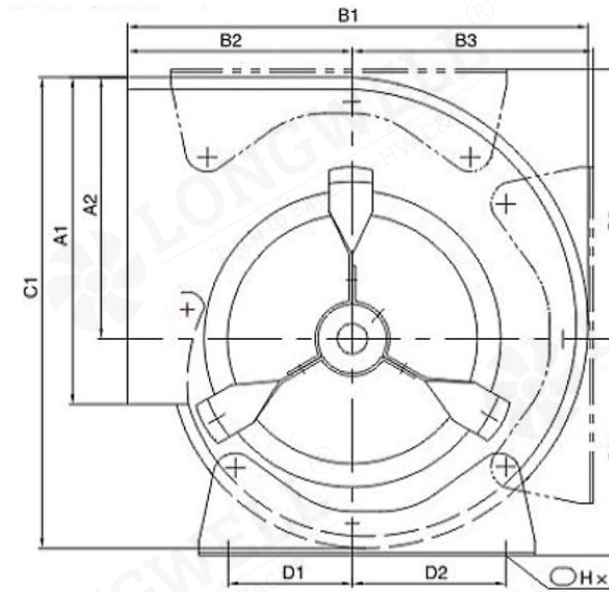
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1090	421	413	1.00	63.9
2004	434	406	1.18	64.4
2410	443	403	1.30	64.8
2671	435	385	1.38	65.3
2853	430	373	1.44	66.3



Model	Motor	Weight(kg)	Rate Current(A)
DDM10-10II	0.8KW-4	22.45	2.22

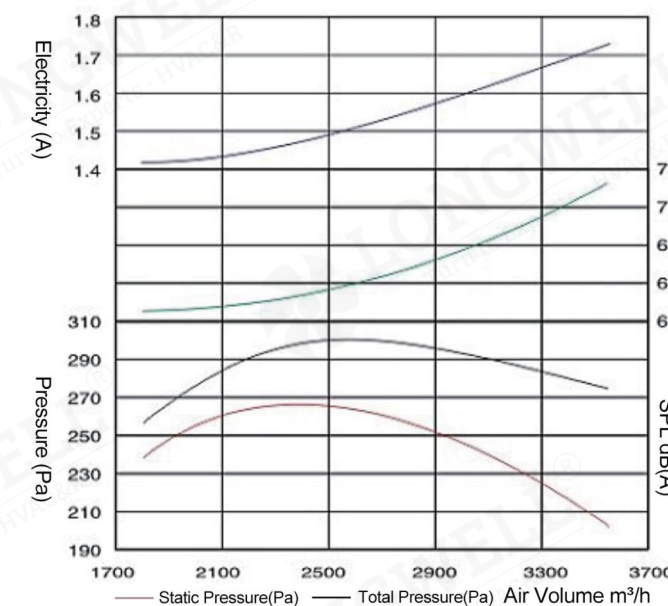
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1853	419	392	1.70	65.4
2152	446	409	1.74	66.4
2448	451	403	1.84	67.5
2756	441	381	1.93	67.9
3047	432	358	2.06	68.9
3348	407	318	2.23	70.5

DDM11-11 Series



Overall Size and Erection Size

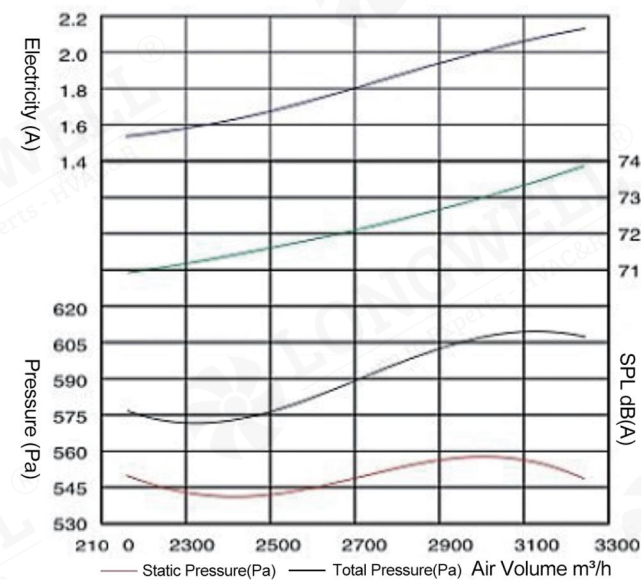
Model	A1	A2	B1	B2	B3	C1	C2	C3	D1	D2	M	K1	K2	H×L
DDM11-11I	305	241	417	201	220	432	195	245	132	138	300	330	360	11×16
DDM11-11II	305	241	417	201	220	432	195	245	132	138	356	386	416	11×16



Model	Motor	Weight(kg)	Rate Current(A)
DDM11-11I	0.55KW-6	24	1.68

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1803	257	239	1.42	65.6
2425	300	268	1.48	66.3
2838	296	252	1.56	68.1
3245	289	231	1.66	70.3
3556	273	203	1.73	72.2

DDM11-11 Series

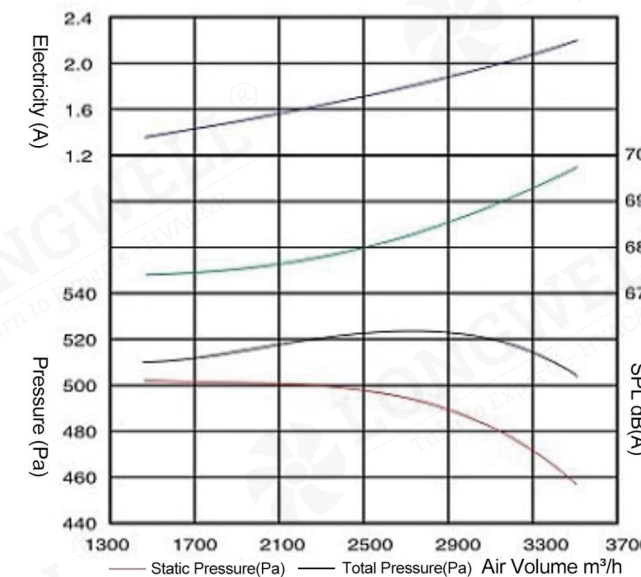
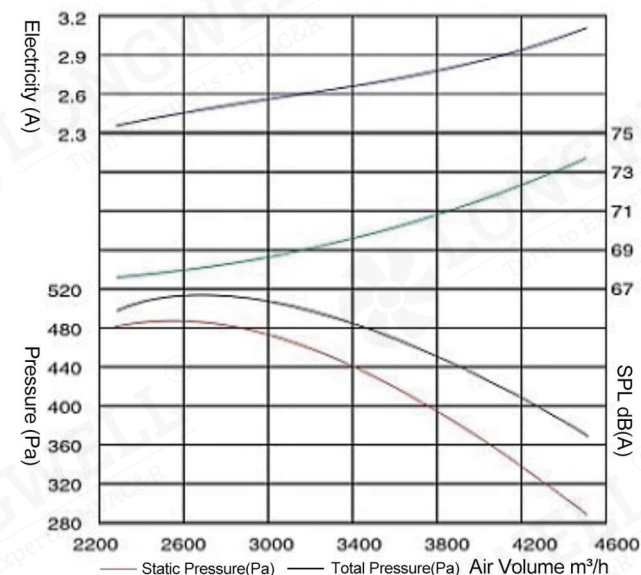


Model	Motor	Weight(kg)	Rate Current(A)
DDM11-11I	0.8KW-4	32.2	2.31

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
2160	576	550	1.54	70.9
2507	578	543	1.69	71.7
2600	582	545	1.73	71.9
2853	600	555	1.91	72.4
3246	607	549	2.13	73.9

