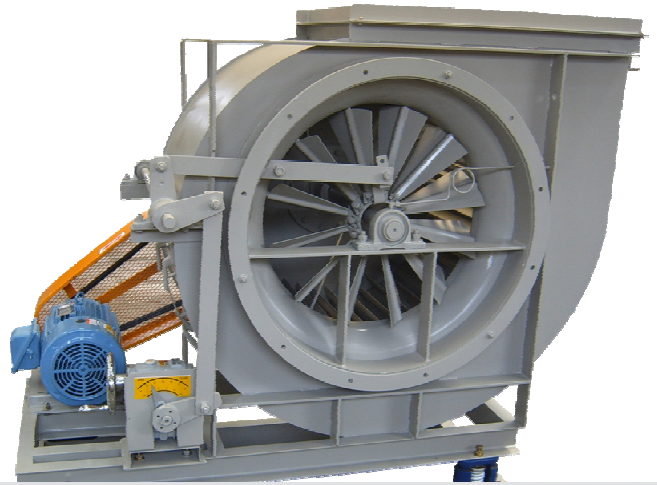


Bulletin
NO.: BMS-A101
October 2015



SIROCCO FAN SINGLE INLET

FAN & BLOWER SYSTEM

BMS Series



CONTENTS

1. 제품 특징
2. 기술 현황
3. Performance Curve
4. Out-Line Dimension

고풍량, 저소음, 저진동

SIROCCO FAN - SISW

고풍량, 저소음, 저진동

회전체의 형상이 Forward curved 로써,
대풍량·저정압의 특성으로 풍량변동에
따른 정압의 변화가 적다.

저속으로 많은 기류형성이 가능함으로
저소음 및 정속운전이 가능하여 건물의
급·배기용으로 적합하다

Wheel Dia. 300~2,000mm

풍량 (m ³ /min)	토출속도 (m/s)	정압 (mmAq)
20	4.5	5
~	~	~
4,000	20	90



뛰어난 성능의 WHEEL



정량화된 설계 및 금형작업으로 성능의 신뢰성 및
제품의 균일화를 실현하였습니다.

각부품별 리벳 또는 용접으로 견고히 제작하여
운전시 Wheel 의 Run- out 을 최소화 하였습니다.

1. 제품 특징

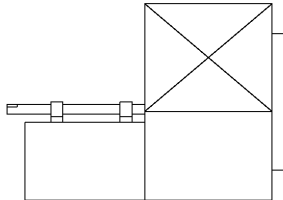


검증된 성능

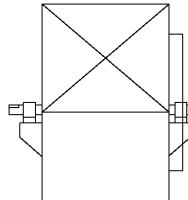
당사는 본 카다로그에서 보여지는 Sirocco Fan의 SISW 제품에 관하여 AMCA SEAL (Sound & Performance)를 사용하도록 승인되었습니다.

본 카다로그의 성능평가는 AMCA 출판물 211과 동일하게 시행된 TEST 와 절차에 의거하였으며, AMCA 보증평가 프로그램과 일치합니다.

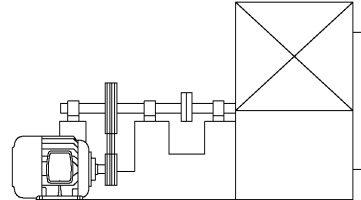
송풍기의 배열



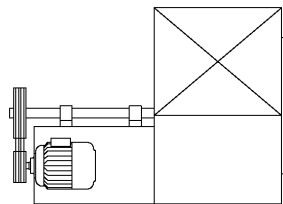
Arrangements - 1



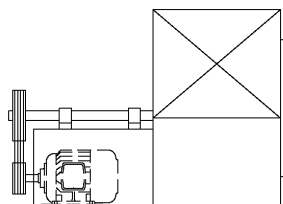
Arrangements - 3



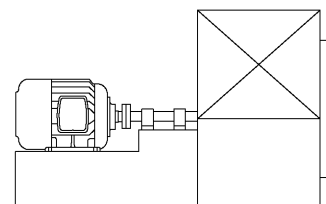
Arrangements - 8 (Belt Drive)



Arrangements - 9



Arrangements - 10



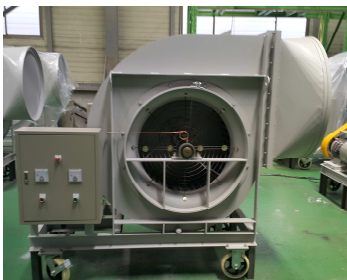
Arrangements - 8 (Direct Drive)

배 열 (ARRANGEMENTS)

송풍기의 배열은 A/# 또는 Arrgt.#로 약칭된 숫자로 지정합니다.

사용목적에 맞게 다양한 배열을 통하여 사용상 적합한 기류의 방향과 보수가 용이하게 설치됩니다.

다양한 Accessory



Local Control Panel
& Caster



Shaft Cooling Wheel



Safety Cover

2. 기술 현황



AMCA SEAL

AMCA 에서 승인된 Laboratory 에서 소음(dB)과 성능(풍량, 정압, 축동력)을 검증 하여 제품 카타로그의 데이터를 보증해 주는 국제적으로 공신력이 있는 연구기관의 인증서로 본 Sirocco Fan 편흡입의 제품군에 부착됩니다.



KARSE 인증

한국설비기술협회(KARSE)는 공기조화, 위생설비, 에너지 및 환경과 관련된 설비분야의 표준화와 품질인증, 기술에 대한 R&D, 사회적인 제도개선 등을 위해 설립된 건설교통부 산하단체입니다.

설비분야별 제조 및 품질에 대한 규격을 KARSE가 규정하여 이를 기반으로

- 제품의 품질향상과 거래의 공정화를 도모함으로써 소비자의 권익보호
- 동일 업종의 생산자들이 단체표준을 준수함으로써 생산성 향상, 성능확보



ISO 9001:2008

ISO 9001 인증

ISO 9001은 국제표준화기구 기술위원회에서 제정한 품질경영과 품질보증에 관한 일련의 국제규격입니다.

본 인증은 이 규격을 바탕으로 회사에 적합한 품질 경영 시스템을 수립하여 제3자 인증기관으로부터 자사 품질경영 시스템의 적합성 및 실행상태를 평가 받아 고객에게 신뢰할 수 있는 제품과 서비스를 공급하는 체제를 갖추어 운용하고 있다는 것을 보증하는 것으로, 공급자 품질시스템에 대한 심사 및 등록제도입니다.

3. PERFORMANCE CURVE

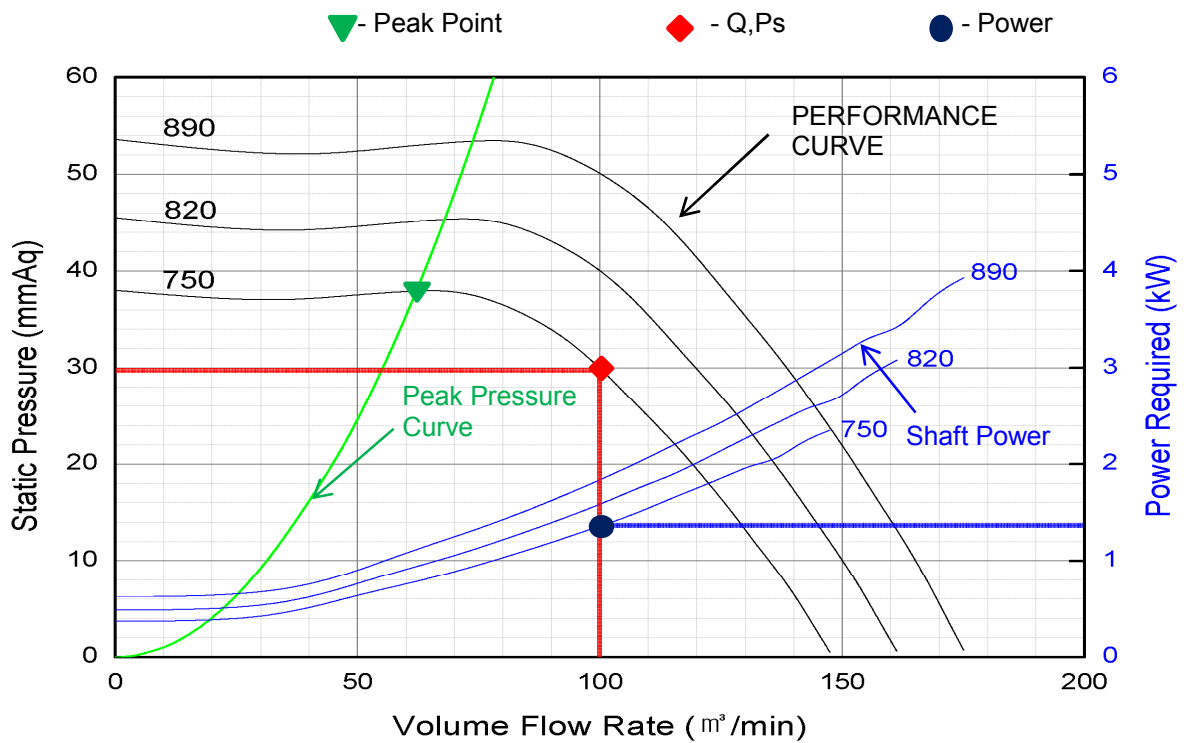


Guide of Performance Curve

각 페이지는 하나의 팬 규격에 대한 모든 성능, 정압, 동력, 소음 등의 데이터가 수록되어 있습니다.
그림- 1 은 BMS- 0450 (# 3 SS)의 성능 곡선의 표시법에 대한 설명입니다.

※ 풍량 : 100 CMM, 정압 : 30 mmAq 에서의

1. **Performance Curve** - 제품이 750 rpm 으로 운전시의 정압과 풍량을 표시합니다.
2. **Shaft Power** - 제품의 750 rpm 으로 운전시의 축동력을 표시합니다.
3. **Peak Pressure Curve** - 팬의 회전수별 시스템 커브상의 최대 사용 가능 정압을 표시합니다.



