

A O S 2 S 190-45 A
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① A: 아이올러스(Aeolus Fan)
- ② O: 아우터로터 모터(Outer rotor Motor)
- ③ B: 백워드휠(Centrifugal Backward Fan)
S: 시로코휠(Centrifugal Sirocco Fan)
- ④ 2: 2극(2 Pole)
4: 4극(4 Pole)
6: 6극(6 Pole)
- ⑤ S: 편흡(Single Suction)
D: 양흡(Double Suction)
- ⑥ 날개 사이즈(Impeller Size)
- ⑦ A: 날개, 모터 케이싱 완제품(Impeller, Motor and Casing Ass'y)

특징 (Characteristics)

- 모터와 회전체(임펠러)를 일체화하여 일반 소형에 비해 저동력 다풍량 고효율에 적합하다

It has one structure to Motor and Impeller, so it is more suitable to low power, multiple Air volume and high efficiency, compared with a normal small fans.

- 특히 양흡형 구조에 적합하도록 모터를 특수 개발하여 설치 및 조립이 용이하다.

Especially, it is developed special motor in order to fit at the structure of Double In-Let type, so it is easy for installing and assembling.

- 별도 구동 베이스가 없어 제품이 가볍고 운반이 용이하다.

It is lightweight and easy to moving owing to without driving base.

- 소형화 및 경량화하여 협소한 장소에 설치 및 취급이 용이하다.

It is easy to treat and install at the limited site due to be miniaturized and be lightweight.

사용처 (Applications)

- 전자 교환기 및 렌즈후드용 전자 통신장비 냉각용에 적합

Heat exchanger, Range hood for kitchen, Cooling for electronic equipment

- 공조설비용, 공기조화 냉난방 급배기용에 적합

Air conditioner system, cooling and heating, exhausting and supplying air system.

모터 (Motor)

- 모터는 양흡에 의해 냉각이 되므로 일반 모터에 비해 냉각 효과가 뛰어나다.

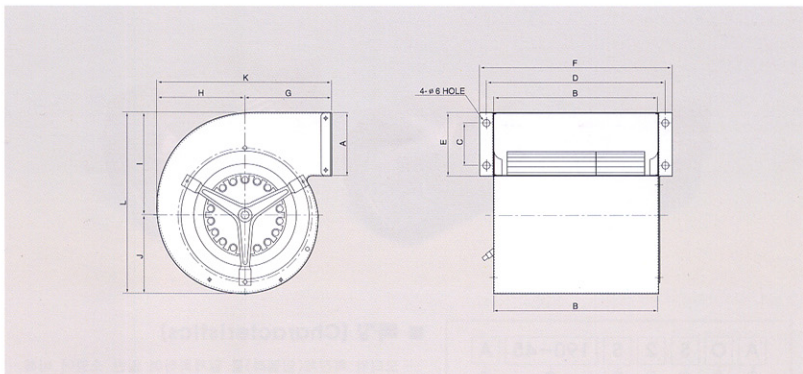
It is excellent of cooling effect compared with a normal motor because of refrigerating by double inlet wheels.

- 모터는 일반적으로 소형 모터로서 단상에 적합하며 주문에 의해 삼상으로 제작 가능하다.

Generally, it is small motor and suitable in single phase and also can be made for three phase by customer's order



외형도 (Outward Drawing)



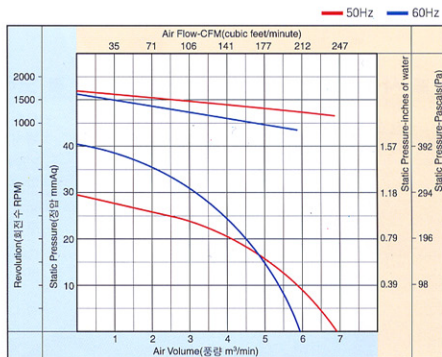
치수표 (Dimensions)