Model	Motor	Weight(kg)	Rate Current(A)
DDM11-11II	0.8KW-4	31.7	2.31

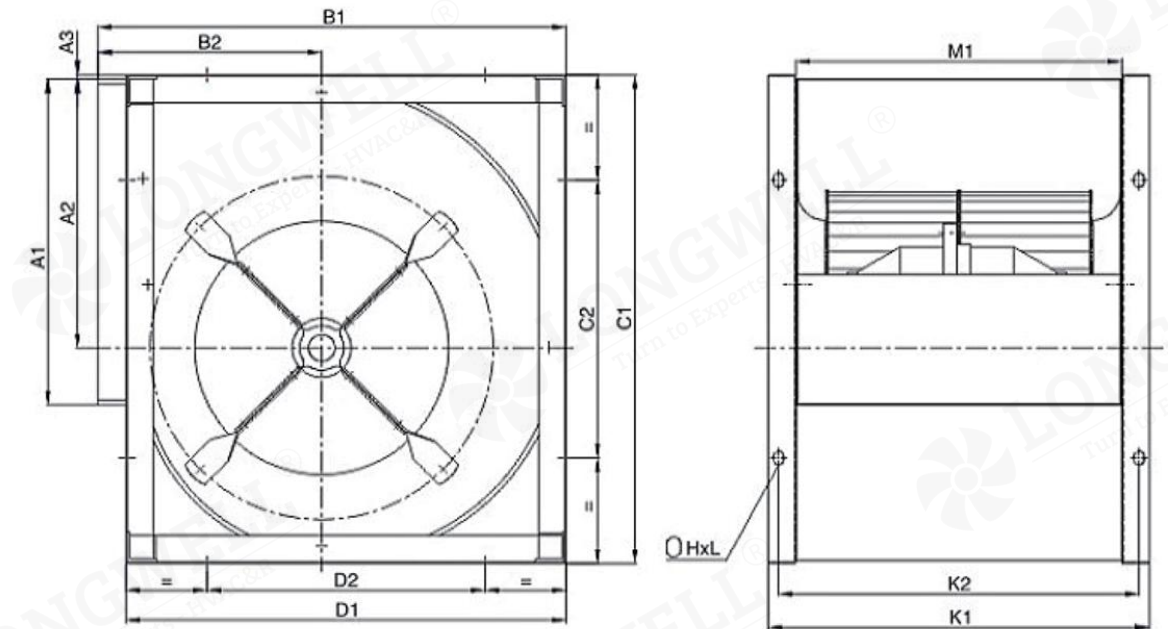
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
1460	510	502	1.36	67.4
2130	520	503	1.58	67.8
2670	521	493	1.79	68.1
3346	517	473	2.10	69.3
3510	503	455	2.21	69.8



Model	Motor	Weight(kg)	Rate Current(A)
DDM11-11II	1KW-4	29.5	3.12

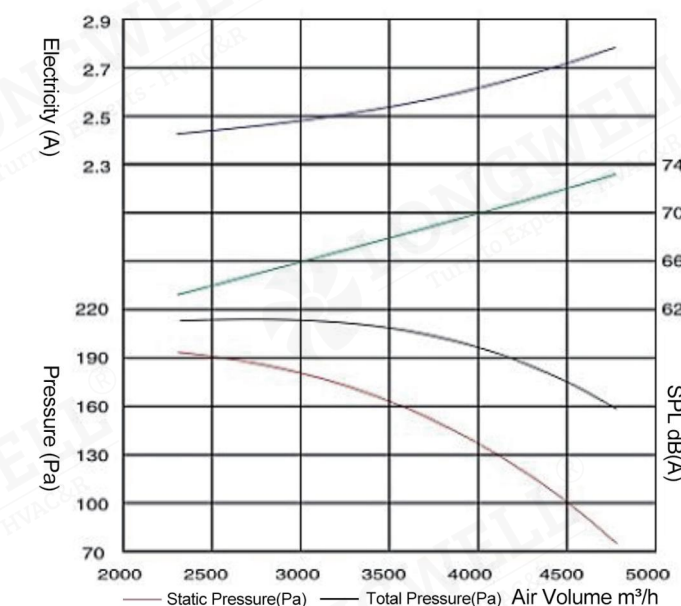
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
2280	500	480	2.36	67.6
2975	510	475	2.55	68.3
3875	440	381	2.83	71.4
4240	406	335	2.94	72.4
4510	370	290	3.12	73.6

DDM12-12 Series



Overall Size and Erection Size

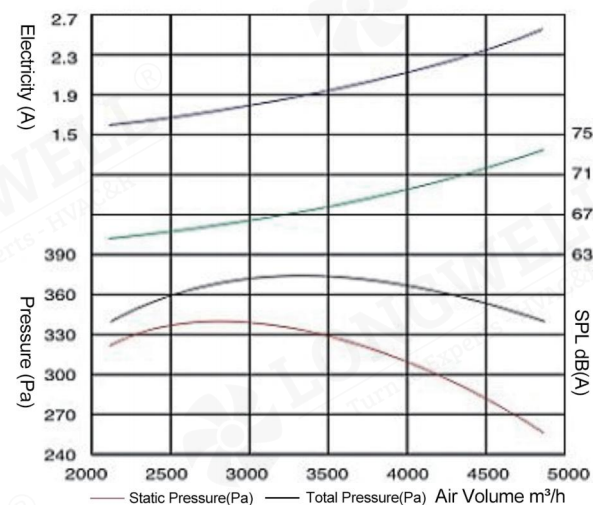
Model	A1	A2	A3	B1	B2	C1	C2	D1	D2	M1	K1	K2	HxL
DDM12-12I	338	271	5	490	242	495	280	450	280	338	418	378	13x18
DDM12-12II	338	271	5	490	242	495	280	450	280	400	480	440	13x18



Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12I	0.8KW-8	43.8	2.9

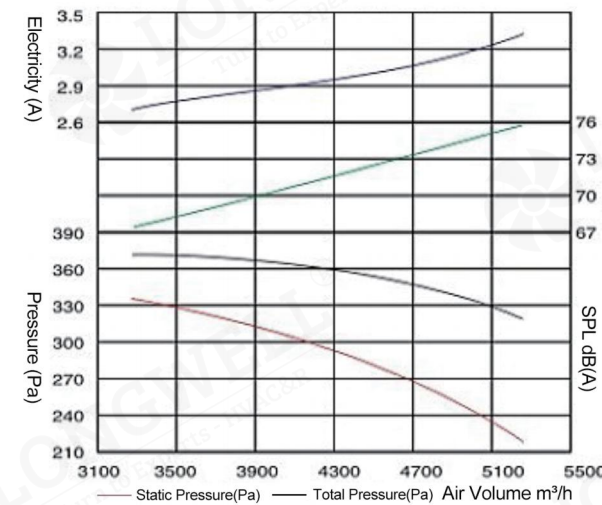
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
2313	213	193	2.43	63.3
3028	213	180	2.49	65.9
3549	206	160	2.53	68.1
3883	200	145	2.60	69.5
4223	188	123	2.66	70.9
4776	158	76	2.79	73.3

DDM12-12 Series



Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12I	0.8KW-6	42.2	2.5

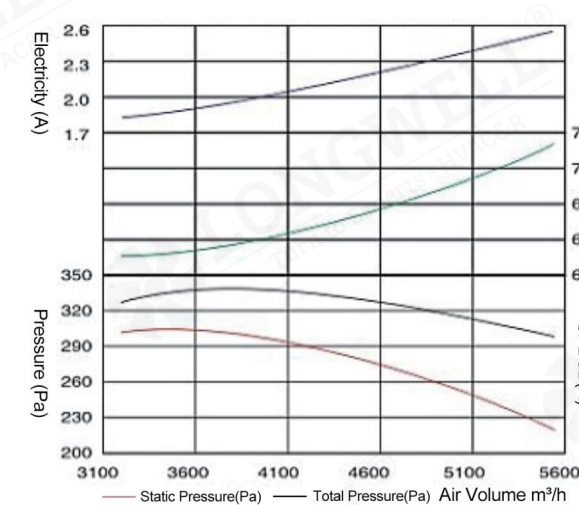
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
2110	339	323	1.60	64.7
3067	373	339	1.81	66.3
3870	367	313	2.06	69.5
4243	360	295	2.23	70.5
4580	352	277	2.39	72.1
4867	340	255	2.56	73.5



Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12I	1.1KW-6	43.8	3.3

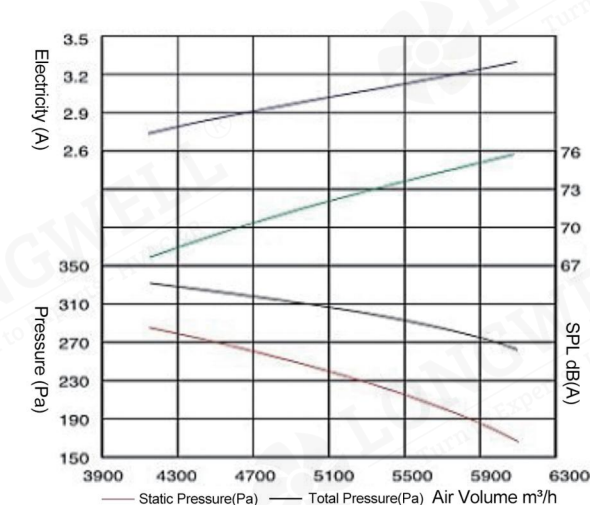
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3276	372	334	2.71	67.5
3644	371	324	2.80	68.3
4161	362	300	2.92	71.4
4728	346	266	3.06	73.6
5050	333	241	3.22	74.8
5260	319	220	3.33	75.8