< 그림 - 1 >

750 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	105	36	27	1.45	32.5	42.6	84
	99	38	30	1.37	36	45.1	83
	90	41	34	1.19	42.5	50.2	81
	74	42	38	0.94	48.8	54.4	80
	62	41	38	0.79	49.4	53.3	80

Item and Description

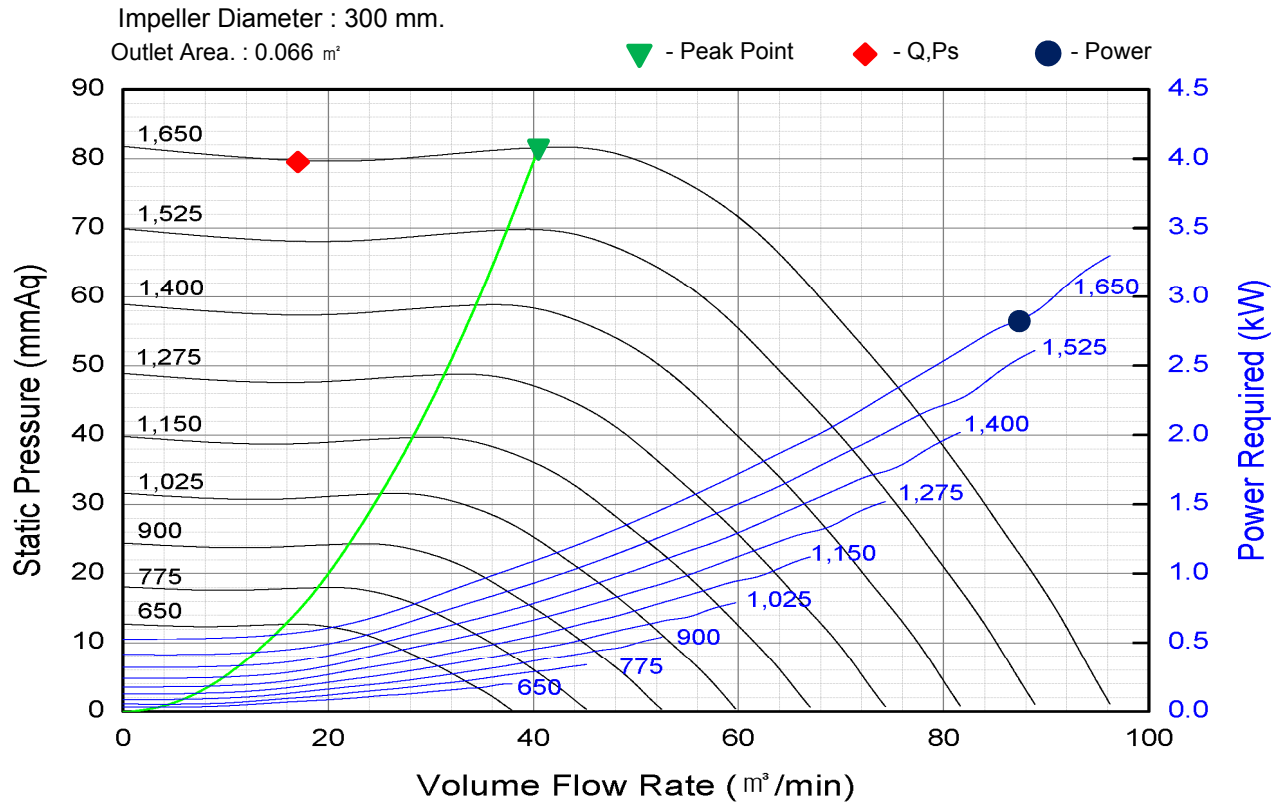
Q	- Air Volume (m³ /min)
Pt	- Total Pressure (mmAq)
Ps	- Static Pressure (mmAq)
Shaft .PW	- Shaft Power (kW)
SP.Eff.	- Static Pressure Efficiency (%)
Total Eff.	- Total Pressure Efficiency (%)
LwiA	- Sound Power Level (dBA)

BMS-0315 (# 2 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



775 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	32	17	12	0.21	32.5	42.6	69
	30	18	14	0.20	36.0	45.1	69
	27	19	16	0.18	42.5	50.2	68
	22	20	18	0.14	48.8	54.4	67
900 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	37	23	17	0.33	32.5	42.6	73
	35	24	19	0.32	36.0	45.1	72
	32	26	21	0.28	42.5	50.2	71
	26	27	24	0.22	48.8	54.4	71
1025 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	42	30	22	0.49	32.5	42.6	80
	40	31	25	0.46	36.0	45.1	78
	36	34	28	0.40	42.5	50.2	77
	29	35	31	0.32	48.8	54.4	75
1150 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	47	37	28	0.69	32.5	42.6	83
	45	40	31	0.65	36.0	45.1	82
	40	42	35	0.57	42.5	50.2	80
	33	44	39	0.45	48.8	54.4	78
1275 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	52	46	35	0.94	32.5	42.6	85
	50	49	38	0.89	36.0	45.1	84
	45	52	44	0.77	42.5	50.2	82
	37	54	48	0.61	48.8	54.4	81
1400 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	58.0	55.5	42	1.24	32.5	42.6	88
	55.0	58.5	46	1.17	36.0	45.1	87
	49.0	62.8	53	1.02	42.5	50.2	85
	40.0	65.4	58	0.81	48.8	54.4	83

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

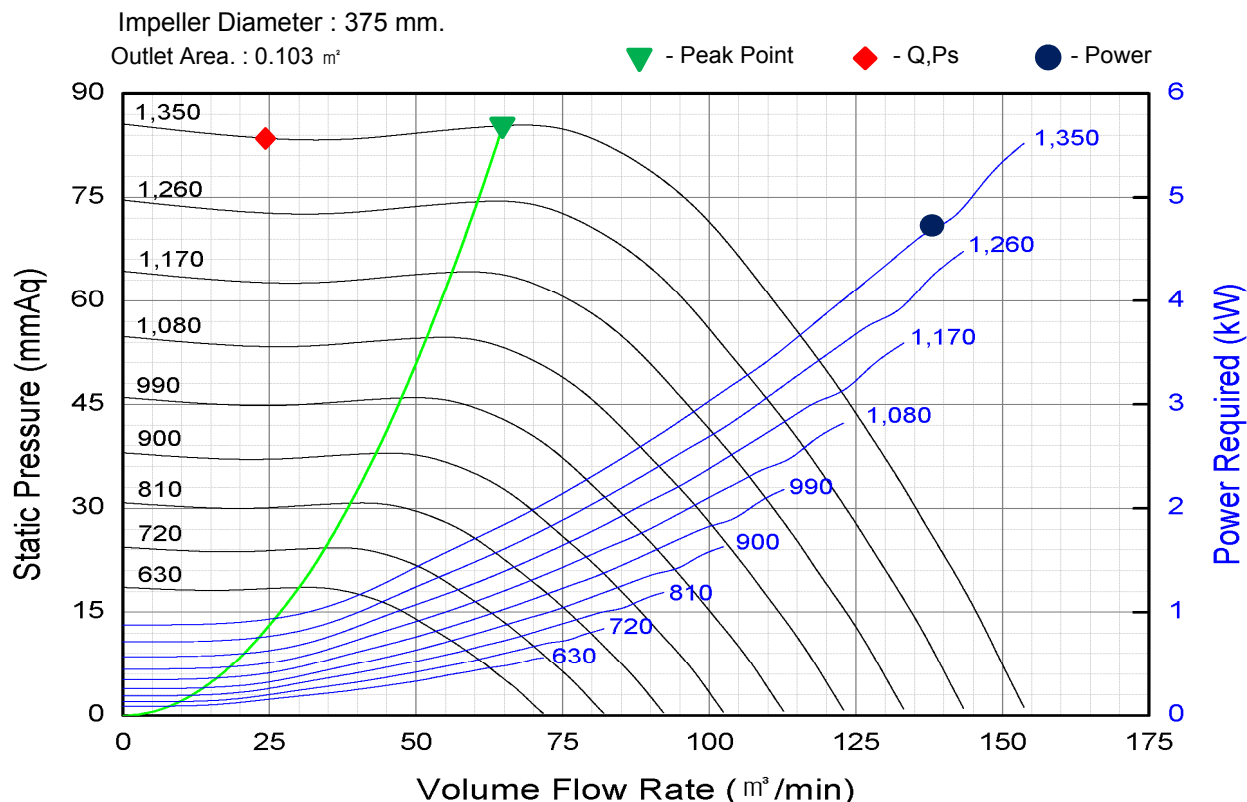
The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0355 (# 2 1/2 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



720 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	58	23	17	0.52	32.5	42.6	78
	55	24	19	0.49	36.0	45.1	77
	50	26	21	0.43	42.5	50.2	75
	41	27	24	0.34	48.8	54.4	73
810 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	65	29	22	0.73	32.5	42.6	81
	62	31	24	0.69	36.0	45.1	80
	56	33	27	0.61	42.5	50.2	78
	46	34	30	0.48	48.8	54.4	76
900 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	80	43	33	1.34	32.5	42.6	85
	76	46	36	1.26	36.0	45.1	84
	68	49	41	1.10	42.5	50.2	82
	56	51	46	0.87	48.8	54.4	81
990 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	87	52	39	1.73	32.5	42.6	88
	83	54	43	1.64	36.0	45.1	87
	75	58	49	1.43	42.5	50.2	85
	61	61	54	1.13	48.8	54.4	83
1080 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	51	59	54	0.94	49.4	53.3	83
1170 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	94.0	60.6	46	2.20	32.5	42.6	90
	90.0	63.9	50	2.08	36.0	45.1	89
	81.0	68.5	57	1.82	42.5	50.2	87
	66.0	71.4	64	1.44	48.8	54.4	85