Unit: mm

Model No	A	B	C	D	E	F	G	H	I	J	K	L	Weight App(Kg)
AOS2D-120-126A	70	155	50	171	70	185	90	100	110	90	190	200	2.8
AOS2D-133-150A	70	180	50	196	70	210	90	100	110	90	190	200	3.5
AOS4D-133-200A		230		246		4.2							
AOS2D-145-150A - I	92	180	60	196	92	210	100	108	122	95	208	217	4.5
AOS2D-145-150A - II	150	150	112	136	158	156	137	108	120	96	245	216	4.0
AOS4D-145-200A	92	230	60	246	92	260	100	108	122	95	208	217	5.5
AOS2D-160-160A	92	190	60	206	92	220	120	129	146	114	249	260	5.8
AOS4D-160-200A		240		256		6.2							
AOS4D-180-180A	120	215	86	231	120	245	145	151	171	133	296	304	9.2

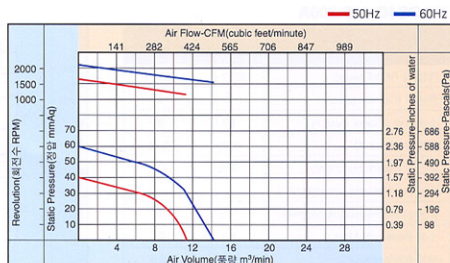
● AOS2D-120-126A

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220/1 φ	220/1 φ
콘덴서 (Condenser:μF)	2.5	2.5
소비전력 (Power Input:W)	100	110
전류 (Ampere:A)	0.53	0.47
회전수 (Revolution:RPM)	1650	1600
풍량 (Air Volume: m ³ /min)MAX	7.0	6.0
정압 (Static Pressure:mmAq)MAX	30	40
소음 (Noise:dB)MAX	52	51
무게 (Weight:Kg)	2.8	2.8



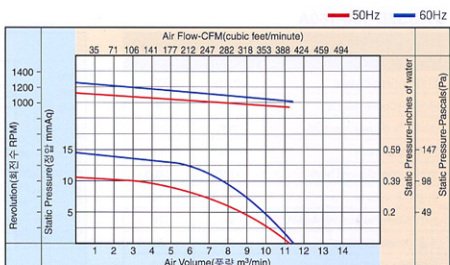
● AOS2D-133-150A

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V 1φ	220V 1φ
콘덴서 (Capacitor:μF)	4	4
소비전력 (Power Input:W)	180	195
전류 (Ampere:A)	0.8	0.9
회전수 (Revolution:RPM)	1700	2100
풍량 (Air Volume: m ³ /min)MAX	11.7	13.3
정압 (Static Pressure:mmAq)MAX	40	60
소음 (Noise:dB)MAX	59	59
무게 (Weight:Kg)	3.5	3.5



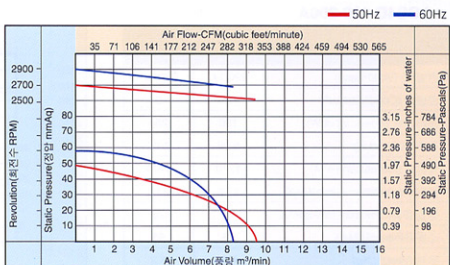
● AOS4D-133-200A

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V 1φ	220V 1φ
콘덴서 (Capacitor:μF)	2	2
소비전력 (Power Input:W)	80	95
전류 (Ampere:A)	0.38	0.45
회전수 (Revolution:RPM)	1160	1230
풍량 (Air Volume: m ³ /min)MAX	11.3	11.6
정압 (Static Pressure:mmAq)MAX	11	14.8
소음 (Noise:dB)MAX	50	52
무게 (Weight:Kg)	4.2	4.2



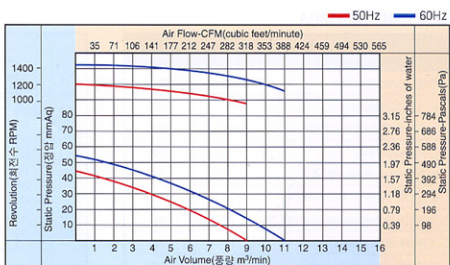
● AOS2D-145-150A- I (STEEL Casing)