DDM12-12 Series



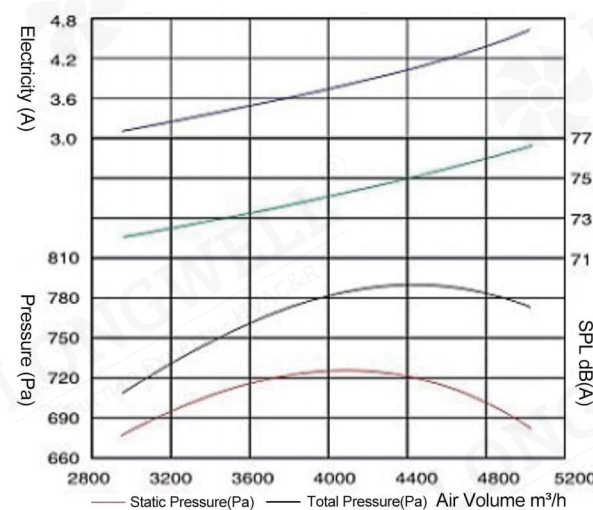
Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12II	0.8KW-6	40.5	2.55

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3195	328	302	1.83	66.2
3915	339	299	1.99	66.5
4536	329	276	2.18	68.8
4850	322	262	2.29	69.7
5157	311	243	2.43	70.8
5540	299	220	2.55	72.3



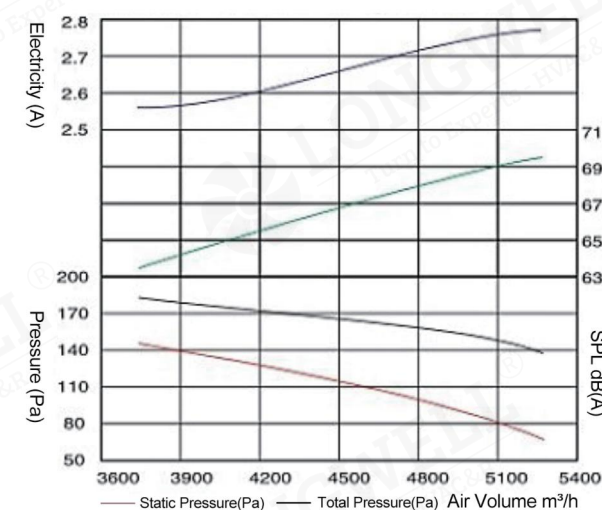
Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12II	1.1KW-6	42.1	3.3

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4152	331	287	2.74	67.8
4523	322	269	2.84	69.3
5024	310	245	3.01	71.7
5641	287	205	3.16	74.3
6098	264	168	3.30	75.7



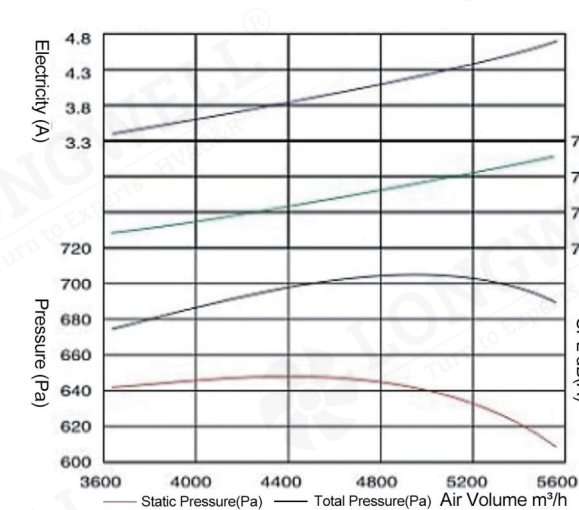
Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12I	1.8KW-4	46.7	4.7

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
2957	709	678	3.14	72.1
3321	739	700	3.32	72.4
3704	771	722	3.56	73.5
4153	789	727	3.86	74.6
4549	787	713	4.14	75.3
5032	775	684	4.66	76.7



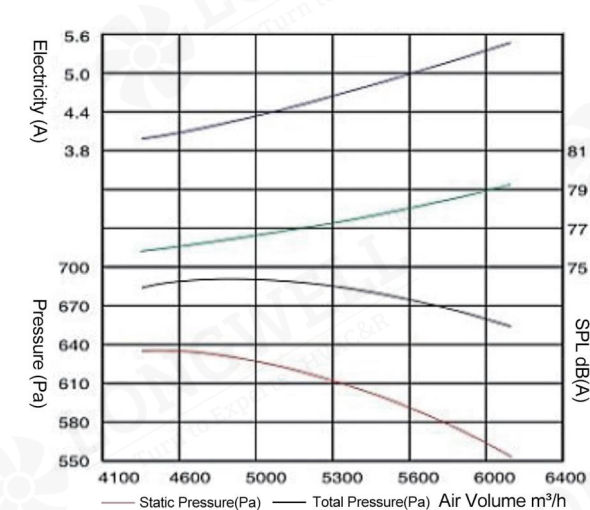
Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12II	0.8KW-8	42.1	2.9

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3742	182	146	2.56	63.5
4089	176	133	2.58	65.1
4347	169	121	2.65	66.3
4718	161	105	2.68	67.5
4976	153	90	2.76	68.6
5270	139	69	2.77	69.5



Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12II	1.8KW-4	42	4.7

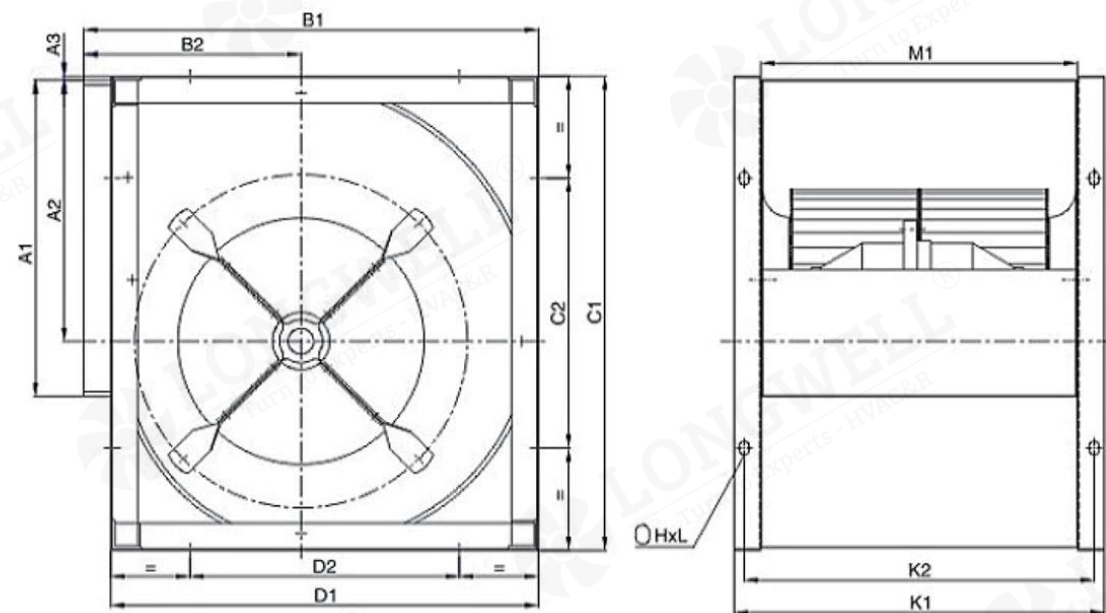
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3639	676	642	3.10	72.7
3940	683	642	3.58	73.7
4521	702	650	3.90	74.5
4806	706	646	4.12	74.8
5135	702	634	4.32	76.6
5556	690	610	4.70	77.1



Model	Motor	Weight(kg)	Rate Current(A)
DDM12-12II	2.2KW-4	45	5.4

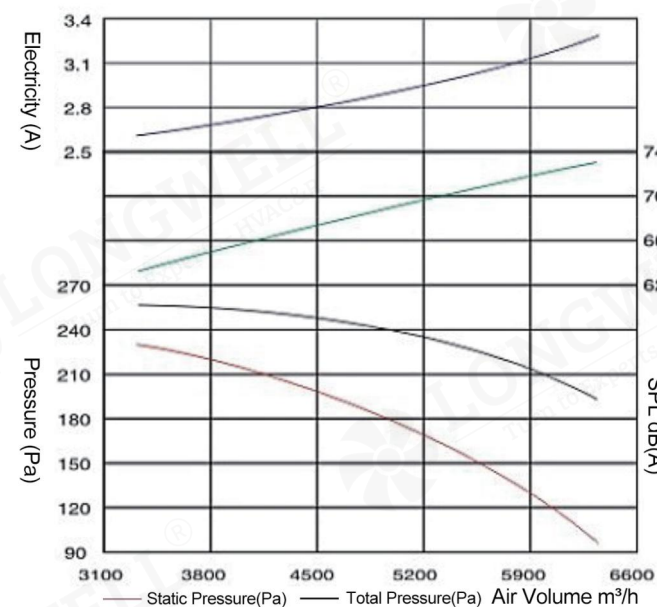
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4305	685	637	4.00	75.8
4688	687	631	4.18	76.3
5049	690	624	4.46	76.9
5489	681	604	4.82	77.5
5830	667	580	5.10	78.3
6229	655	555	5.46	79.2