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

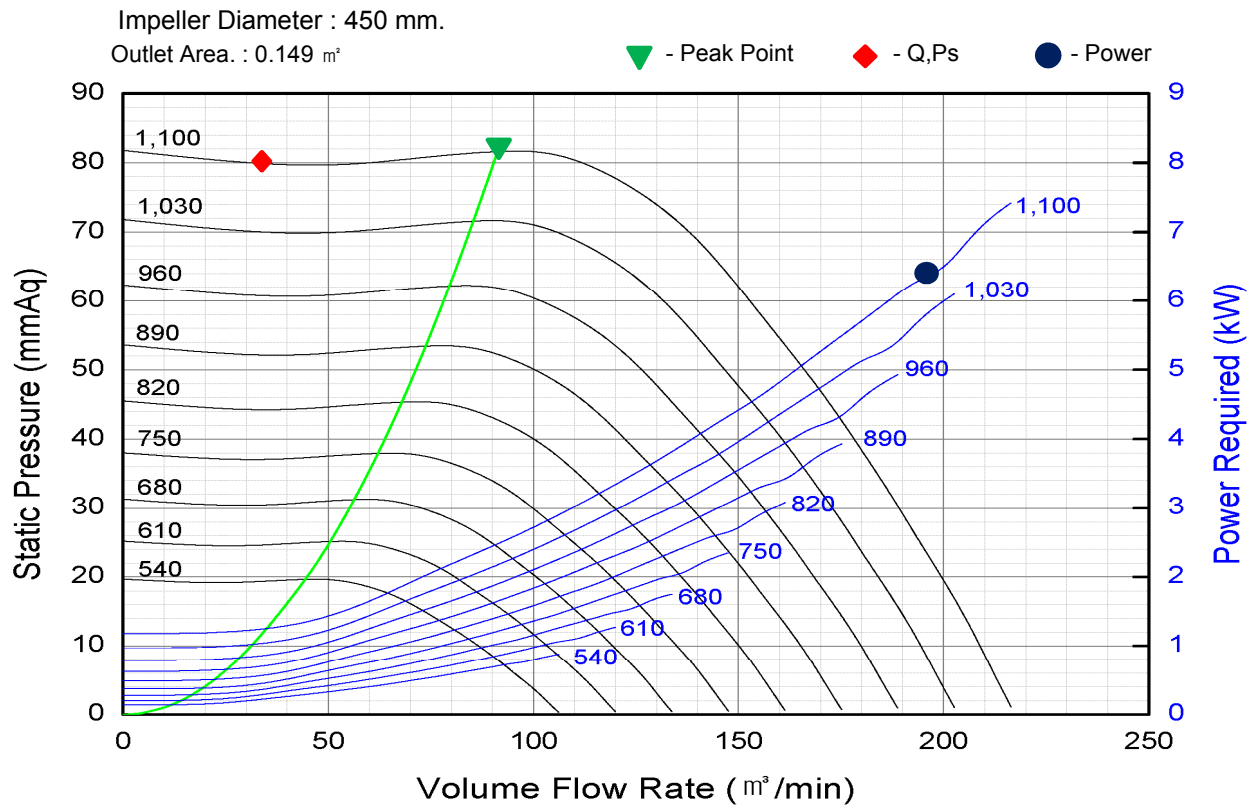
The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0450 (# 3 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



610 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	85	24	18	0.78	32.5	42.6	79
	81	25	19	0.74	36.0	45.1	78
	73	27	22	0.64	42.5	50.2	76
	60	28	25	0.51	48.8	54.4	74
680 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	95	29	22	1.08	32.5	42.6	82
	90	31	24	1.02	36.0	45.1	81
	81	33	28	0.89	42.5	50.2	79
	67	35	31	0.70	48.8	54.4	77
750 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	105	36	27	1.45	32.5	42.6	84
	99	38	30	1.37	36.0	45.1	83
	90	41	34	1.19	42.5	50.2	81
	74	42	38	0.94	48.8	54.4	80
820 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	114	43	32	1.89	32.5	42.6	87
	109	45	36	1.79	36.0	45.1	85
	98	49	41	1.56	42.5	50.2	83
	80	51	45	1.23	48.8	54.4	82
890 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	124	51	38	2.41	32.5	42.6	88
	118	53	42	2.28	36.0	45.1	87
	107	57	48	1.99	42.5	50.2	85
	87	60	53	1.57	48.8	54.4	84
960 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	134.0	58.7	44	3.03	32.5	42.6	90
	127.0	61.9	49	2.86	36.0	45.1	89
	115.0	66.4	56	2.50	42.5	50.2	87
	94.0	69.2	62	1.97	48.8	54.4	86

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0500 (# 3 1/2 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



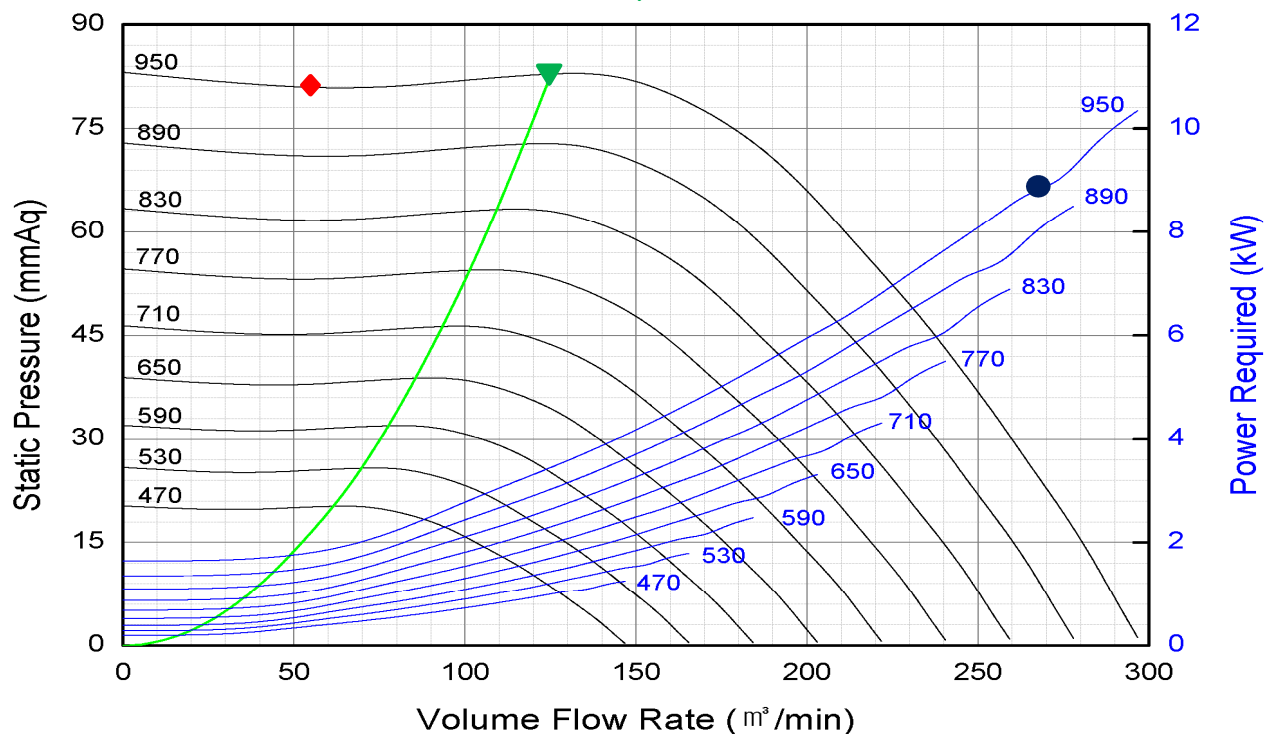
Impeller Diameter : 525 mm.

Outlet Area. : 0.202 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



530 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	117	24	18	1.10	32.5	42.6	80
	111	26	20	1.04	36.0	45.1	79
	101	28	23	0.91	42.5	50.2	77
	83	29	25	0.72	48.8	54.4	76
	69	28	25	0.60	49.4	53.3	76

500 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	131	30	23	1.52	32.5	42.6	83
	124	32	25	1.44	36.0	45.1	82
	112	34	28	1.26	42.5	50.2	80
	92	36	32	0.99	48.8	54.4	78
	77	35	32	0.83	49.4	53.3	78

650 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	144	37	27	2.03	32.5	42.6	85
	137	39	30	1.92	36.0	45.1	84
	124	41	35	1.68	42.5	50.2	82
	101	43	38	1.33	48.8	54.4	81
	85	42	38	1.11	49.4	53.3	81

710 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	157	44	33	2.65	32.5	42.6	88
	149	46	36	2.50	36.0	45.1	87
	135	49	41	2.19	42.5	50.2	85
	111	52	46	1.73	48.8	54.4	83
	93	50	46	1.44	49.4	53.3	83

770 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	171	51	39	3.38	32.5	42.6	90
	162	54	43	3.19	36.0	45.1	88
	147	58	49	2.79	42.5	50.2	86
	120	61	54	2.20	48.8	54.4	85
	101	59	54	1.83	49.4	53.3	85

830 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	184	60	45	4.23	32.5	42.6	91
	175	63	50	4.00	36.0	45.1	90
	158	68	57	3.49	42.5	50.2	88
	130	70	63	2.75	48.8	54.4	87
	109	68	63	2.30	49.4	53.3	87

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

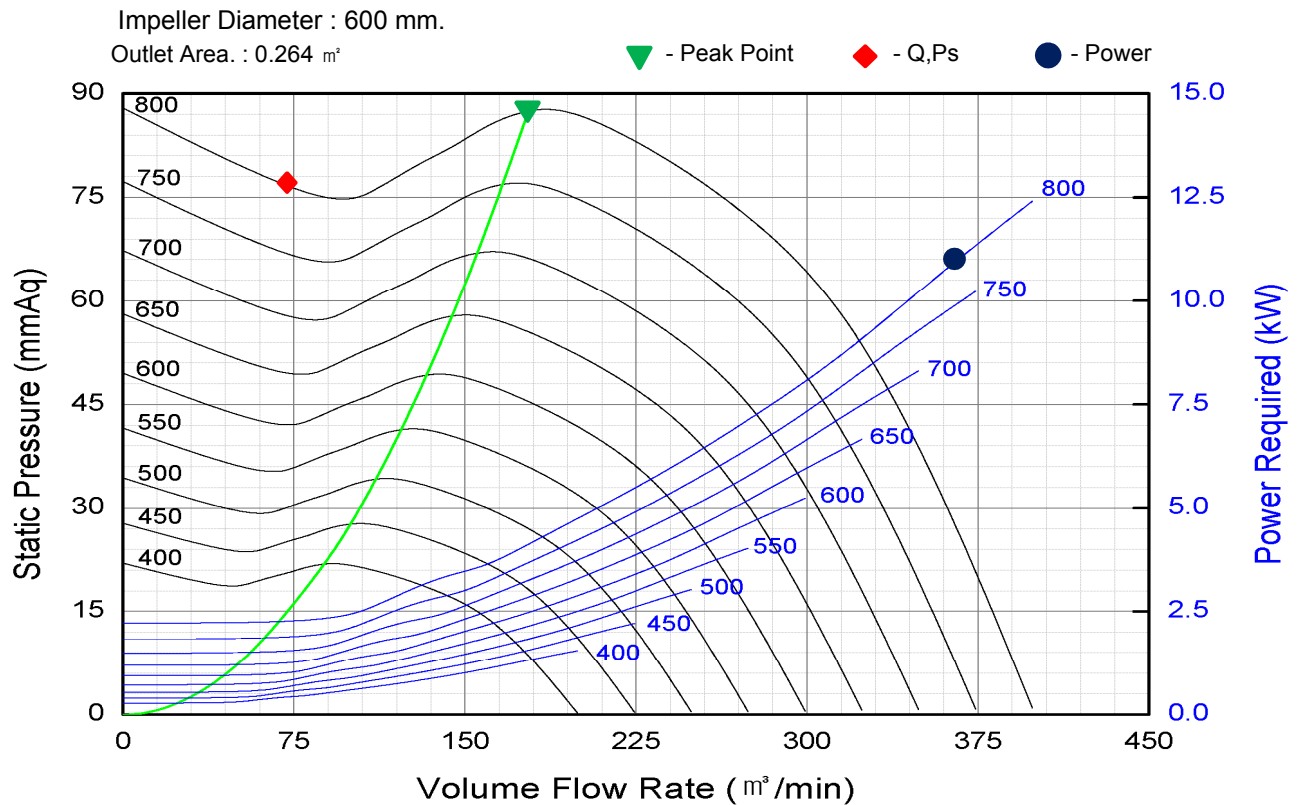
The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0630 (# 4 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