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V 1φ	220V 1φ
콘덴서 (Capacitor:μF)	6	6
소비전력 (Power Input:W)	189	207
전류 (Ampere:A)	0.86	0.94
회전수 (Revolution:RPM)	2700	2900
풍량 (Air Volume: m ³ /min)MAX	9.5	8.2
정압 (Static Pressure:mmAq)MAX	49	58
소음 (Noise:dB)MAX	62	59
무게 (Weight:Kg)	4.5	4.5



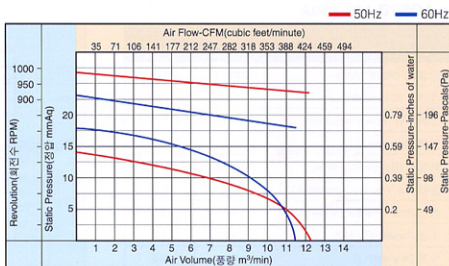
● AOS2D-145-150A- II (PLASTIC Casing)

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V 1φ	220V 1φ
콘덴서 (Capacitor:μF)	4	4
소비전력 (Power Input:W)	-	200
전류 (Ampere:A)	0.8	0.9
회전수 (Revolution:RPM)	1200	1450
풍량 (Air Volume: m ³ /min)MAX	9	11
정압 (Static Pressure:mmAq)MAX	45	54
소음 (Noise:dB)MAX	58	60
무게 (Weight:Kg)	3.5	3.5



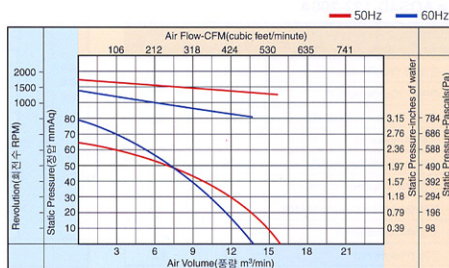
● AOS4D-145-200A

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V/1φ	220V/1φ
콘덴서 (Condenser:μF)	2	2
소비전력 (Power Input:W)	83	95
전류 (Ampere:A)	0.38	0.45
회전수 (Revolution:RPM)	980	910
풍량 (Air Volume: ml/min)MAX	12	11.5
정압 (Static Pressure:mmAq)MAX	14.5	18
소음 (Noise:dB)MAX	52	51
무게 (Weight:Kg)	5.5	5.5



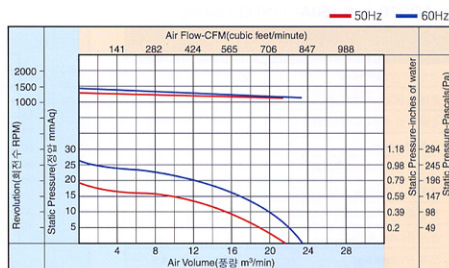
● AOS2D-160-160A

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V/1φ	220V/1φ
콘덴서 (Condenser:μF)	8	8
소비전력 (Power Input:W)	265	290
전류 (Ampere:A)	1.3	1.4
회전수 (Revolution:RPM)	1750	1400
풍량 (Air Volume: ml/min)MAX	14	16
정압 (Static Pressure:mmAq)MAX	65	78
소음 (Noise:dB)MAX	60	56
무게 (Weight:Kg)	5.8	5.8



● AOS4D-160-200A

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V/1φ	220V/1φ
콘덴서 (Condenser:μF)	6	6
소비전력 (Power Input:W)	190	280
전류 (Ampere:A)	0.82	1.20
회전수 (Revolution:RPM)	1370	1470
풍량 (Air Volume: ml/min)MAX	21.6	23.5
정압 (Static Pressure:mmAq)MAX	19	26
소음 (Noise:dB)MAX	68	65
무게 (Weight:Kg)	6.2	6.2



● AOS4D-180-180A

구분 (ITEM)	50Hz	60Hz
전압/상 (Volt/Phase)	220V/1φ	220V/1φ
콘덴서 (Condenser:μF)	6	6
소비전력 (Power Input:W)	225	260
전류 (Ampere:A)	1.0	1.5
회전수 (Revolution:RPM)	1250	1300
풍량 (Air Volume: ml/min)MAX	26	28
정압 (Static Pressure:mmAq)MAX	23	32
소음 (Noise:dB)MAX	57	59
무게 (Weight:Kg)	9.2	9.2