DDM14-14 Series



Overall Size and Erection Size

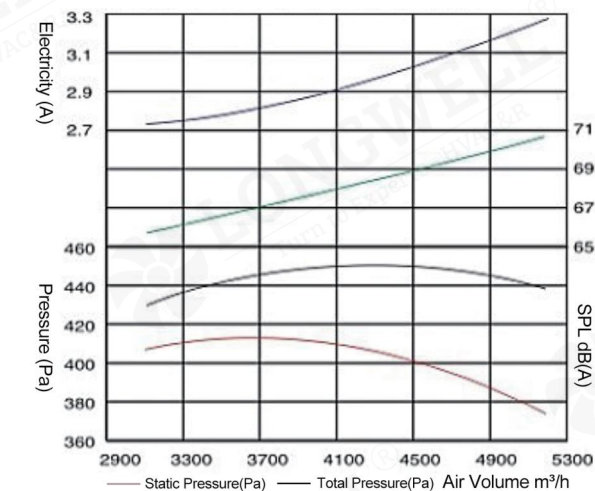
Model	A1	A2	A3	B1	B2	C1	C2	D1	D2	M1	K1	K2	H×L
DDM14-14I	375	306	4	545	266	557	315	505	315	375	455	415	13×18
DDM14-14II	375	305	5	545	266	557	315	505	315	431	511	471	13×18



Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14I	1.1KW-8	53	3.67

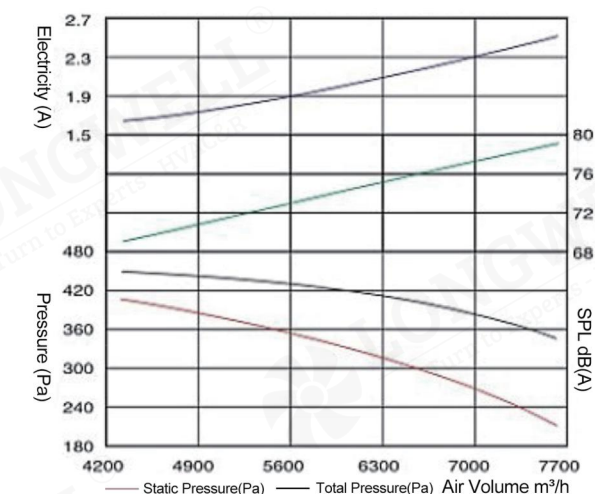
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3318	256	230	2.62	63.2
3905	253	217	2.68	65.7
4539	246	197	2.81	67.3
5190	234	170	2.96	69.5
5723	216	139	3.06	71.4
6340	193	98	3.29	73.2

DDM14-14 Series



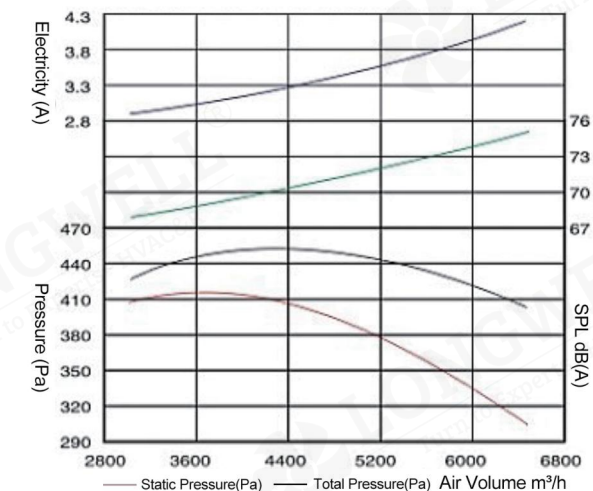
Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14I	1.1KW-6	46.8	3.18

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3107	431	408	2.74	65.9
3716	446	413	2.83	66.9
4350	450	405	2.97	68.6
4643	448	397	3.10	69.5
4951	444	385	3.18	70.2
5191	439	375	3.28	70.5



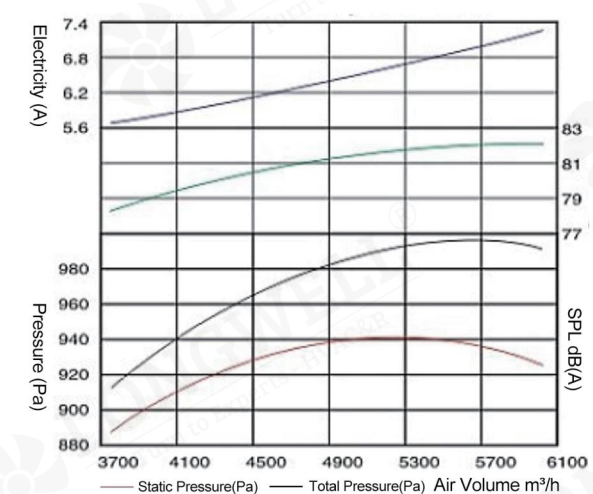
Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14I	1.8KW-6	55.6	5.0

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4329	450	405	1.65	69.1
5405	435	365	1.85	72.4
6023	418	331	2.01	74.3
6588	401	298	2.18	76.1
7147	378	257	2.36	77.6
7629	350	211	2.52	79.3



Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14II	1.5KW-6	53	4.2

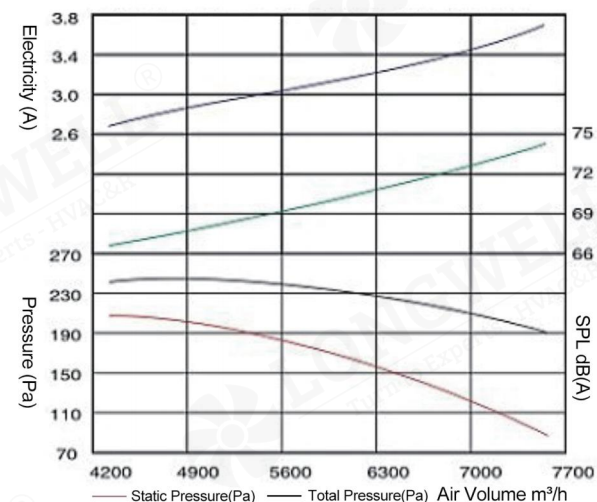
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3033	428	406	2.91	67.6
3478	445	416	3.03	68.9
4343	450	405	3.24	70.5
5458	436	365	3.68	72.3
5929	423	339	3.91	73.6
6475	405	305	4.21	75.3



Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14II	3.0KW-4	57	7.3

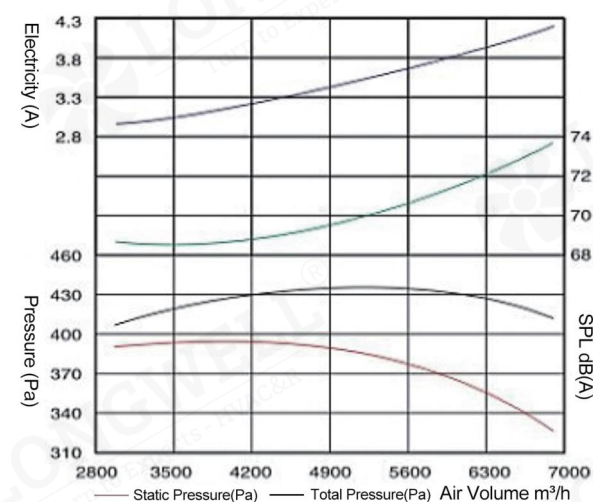
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3758	893	867	5.70	73.7
4189	925	893	5.88	74.3
4568	950	912	6.22	74.8
4968	961	916	6.48	76.1
5473	975	920	6.80	77.2
6024	972	906	7.30	78.5

DDM14-14 Series



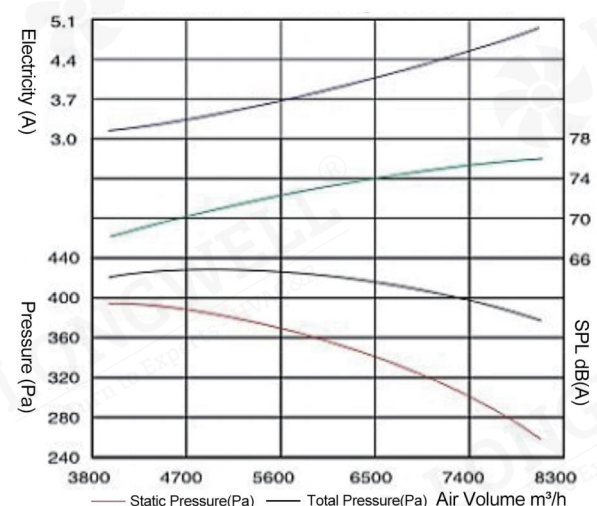
Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14II	1.1KW-8	53.8	3.67

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4332	241	207	2.69	66.6
5009	245	200	2.92	67.8
5478	239	185	2.99	68.9
5970	234	170	3.12	70.2
5724	216	134	3.36	71.7
7564	191	87	3.69	74.3