450 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	133	30	25	1.04	53.6	62.7	77
	111	31	27	0.84	60.2	66.7	75
	100	30	27	0.74	61.8	67.2	75
	89	29	27	0.64	62.0	66.5	75
500 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	148	37	31	1.43	53.6	62.7	80
	123	38	34	1.15	60.2	66.7	77
	111	37	34	1.02	61.8	67.2	77
	99	36	33	0.88	62.0	66.5	78
550 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	162	45	38	1.90	53.6	62.7	82
	136	46	41	1.53	60.2	66.7	80
	122	45	41	1.35	61.8	67.2	80
	109	43	40	1.17	62.0	66.5	81
600 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	177	53	45	2.47	53.6	62.7	85
	148	55	49	1.99	60.2	66.7	83
	133	54	49	1.75	61.8	67.2	83
	119	52	48	1.52	62.0	66.5	83
650 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	192	63	53	3.14	53.6	62.7	87
	160	64	57	2.53	60.2	66.7	85
	144	63	58	2.22	61.8	67.2	85
	129	61	56	1.93	62.0	66.5	86
700 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	207	73	62	3.92	53.6	62.7	88
	173	75	67	3.16	60.2	66.7	87
	155	73	67	2.78	61.8	67.2	87
	139	70	65	2.41	62.0	66.5	87

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0680 (# 4 1/2 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



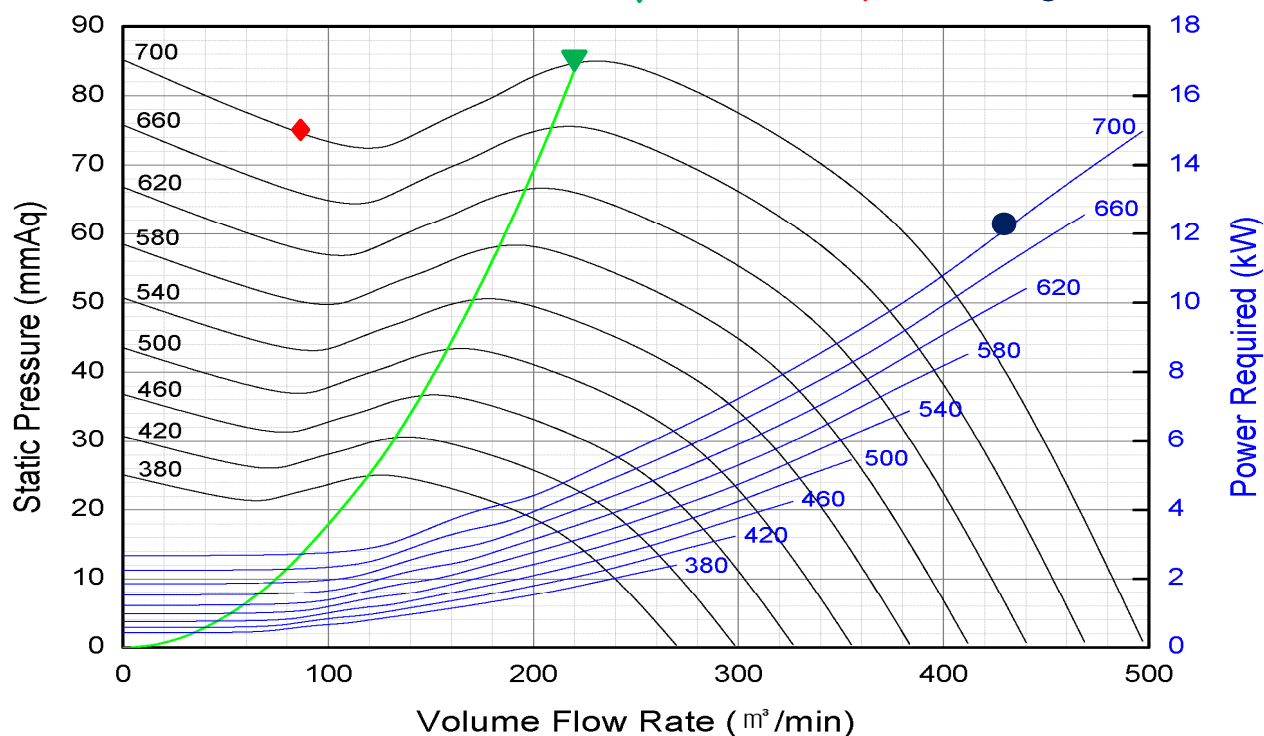
Impeller Diameter : 675 mm.

Outlet Area. : 0.334 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



420 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	177	33	28	1.53	53.6	62.7	78
	148	34	30	1.23	60.2	66.7	76
	133	33	30	1.08	61.8	67.2	76
	119	32	29	0.94	62.0	66.5	78
	108	31	28	0.90	57.0	60.5	78

460 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	194	40	33	2.01	53.6	62.7	81
	162	41	36	1.62	60.2	66.7	79
	145	40	36	1.42	61.8	67.2	79
	130	38	35	1.23	62.0	66.5	80
	118	37	34	1.18	57.0	60.5	80

500 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	210	47	40	2.58	53.6	62.7	83
	176	48	43	2.08	60.2	66.7	81
	158	47	43	1.83	61.8	67.2	81
	141	45	42	1.58	62.0	66.5	82
	129	43	40	1.51	57.0	60.5	83

540 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	227	55	46	3.24	53.6	62.7	85
	190	56	50	2.61	60.2	66.7	83
	171	55	50	2.30	61.8	67.2	83
	153	53	49	1.99	62.0	66.5	84
	139	50	47	1.90	57.0	60.5	85

580 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	244	63	53	4.02	53.6	62.7	87
	204	65	58	3.24	60.2	66.7	85
	184	64	58	2.85	61.8	67.2	85
	164	61	56	2.47	62.0	66.5	86
	149	58	54	2.36	57.0	60.5	87

620 RPM	Q m ³ /m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	261	72	61	4.91	53.6	62.7	89
	218	74	66	3.95	60.2	66.7	87
	196	73	66	3.48	61.8	67.2	87
	176	70	65	3.01	62.0	66.5	88
	160	66	62	2.88	57.0	60.5	89

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

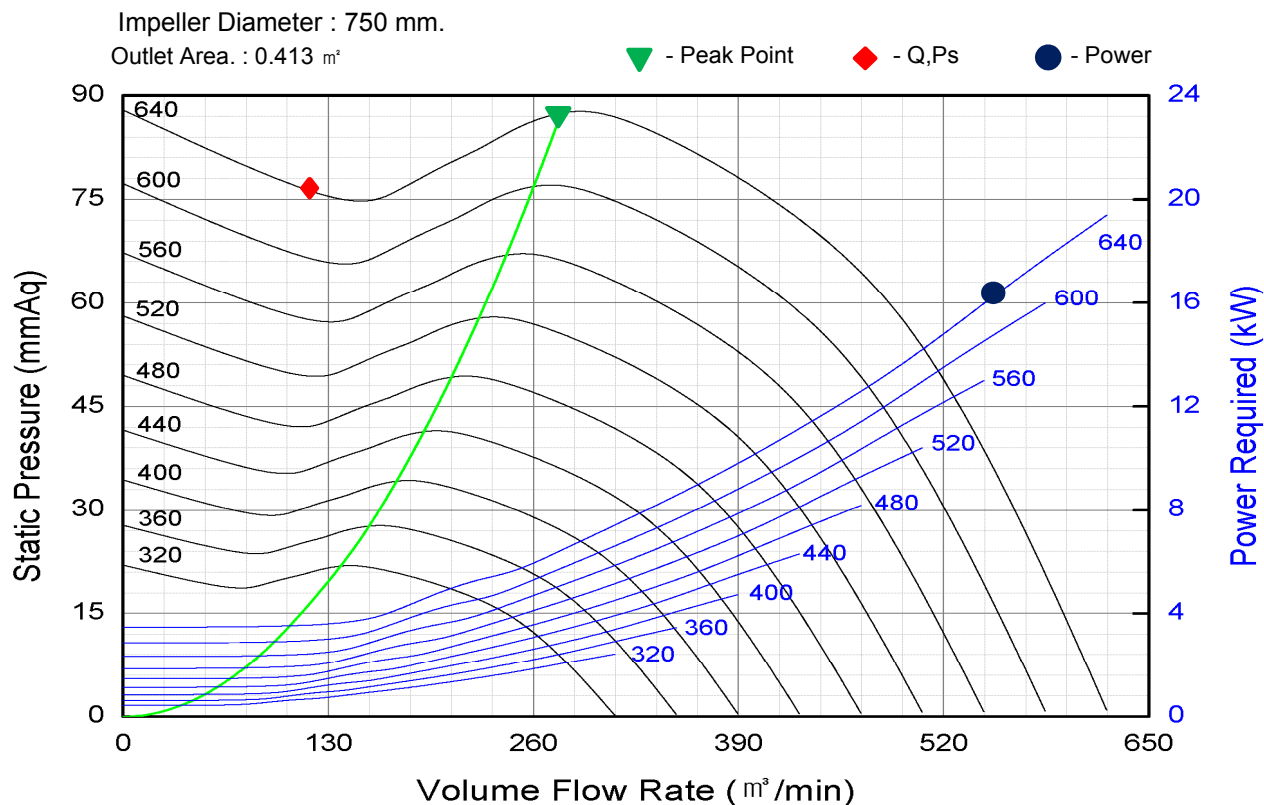
The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0710 (# 5 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



360 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	208	30	25	1.63	53.6	62.7	78
	174	31	27	1.31	60.2	66.7	76
	156	30	27	1.16	61.8	67.2	76
	140	29	27	1.00	62.0	66.5	76
440 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	254	45	38	2.97	53.6	62.7	83
	212	46	41	2.39	60.2	66.7	81
	191	45	41	2.11	61.8	67.2	81
	171	43	40	1.83	62.0	66.5	81
520 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	300	63	53	4.90	53.6	62.7	87
	251	64	57	3.95	60.2	66.7	85
	226	63	58	3.47	61.8	67.2	85
	202	61	56	3.01	62.0	66.5	86