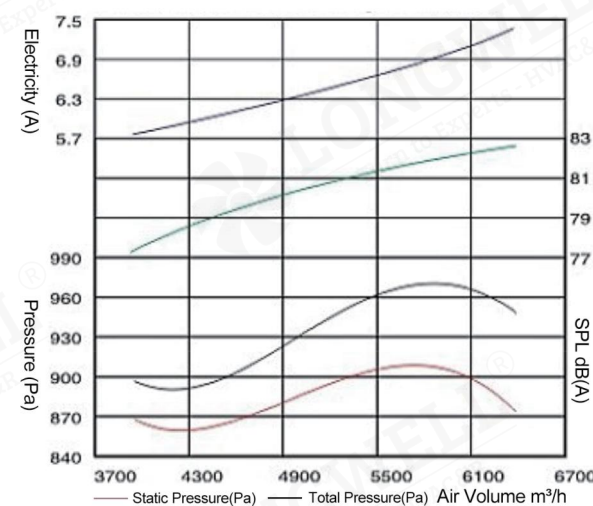
Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14II	1.5KW-6	53.8	4.2

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
2980	407	391	2.96	68.7
5569	435	379	3.66	70.1
5909	432	369	3.79	71.5
6330	428	355	3.97	72.5
6683	419	339	4.08	73.2
6904	414	327	4.21	73.5



Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14II	1.8KW-6	56.4	5.0

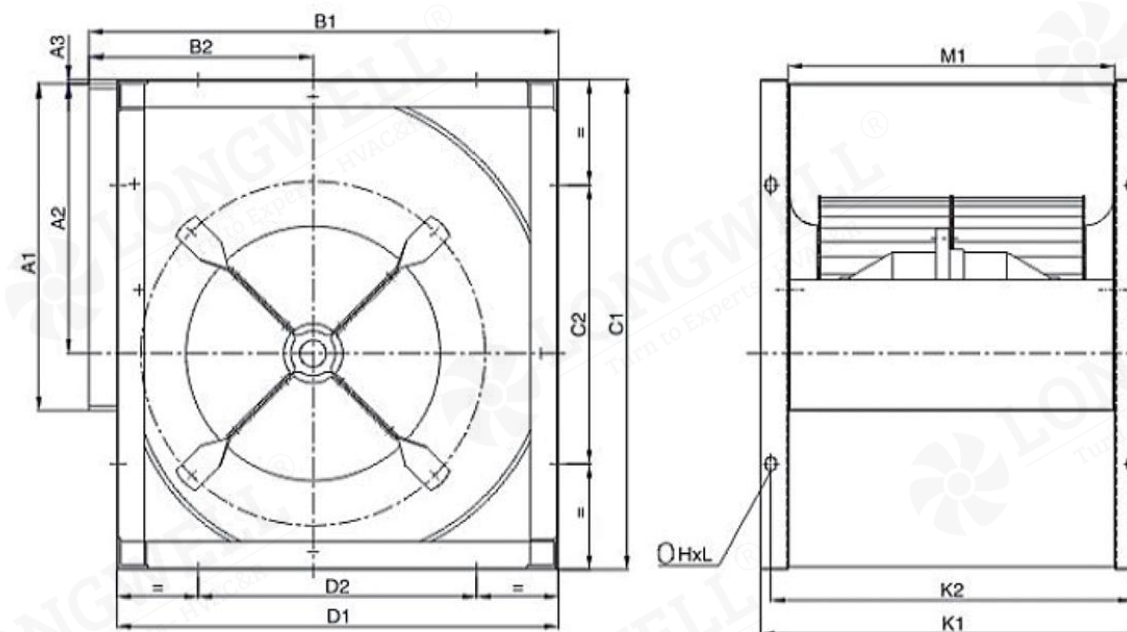
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3965	422	394	3.14	68.2
5669	426	368	3.70	72.5
6435	416	342	4.02	73.9
6982	407	319	4.32	74.9
7490	395	294	4.60	75.2
8082	379	261	4.96	76.1



Model	Motor	Weight(kg)	Rate Current(A)
DDM14-14II	3.0KW-4	57.8	7.3

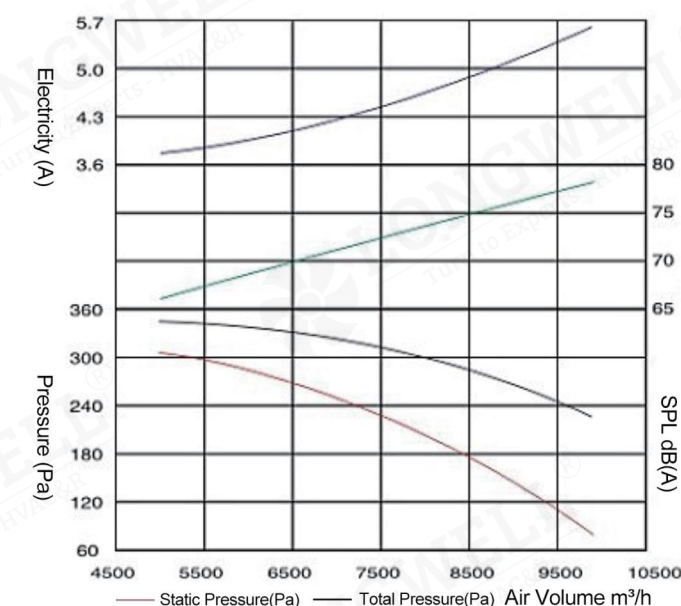
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
3949	898	870	5.78	77.3
4306	891	857	6.02	78.4
4542	889	851	6.04	79.5
5167	961	913	6.44	81.0
5885	956	893	6.92	81.3
6379	949	875	7.36	82.8

DDM16-16 Series



Overall Size and Erection Size

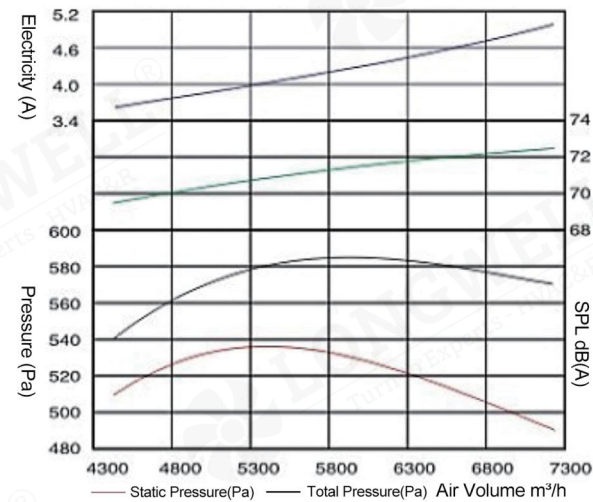
Model	A1	A2	A3	B1	B2	C1	C2	D1	D2	M1	K1	K2	H×L
DDM16-16I	419	344	5	605	292	626	355	565	355	419	499	459	13×18
DDM16-16II	419	344	5	605	292	626	355	565	355	460	540	500	13×18



Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16I	1.8KW-8	65	5.59

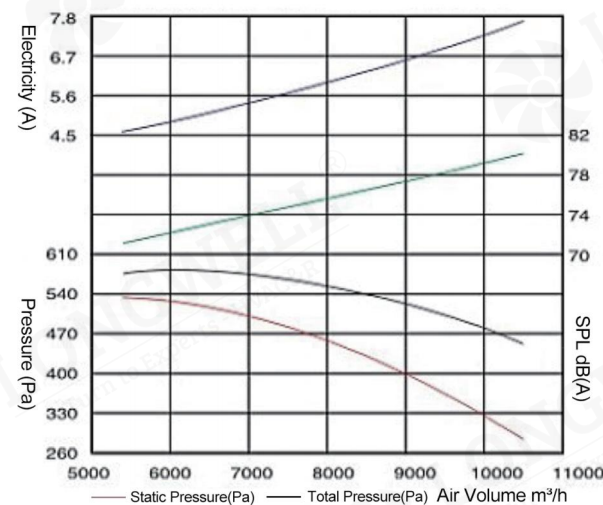
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4998	345	307	3.76	66.5
6017	339	283	3.98	68.2
6967	325	251	4.20	70.8
8336	291	185	4.84	74.8
8879	269	149	5.06	76.5
9900	227	78	5.62	77.9

DDM16-16 Series



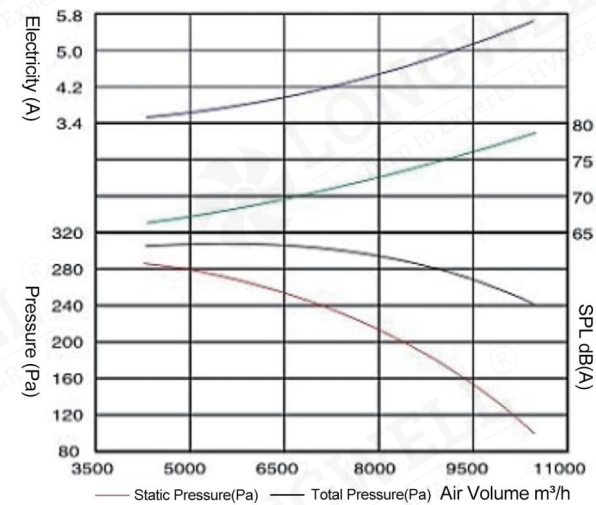
Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16I	1.8KW-6	61.2	5.0