400 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	231	37	31	2.23	53.6	62.7	80
	193	38	34	1.80	60.2	66.7	78
	174	37	34	1.58	61.8	67.2	78
	155	36	33	1.37	62.0	66.5	79
480 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	277	53	45	3.86	53.6	62.7	85
	232	55	49	3.11	60.2	66.7	83
	208	54	49	2.73	61.8	67.2	83
	186	52	48	2.37	62.0	66.5	84
560 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	324	73	62	6.12	53.6	62.7	89
	270	75	67	4.93	60.2	66.7	87
	243	73	67	4.34	61.8	67.2	87
	218	70	65	3.76	62.0	66.5	88

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0800 (# 5 1/2 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



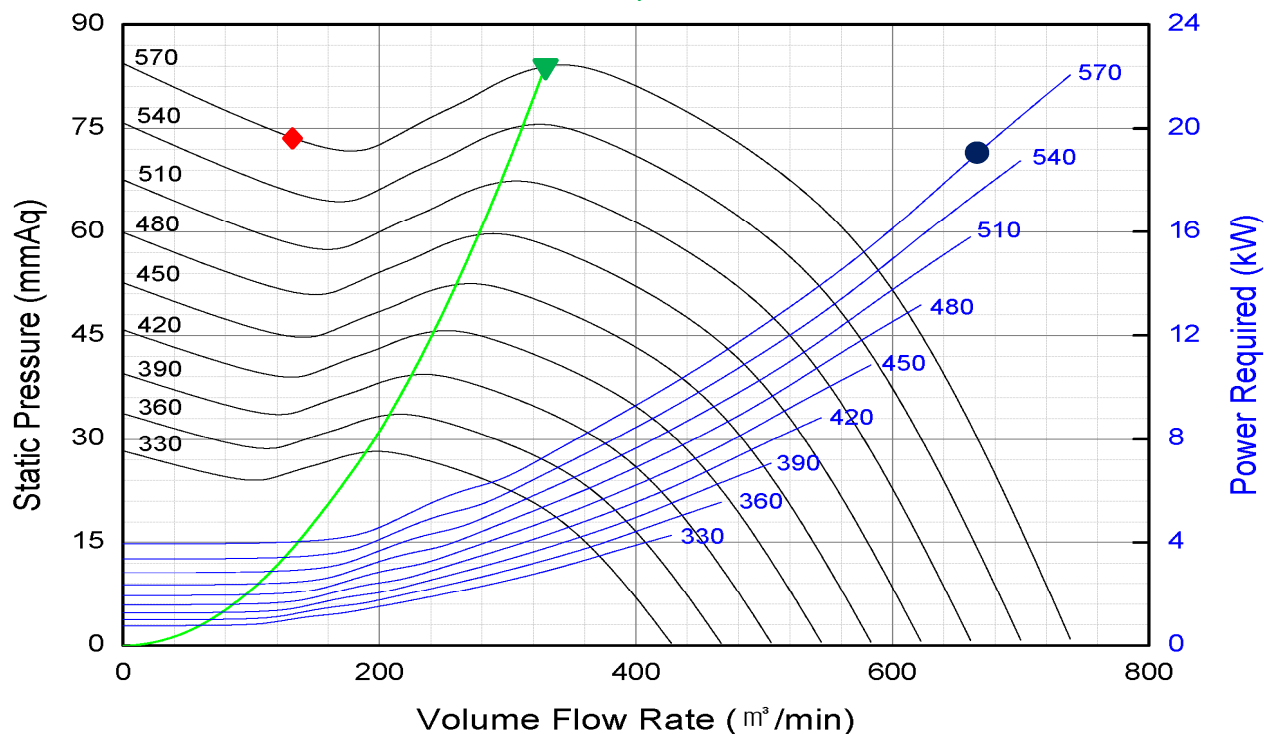
Impeller Diameter : 825 mm.

Outlet Area. : 0.499 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



360 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	277	36	31	2.62	53.6	62.7	80
	231	37	33	2.11	60.2	66.7	78
	208	37	33	1.86	61.8	67.2	78
	186	35	32	1.61	62.0	66.5	79
	169	33	31	1.54	57.0	60.5	80

390 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	300	43	36	3.33	53.6	62.7	82
	250	44	39	2.69	60.2	66.7	80
	225	43	39	2.36	61.8	67.2	80
	202	41	38	2.05	62.0	66.5	81
	184	39	36	1.95	57.0	60.5	82

420 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	323	49	42	4.16	53.6	62.7	84
	270	51	45	3.35	60.2	66.7	82
	243	50	45	2.95	61.8	67.2	82
	217	48	44	2.56	62.0	66.5	83
	198	46	42	2.44	57.0	60.5	84

450 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	346	57	48	5.12	53.6	62.7	86
	289	58	52	4.12	60.2	66.7	84
	260	57	52	3.62	61.8	67.2	84
	233	55	51	3.14	62.0	66.5	85
	212	52	49	3.00	57.0	60.5	86

480 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	369	65	55	6.21	53.6	62.7	88
	308	66	59	5.00	60.2	66.7	86
	278	65	59	4.40	61.8	67.2	86
	248	62	58	3.81	62.0	66.5	87
	226	60	56	3.64	57.0	60.5	88

510 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	392	73	62	7.45	53.6	62.7	90
	328	75	67	6.00	60.2	66.7	88
	295	74	67	5.27	61.8	67.2	88
	264	70	65	4.57	62.0	66.5	88
	240	67	63	4.36	57.0	60.5	89

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-0900 (# 6 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



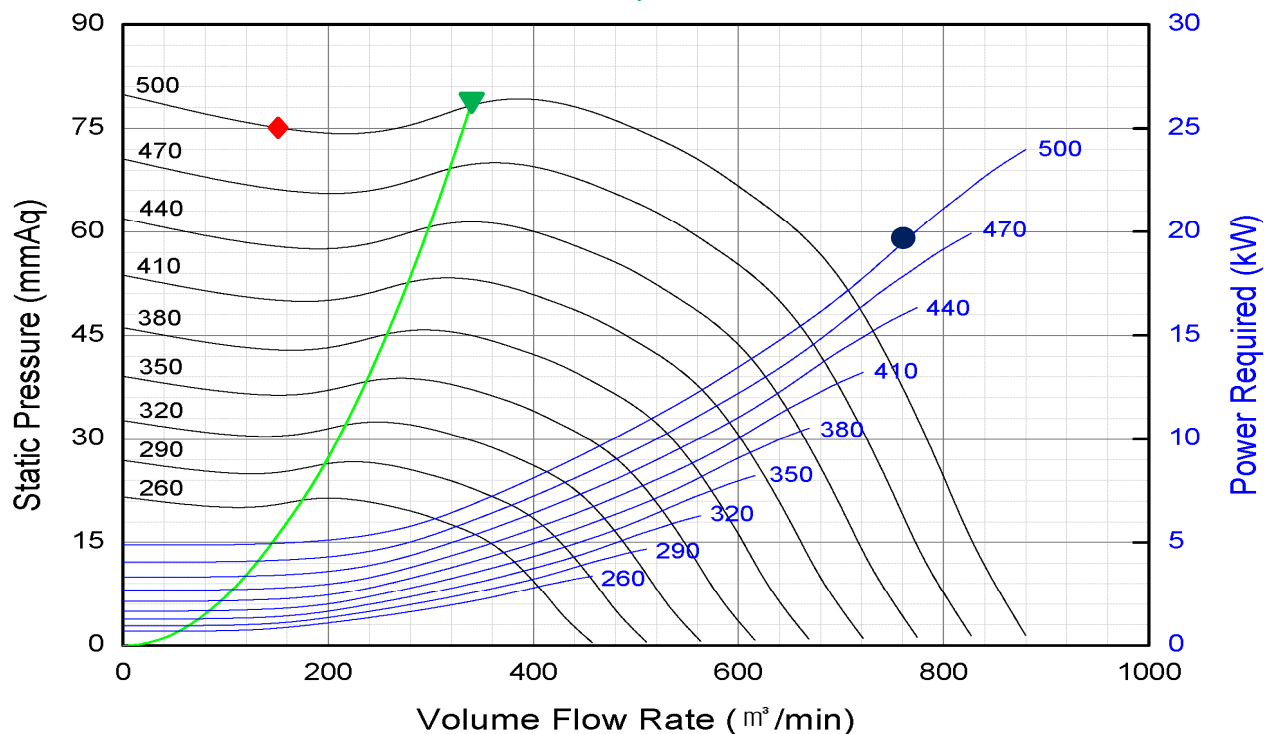
Impeller Diameter : 900 mm.

Outlet Area : 0.594 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
290 RPM	406	27	18	3.26	38.1	54.3	82
	354	28	22	2.70	47.2	60.2	79
	326	29	23	2.40	52.6	64.0	78
	300	29	24	2.16	56.4	66.3	78
	251	30	26	1.73	63.3	70.6	74
350 RPM	490	39	27	5.73	38.1	54.3	87
	427	41	32	4.75	47.2	60.2	85
	393	42	34	4.22	52.6	64.0	83
	362	42	36	3.79	56.4	66.3	82
	303	43	38	3.04	63.3	70.6	80
410 RPM	574	53	37	9.21	38.1	54.3	91
	501	56	44	7.63	47.2	60.2	88
	461	58	47	6.78	52.6	64.0	87
	424	58	49	6.10	56.4	66.3	86
	355	59	53	4.88	63.3	70.6	83

	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
320 RPM	448	33	22	4.38	38.1	54.3	85
	391	34	26	3.63	47.2	60.2	83
	359	35	28	3.23	52.6	64.0	81
	331	36	30	2.90	56.4	66.3	80
	277	36	32	2.32	63.3	70.6	77
380 RPM	532	46	32	7.34	38.1	54.3	89
	464	48	37	6.08	47.2	60.2	87
	427	50	40	5.40	52.6	64.0	86
	393	50	42	4.85	56.4	66.3	84
	329	51	45	3.89	63.3	70.6	81
440 RPM	616	61	43	11.39	38.1	54.3	93
	538	65	50	9.43	47.2	60.2	91
	494	66	54	8.38	52.6	64.0	89
	455	67	57	7.53	56.4	66.3	88
	381	68	61	6.03	63.3	70.6	84

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-1120 (# 7 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