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4437	540	510	3.62	69.5
5016	574	536	3.88	70.5
5419	578	534	4.02	70.9
5989	582	527	4.24	71.5
6689	581	512	4.68	71.9
7230	570	490	5.00	72.6



Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16II	2.2KW-6	65	5.8

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4710	570	536	3.86	69.3
5629	590	542	4.16	69.8
6746	595	526	4.76	72.3
7137	589	511	5.04	73.1
7916	577	481	5.44	74.2
8386	518	410	5.80	75.0



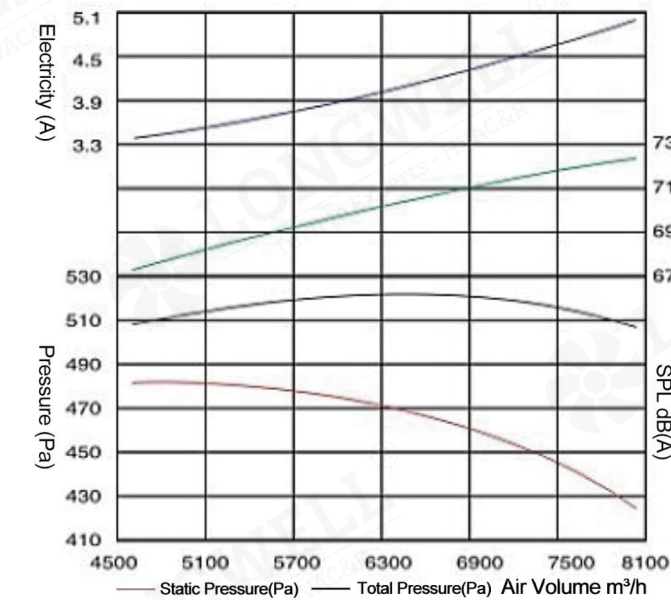
Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16I	3.0KW-6	76.4	7.7

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
5400	578	534	4.62	71.3
6434	580	518	5.12	72.9
7340	569	487	5.60	74.5
9063	516	392	6.66	77.5
9881	484	336	7.20	79.4
10487	453	286	7.70	80.2

Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16II	1.8KW-8	64.3	5.59

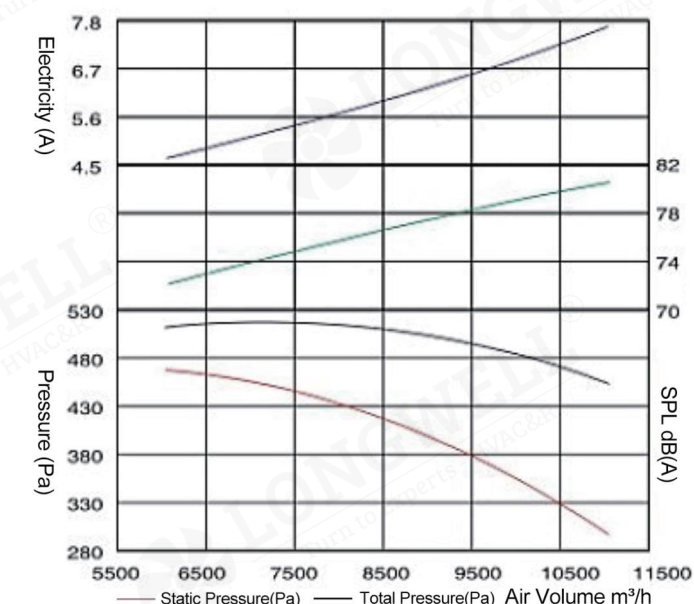
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4291	306	283	3.52	66.8
6147	309	261	3.86	68.2
7040	301	238	4.14	70.6
7976	295	215	4.46	72.8
8952	278	176	4.86	75.5
10495	239	100	5.66	78.2

DDM16-16 Series



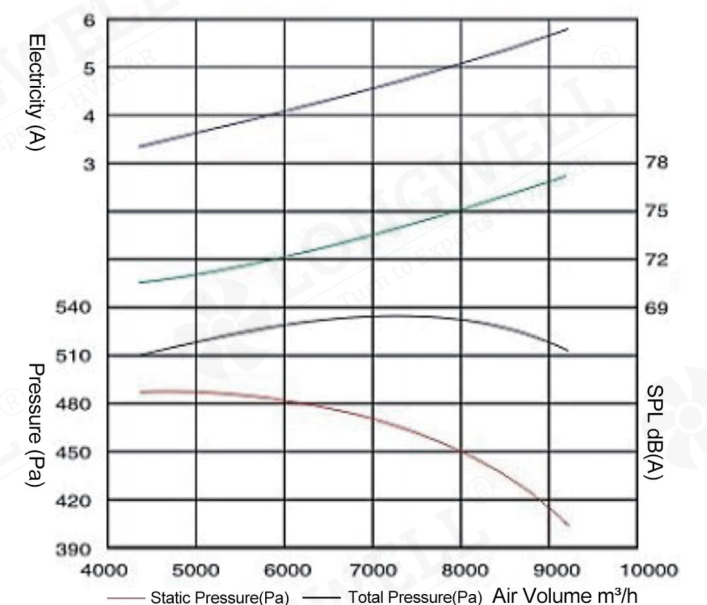
Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16II	2.2KW-6	64.3	5.8

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4358	510	486	3.40	70.0
4944	521	489	3.64	71.6
6311	527	476	4.20	72.4
7704	536	460	4.92	74.3
8306	528	440	5.24	75.9
9229	512	404	5.80	77.3



Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16II	1.8KW-6	60.5	5.0

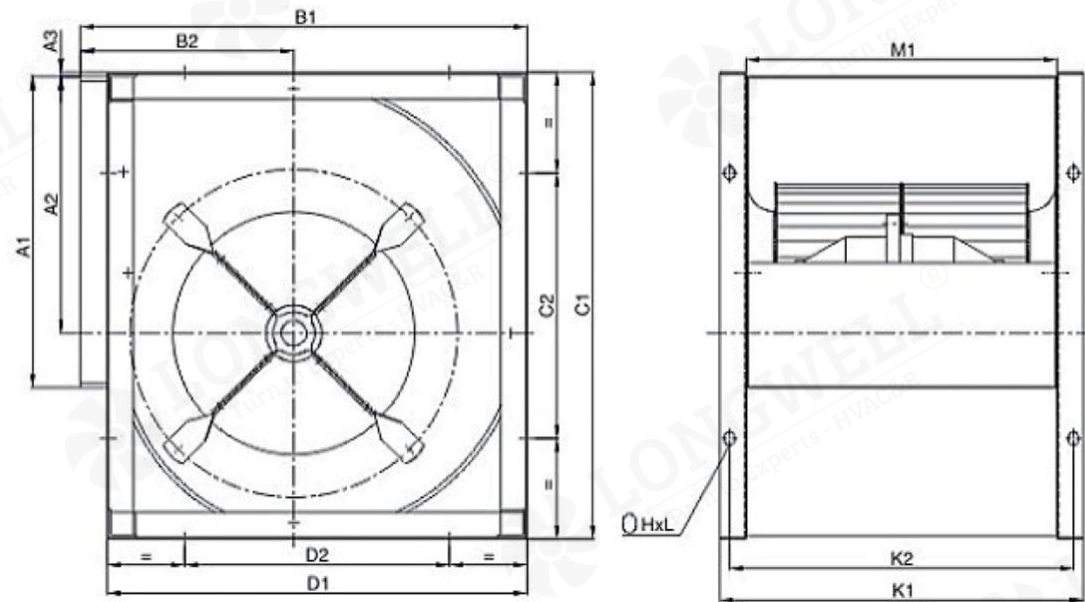
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
4600	508	482	3.40	67.2
5736	517	475	3.76	69.5
6295	525	474	4.02	70.0
6709	520	463	4.24	70.7
7454	515	445	4.64	71.6
8031	508	426	5.00	72.4



Model	Motor	Weight(kg)	Rate Current(A)
DDM16-16II	3.0KW-6	75.7	7.7

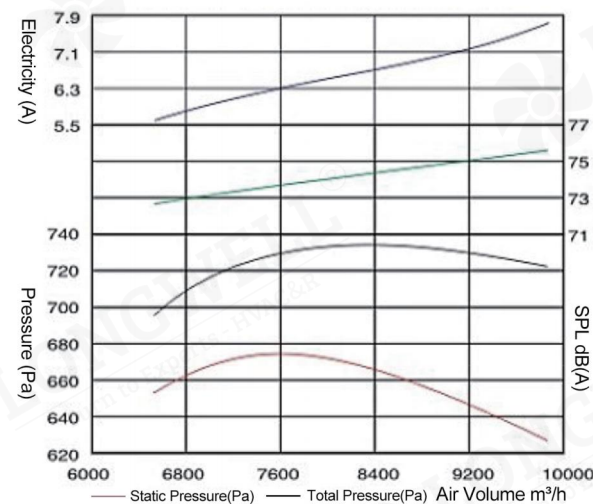
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
6059	513	466	4.64	71.9
7040	514	451	5.18	74.1
7982	518	437	5.64	75.8
7982	504	403	6.18	77.3
9984	482	355	6.92	78.7
11058	456	301	7.70	80.7

DDM18-18 Series



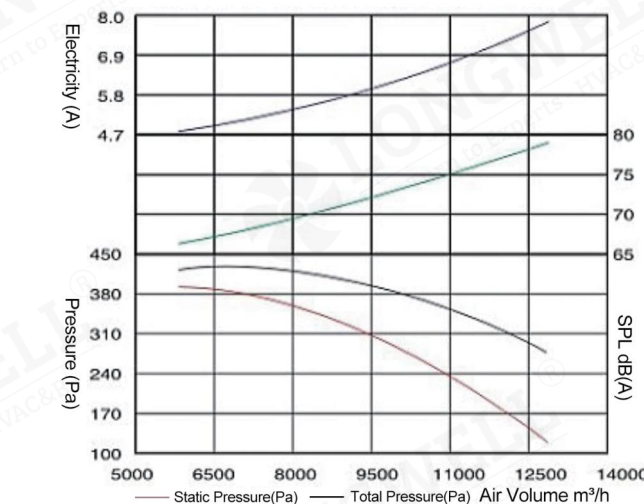
Overall Size and Erection Size

Model	A1	A2	A3	B1	B2	C1	C2	D1	D2	M1	K1	K2	H×L
DDM18-18I	469	387	5	674	322	703	400	634	400	469	549	519	13×18
DDM18-18II	469	387	5	674	322	703	400	634	400	530	610	580	13×18



Model	Motor	Weight(kg)	Rate Current(A)
DDM18-18I	3.0KW-8	96	8.36

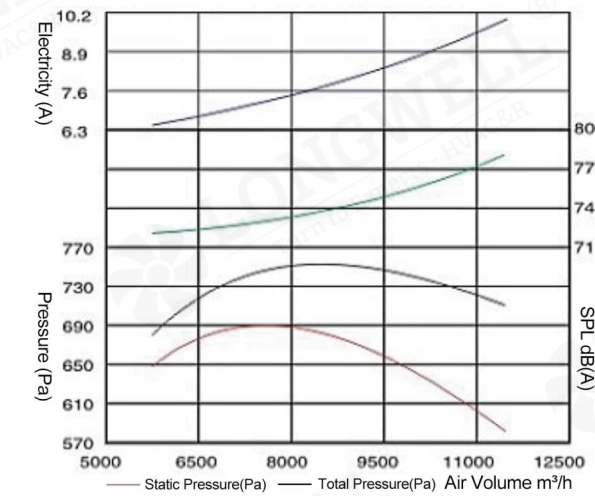
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
5827	427	394	4.80	66.5
8200	418	352	5.46	69.7
9026	406	327	5.80	71.5
10053	381	282	6.18	73.1
10876	355	240	6.62	75.1
12863	281	120	7.84	79.1



Model	Motor	Weight(kg)	Rate Current(A)
DDM18-18I	3.0KW-6	86.8	7.7

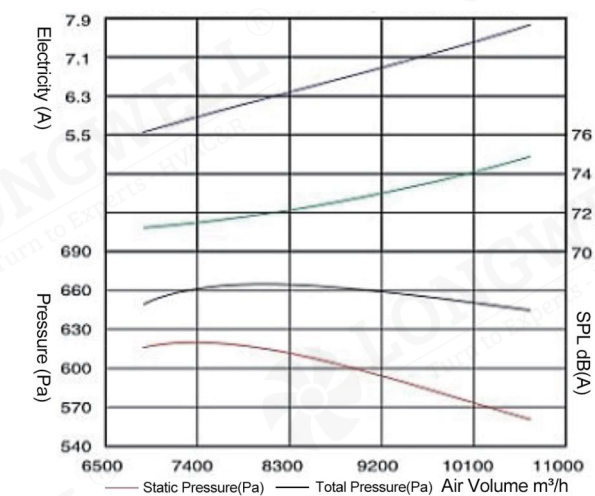
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
6532	696	654	5.60	72.7
7662	731	674	6.34	73.8
8058	734	671	6.52	74.0
8917	731	653	6.98	74.8
9403	728	641	7.34	75.3
9868	722	627	7.74	75.6

DDM18-18 Series



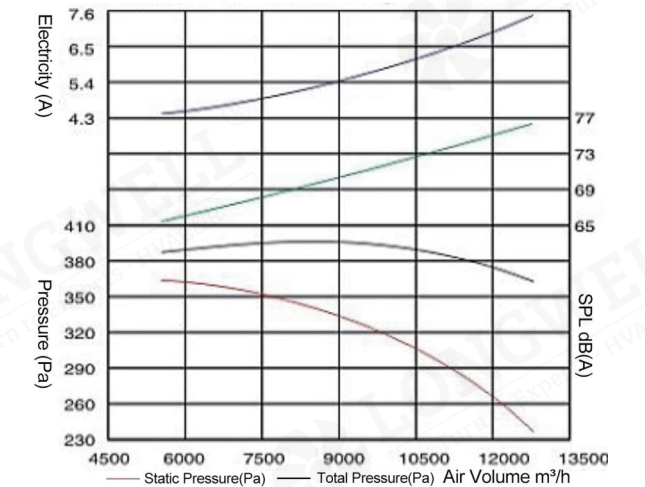
Model	Motor	Weight(kg)	Rate Current(A)
DDM18-18I	4.0KW-6	96	9.9

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
5759	681	649	6.50	72.1
7508	743	688	7.30	73.1
8420	753	684	7.65	73.8
9221	751	669	8.15	74.5
10597	725	616	9.25	76.3
11474	711	583	9.95	78.2



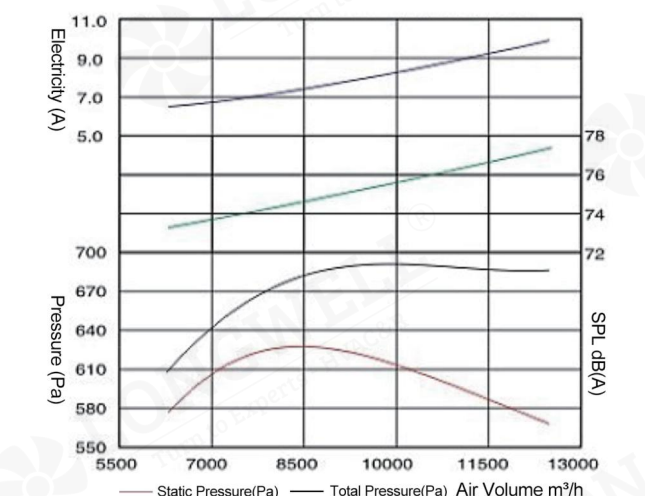
Model	Motor	Weight(kg)	Rate Current(A)
DDM18-18II	3.0KW-6	94.2	7.7

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
6864	652	616	5.58	71.2
8021	668	619	6.26	72.0
8752	659	601	6.62	72.5
9241	658	593	6.86	73.1
9919	655	580	7.34	73.7
10655	647	561	7.78	74.9