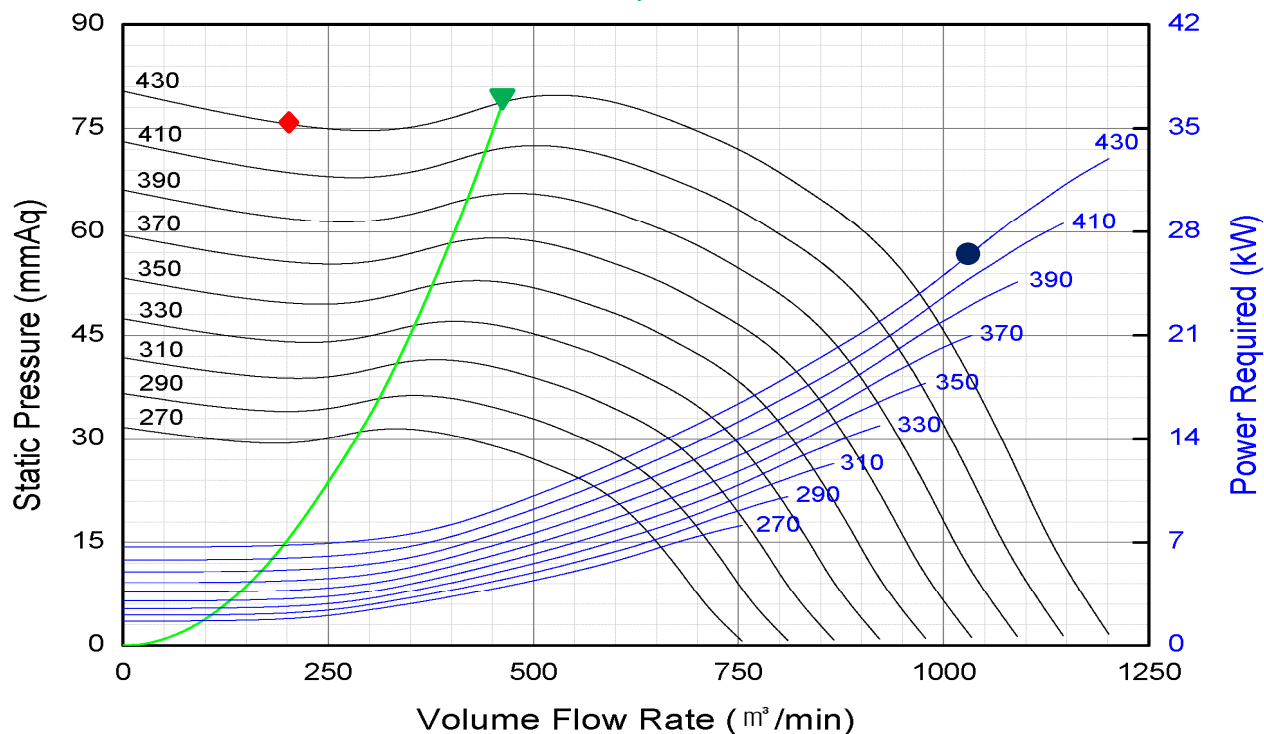
Impeller Diameter : 1,050 mm.

Outlet Area. : 0.8085 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



290 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	644	36	25	7.05	38.1	54.3	87
	563	38	30	5.84	47.2	60.2	84
	517	39	32	5.19	52.6	64.0	83
	477	40	33	4.66	56.4	66.3	82
330 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	733	47	33	10.38	38.1	54.3	90
	640	50	38	8.60	47.2	60.2	88
	589	51	41	7.64	52.6	64.0	87
	542	51	43	6.87	56.4	66.3	85
370 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	822	59	41	14.63	38.1	54.3	93
	718	62	48	12.12	47.2	60.2	91
	660	64	52	10.77	52.6	64.0	89
	608	65	54	9.68	56.4	66.3	89

310 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	689	42	29	8.61	38.1	54.3	88
	601	44	34	7.13	47.2	60.2	86
	553	45	36	6.33	52.6	64.0	85
	510	45	38	5.70	56.4	66.3	84
350 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	778	53	37	12.39	38.1	54.3	92
	679	56	43	10.26	47.2	60.2	89
	624	57	47	9.11	52.6	64.0	88
	575	58	49	8.19	56.4	66.3	87
390 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	867	66	46	17.13	38.1	54.3	94
	757	69	54	14.19	47.2	60.2	92
	696	71	58	12.61	52.6	64.0	91
	641	72	61	11.33	56.4	66.3	89

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-1250 (# 8 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



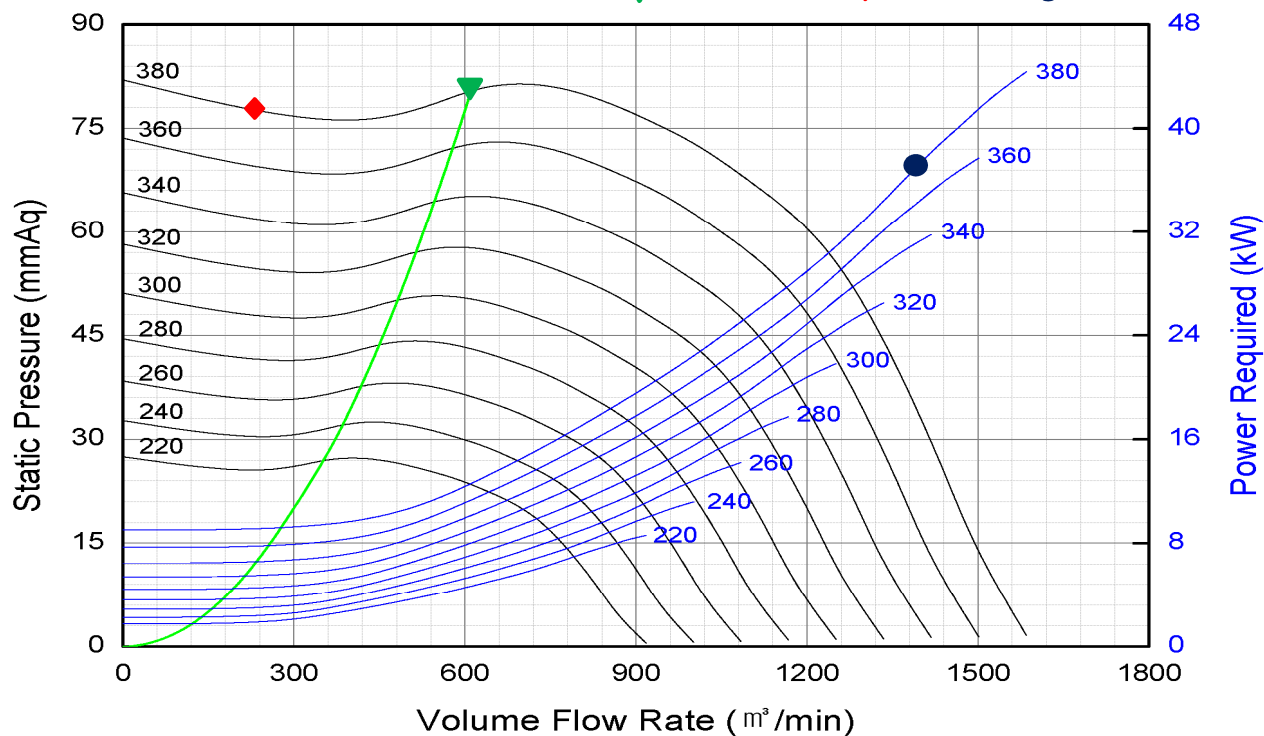
Impeller Diameter : 1,200 mm.

Outlet Area : 1.056 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



240 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	796	33	22	7.79	38.1	54.3	86
	695	34	26	6.45	47.2	60.2	84
	639	35	28	5.73	52.6	64.0	82
	589	36	30	5.15	56.4	66.3	80

260 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	862	38	26	9.90	38.1	54.3	88
	753	40	31	8.20	47.2	60.2	85
	693	41	33	7.29	52.6	64.0	84
	638	42	35	6.55	56.4	66.3	83

280 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	929	44	31	12.36	38.1	54.3	90
	811	47	36	10.24	47.2	60.2	87
	746	48	39	9.10	52.6	64.0	86
	687	48	41	8.18	56.4	66.3	85

300 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	995	51	35	15.21	38.1	54.3	92
	869	53	41	12.60	47.2	60.2	89
	799	55	45	11.19	52.6	64.0	88
	736	55	47	10.06	56.4	66.3	87

320 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1062	58	40	18.45	38.1	54.3	93
	927	61	47	15.29	47.2	60.2	91
	852	62	51	13.58	52.6	64.0	89
	785	63	53	12.21	56.4	66.3	89

340 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1128	65	45	22.13	38.1	54.3	95
	985	69	53	18.33	47.2	60.2	93
	906	71	58	16.29	52.6	64.0	91
	835	71	60	14.64	56.4	66.3	90

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-1400 (# 9 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



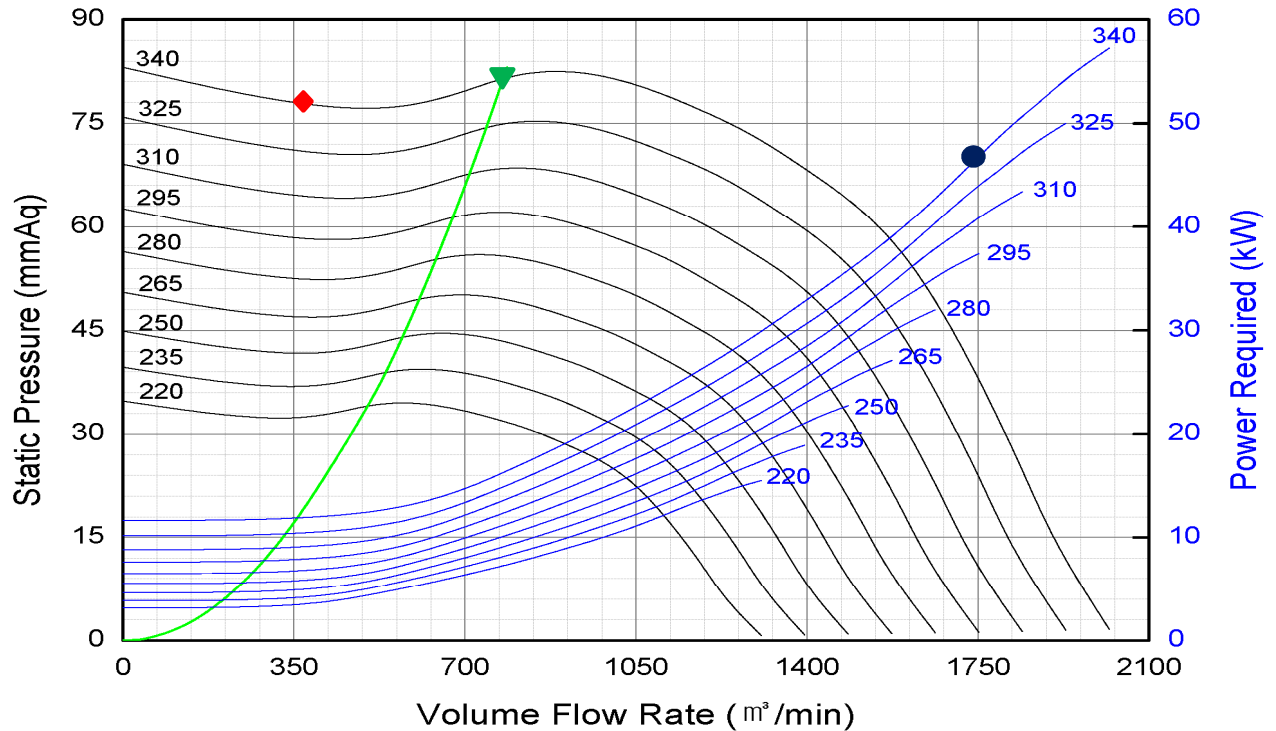
Impeller Diameter : 1,350 mm.

Outlet Area. : 1.337 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



235 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1110	39	27	13.17	38.1	54.3	89
	969	42	32	10.91	47.2	60.2	86
	891	43	35	9.69	52.6	64.0	84
	821	43	36	8.71	56.4	66.3	84
	687	44	39	6.97	63.3	70.6	80

250 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1181	45	31	15.86	38.1	54.3	90
	1031	47	36	13.14	47.2	60.2	88
	948	48	39	11.67	52.6	64.0	86
	874	49	41	10.49	56.4	66.3	85
	731	50	44	8.40	63.3	70.6	82

265 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1252	50	35	18.88	38.1	54.3	92
	1093	53	41	15.64	47.2	60.2	89
	1005	54	44	13.90	52.6	64.0	88
	926	55	46	12.49	56.4	66.3	87
	775	56	50	10.00	63.3	70.6	83

280 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1323	56	39	22.28	38.1	54.3	93
	1155	59	46	18.45	47.2	60.2	91
	1062	61	49	16.39	52.6	64.0	90
	979	61	52	14.74	56.4	66.3	88
	819	62	55	11.79	63.3	70.6	85

295 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1394	62	43	26.05	38.1	54.3	95
	1217	65	51	21.58	47.2	60.2	92
	1119	67	55	19.17	52.6	64.0	91
	1031	68	57	17.23	56.4	66.3	90
	862	69	62	13.79	63.3	70.6	86

310 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1464	69	48	30.23	38.1	54.3	96
	1279	72	56	25.04	47.2	60.2	94
	1176	74	61	22.24	52.6	64.0	92
	1084	75	63	20.00	56.4	66.3	91
	906	76	68	16.00	63.3	70.6	88

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

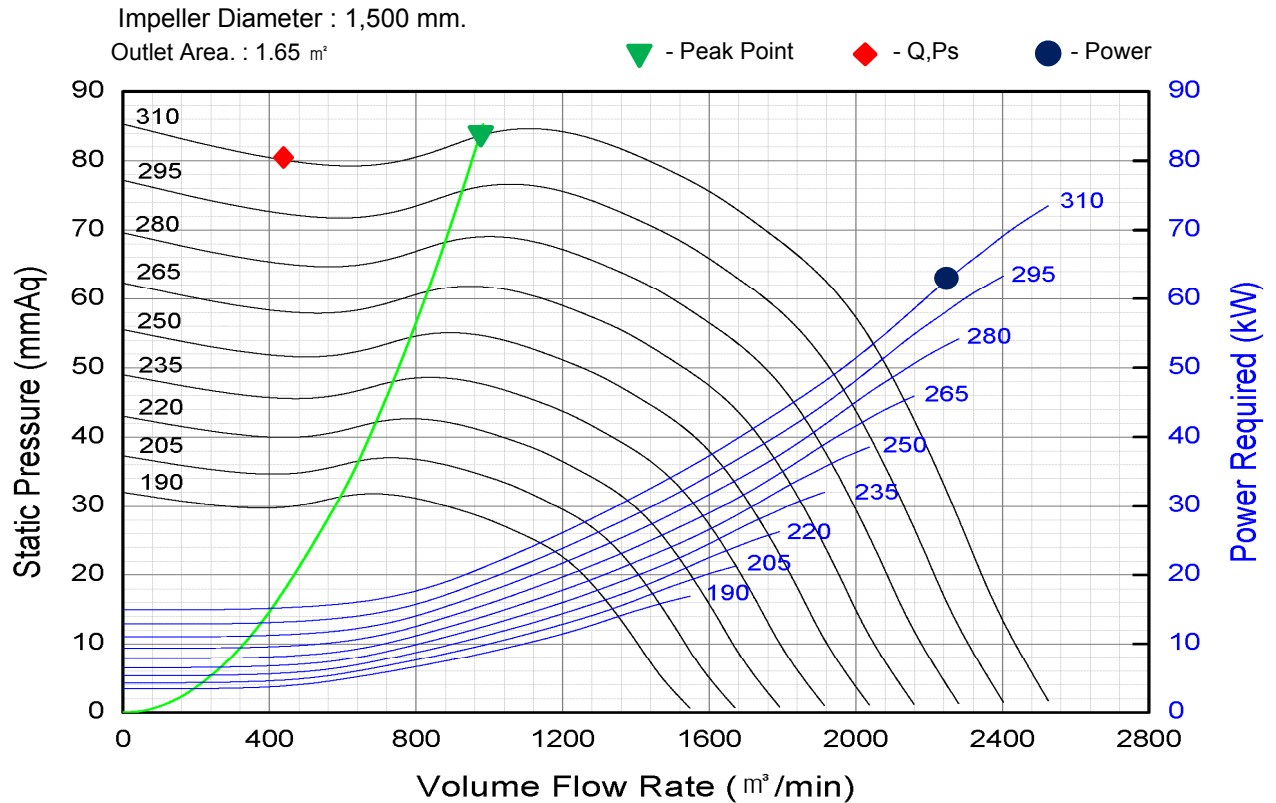
The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-1600 (# 10 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



205 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1328	37	26	14.81	38.1	54.3	88
	1160	39	30	12.27	47.2	60.2	86
	1067	40	32	10.90	52.6	64.0	85
	983	40	34	9.80	56.4	66.3	83
220 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1426	43	30	18.30	38.1	54.3	90
	1245	45	35	15.16	47.2	60.2	88
	1145	46	37	13.47	52.6	64.0	86
	1055	47	39	12.11	56.4	66.3	85
235 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1523	49	34	22.30	38.1	54.3	92
	1330	51	40	18.47	47.2	60.2	89
	1223	53	43	16.41	52.6	64.0	88
	1127	53	45	14.75	56.4	66.3	87
250 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1620	55	38	26.85	38.1	54.3	94
	1415	58	45	22.24	47.2	60.2	91
	1301	60	49	19.76	52.6	64.0	89
	1199	60	51	17.76	56.4	66.3	88
265 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1717	62	43	31.98	38.1	54.3	95
	1500	65	51	26.49	47.2	60.2	92
	1379	67	55	23.53	52.6	64.0	91
	1271	68	57	21.15	56.4	66.3	90
280 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1815	69	48	37.72	38.1	54.3	97
	1585	73	57	31.24	47.2	60.2	94
	1457	75	61	27.76	52.6	64.0	93
	1343	76	64	24.95	56.4	66.3	91
205 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwiA
	m ³ /m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	822	41	37	7.84	63.3	70.6	79
	942	54	48	11.81	63.3	70.6	83
	1063	69	61	16.93	63.3	70.6	87
	1123	77	69	19.97	63.3	70.6	87

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-1800 (# 11 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



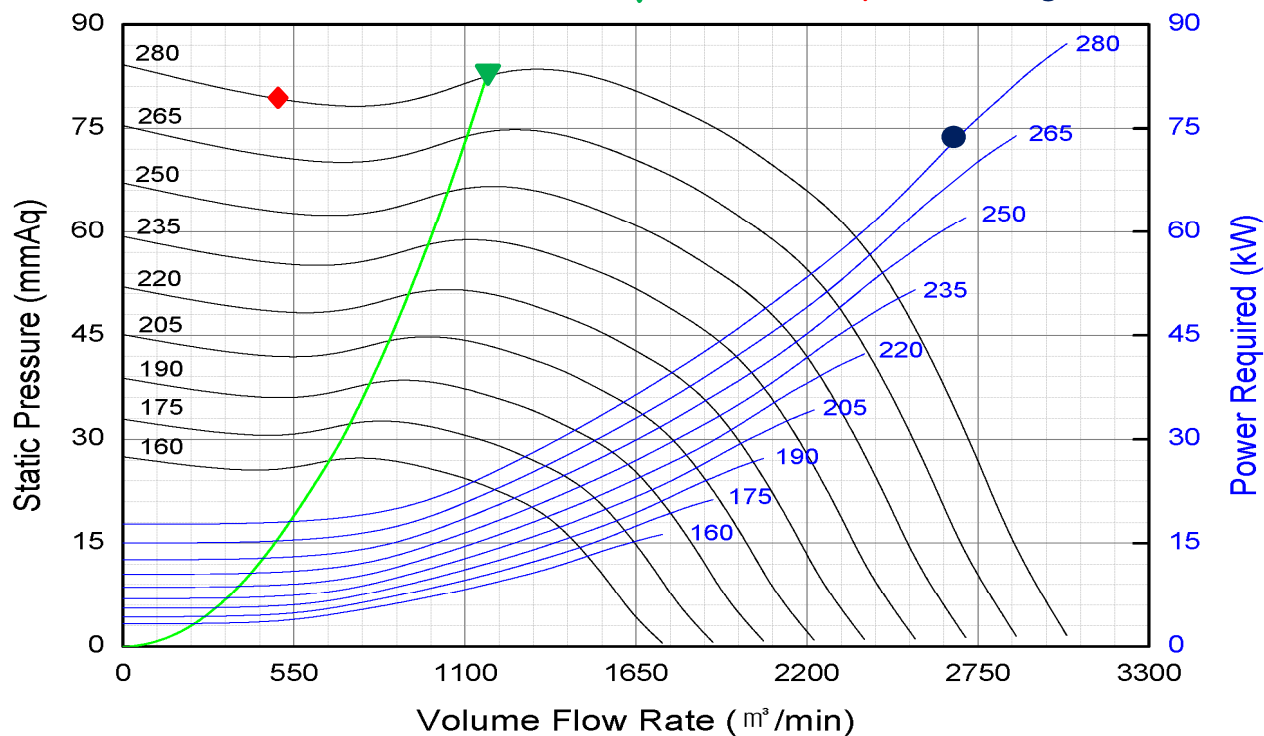
Impeller Diameter : 1,650 mm.