Model	Motor	Weight(kg)	Rate Current(A)
DDM18-18II	3.0KW-8	103.4	8.36

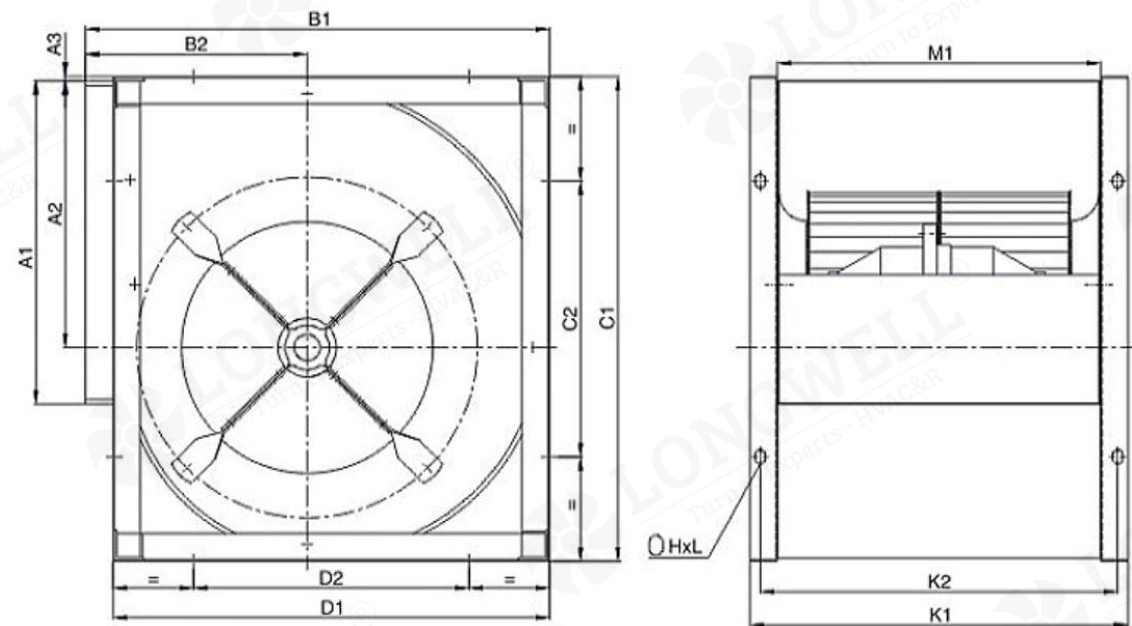
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
5551	388	365	4.45	65.9
7137	390	351	4.80	66.8
8924	399	338	5.45	70.6
10083	392	315	5.95	72.2
11071	383	290	6.45	73.7
12787	363	238	7.45	76.3



Model	Motor	Weight(kg)	Rate Current(A)
DDM18-18II	4.0KW-6	103.4	9.9

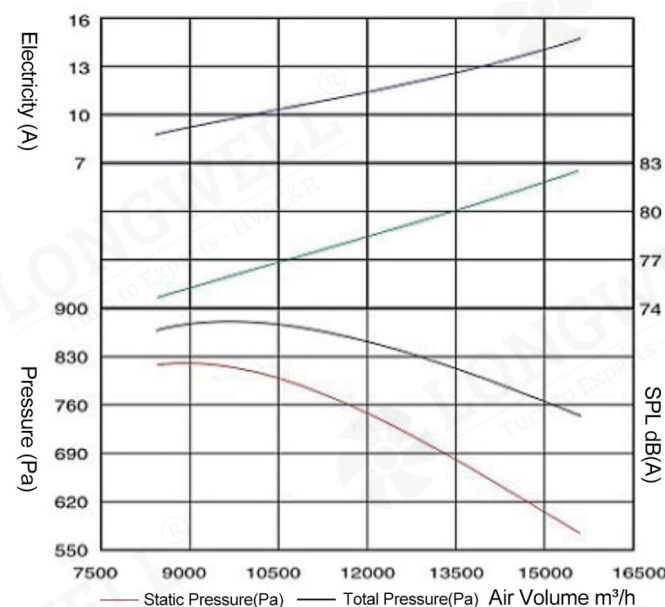
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
6290	608	578	6.60	73.3
6897	636	599	6.75	73.6
7892	676	628	7.20	74.4
10327	682	601	8.50	75.8
11154	694	599	9.00	76.4
12495	687	568	10.00	77.4

DDM20-20 Series



Overall Size and Erection Size

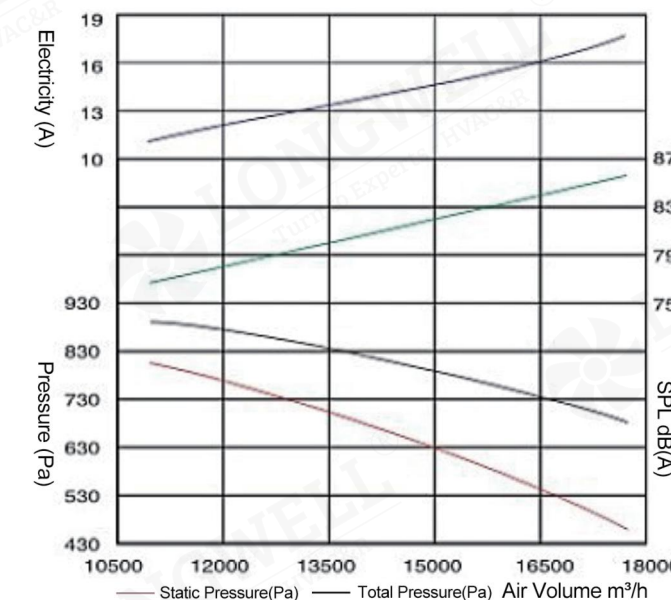
Model	A1	A2	A3	B1	B2	C1	C2	D1	D2	M1	K1	K2	H×L
DDM20-20I	506	430	5	741	351	780	450	701	450	506	586	556	13×18
DDM20-20II	506	430	5	741	351	780	450	701	450	600	680	650	13×18



Model	Motor	Weight(kg)	Rate Current(A)
DDM20-20I	6.0KW-6	127	14.5

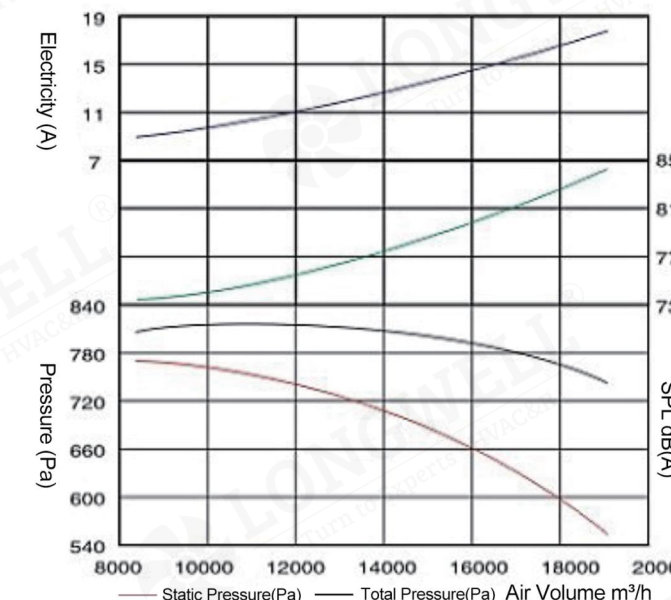
Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
8444	867	816	8.85	74.8
10591	878	798	10.35	76.2
11394	864	770	10.95	78.2
13395	814	685	12.45	79.9
14413	784	635	13.45	81.3
15611	747	572	14.70	82.3

DDM20-20 Series



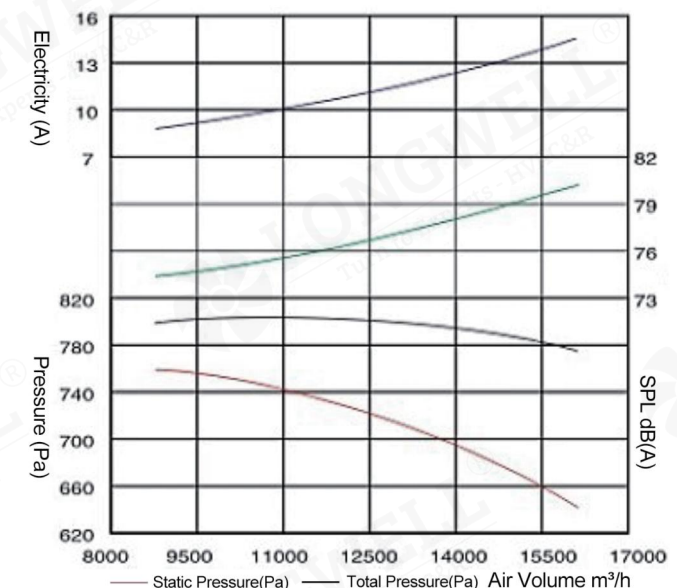
Model	Motor	Weight(kg)	Rate Current(A)
DDM20-20II	6.0KW-6	128.2	14.5

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
8784	799	759	8.85	74.4
10109	804	752	9.65	75.3
12283	802	724	10.8	76.5
14529	791	683	12.8	78.7
15425	783	660	13.85	79.8
16117	777	643	14.5	80.2



Model	Motor	Weight(kg)	Rate Current(A)
DDM20-20I	7.5KW-6	135	17.7

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
10956	892	805	11.20	76.8
12470	864	752	12.50	78.6
14703	799	643	14.35	81.3
15305	782	613	14.85	82.7
16365	744	551	15.90	84.0
17739	688	461	17.70	85.5



Model	Motor	Weight(kg)	Rate Current(A)
DDM20-20II	7.5KW-6	136.2	17.7

Air Volume (m³/h)	Total Pressure (Pa)	Static Pressure (Pa)	Electricity (A)	SPL dB(A)
8387	807	771	8.95	73.5
11387	815	748	10.65	75.0
14053	807	706	12.75	76.9
16382	784	646	14.80	81.2
18293	764	593	17.00	83.1
19069	742	556	17.75	84.0