Outlet Area : 1.997 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



175 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1509	33	22	14.83	38.1	54.3	87
	1318	34	26	12.29	47.2	60.2	85
	1212	35	29	10.92	52.6	64.0	83
	1117	36	30	9.81	56.4	66.3	82
	934	36	32	7.85	63.3	70.6	79

190 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1639	39	27	18.98	38.1	54.3	89
	1431	41	31	15.73	47.2	60.2	87
	1316	42	34	13.97	52.6	64.0	85
	1213	42	35	12.56	56.4	66.3	84
	1014	43	38	10.05	63.3	70.6	80

205 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1768	45	31	23.84	38.1	54.3	91
	1544	47	37	19.75	47.2	60.2	88
	1420	48	39	17.54	52.6	64.0	87
	1308	49	41	15.77	56.4	66.3	86
	1094	50	44	12.62	63.3	70.6	83

220 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1898	52	36	29.47	38.1	54.3	93
	1657	54	42	24.41	47.2	60.2	91
	1524	56	45	21.68	52.6	64.0	89
	1404	56	48	19.49	56.4	66.3	88
	1174	57	51	15.60	63.3	70.6	84

235 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	2027	59	41	35.91	38.1	54.3	95
	1770	62	48	29.75	47.2	60.2	92
	1628	64	52	26.43	52.6	64.0	91
	1500	64	54	23.76	56.4	66.3	90
	1255	66	58	19.01	63.3	70.6	86

250 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	2157	67	46	43.24	38.1	54.3	97
	1883	70	55	35.82	47.2	60.2	94
	1732	72	59	31.82	52.6	64.0	92
	1596	73	62	28.60	56.4	66.3	91
	1335	74	66	22.89	63.3	70.6	88

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-2000 (# 12 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



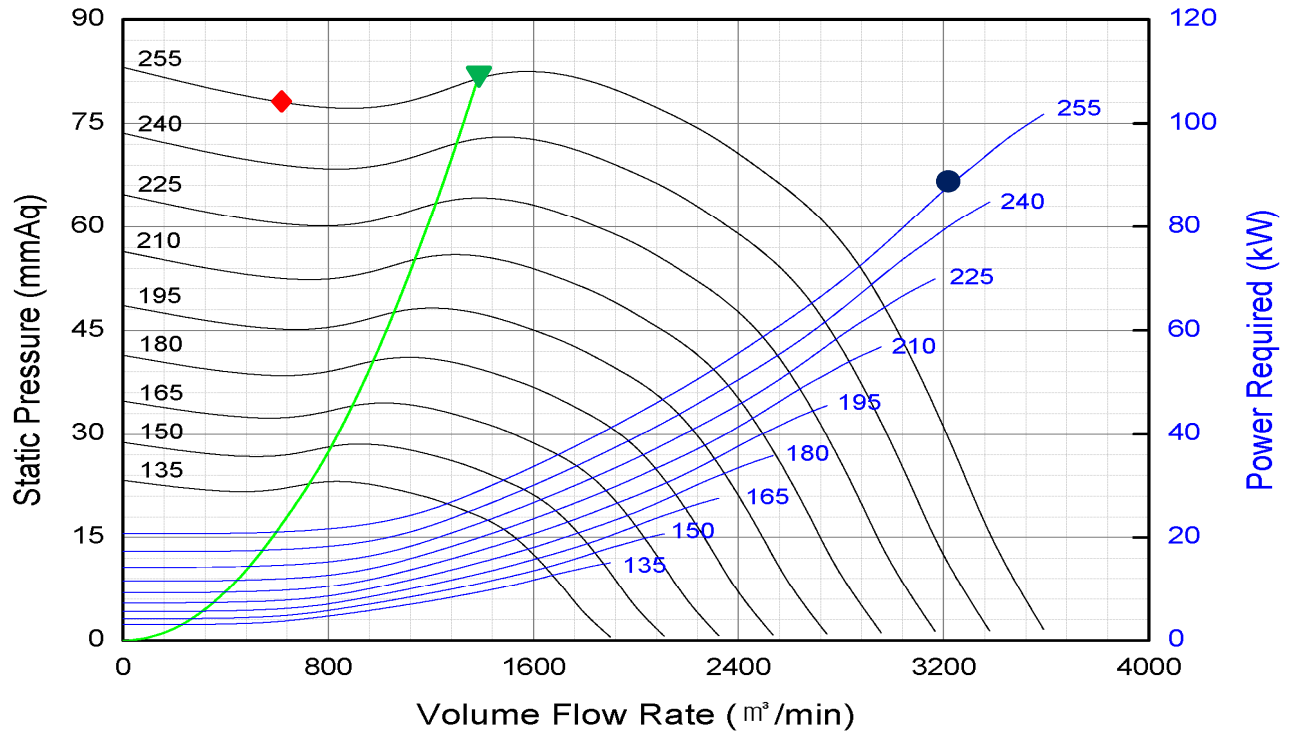
Impeller Diameter : 1,800 mm.

Outlet Area : 2.376 m²

▼ - Peak Point

◆ - Q,Ps

● - Power



150 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1680	29	20	14.43	38.1	54.3	85
	1467	30	23	11.96	47.2	60.2	83
	1349	31	25	10.62	52.6	64.0	81
	1243	31	26	9.55	56.4	66.3	80
	1040	32	28	7.64	63.3	70.6	77

165 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	1848	35	24	19.21	38.1	54.3	88
	1614	36	28	15.91	47.2	60.2	86
	1484	37	30	14.14	52.6	64.0	84
	1367	38	32	12.71	56.4	66.3	83
	1144	38	34	10.17	63.3	70.6	79

180 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	2016	41	28	24.94	38.1	54.3	90
	1760	43	33	20.66	47.2	60.2	88
	1619	44	36	18.35	52.6	64.0	86
	1492	45	38	16.50	56.4	66.3	85
	1248	46	41	13.20	63.3	70.6	81

195 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	2184	48	33	31.70	38.1	54.3	93
	1907	51	39	26.26	47.2	60.2	90
	1754	52	42	23.33	52.6	64.0	89
	1616	53	44	20.97	56.4	66.3	88
	1352	54	48	16.78	63.3	70.6	83

210 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	2352	56	39	39.60	38.1	54.3	94
	2054	59	46	32.80	47.2	60.2	92
	1889	61	49	29.14	52.6	64.0	90
	1740	61	52	26.19	56.4	66.3	89
	1456	62	55	20.96	63.3	70.6	86

225 RPM	Q m³/m	Pt mmAq	Ps mmAq	Shaft PW(kW)	SP. Eff (%)	Total Eff.(%)	LwiA dBA.
	2520	64	45	48.70	38.1	54.3	96
	2201	68	53	40.34	47.2	60.2	94
	2024	70	57	35.83	52.6	64.0	92
	1865	70	59	32.22	56.4	66.3	91
	1560	72	64	25.78	63.3	70.6	87

※ 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.

The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwiA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

BMS-2240 (# 13 SS)



BnC Company Limited. Certifies that the fans shown hereon are licensed to bear the AMCA Seal.

The ratings shown are based on test and procedures performed in accordance with AMCA Publication. 211, 311 and comply with the requirements of the AMCA Certified Rating Program.



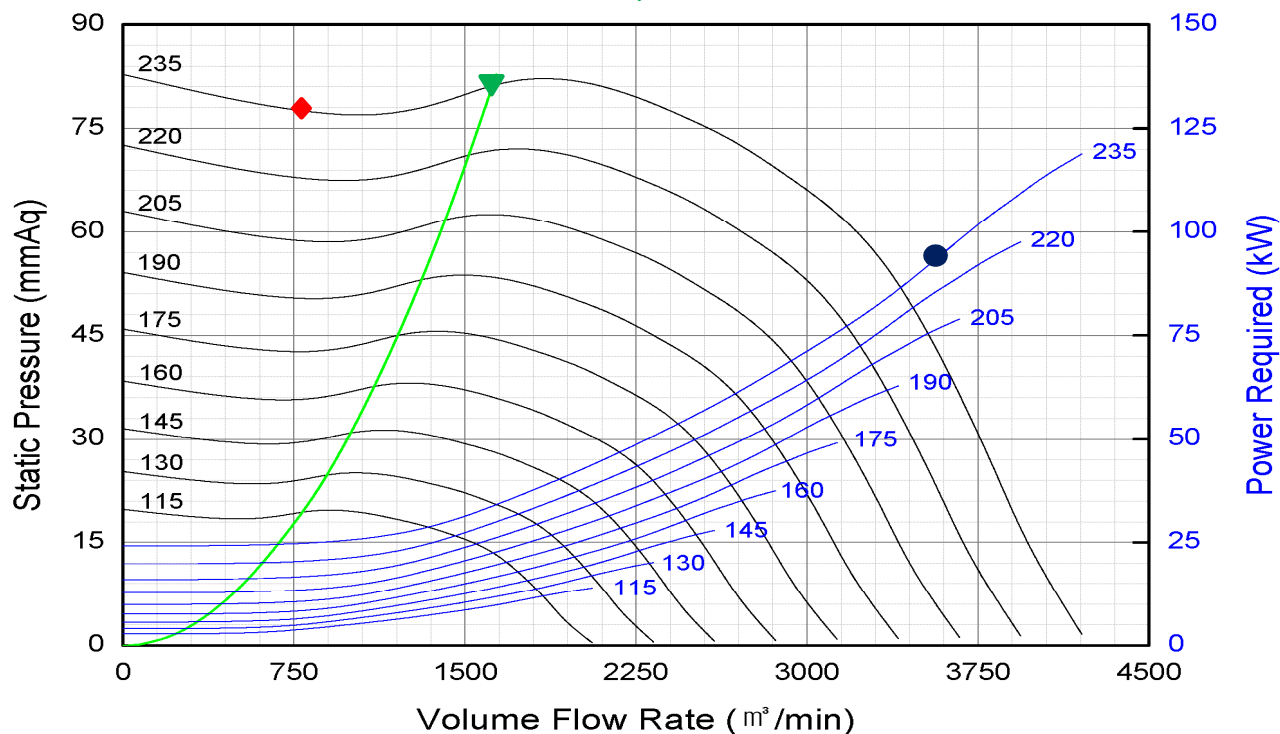
Impeller Diameter : 1,950 mm.

Outlet Area : 2.789 m²

▼ - Peak Point

◆ - Q,P_s

● - Power



130 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwIA
	m³/m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	1851	25	17	14.02	38.1	54.3	84
	1616	27	20	11.61	47.2	60.2	82
	1486	27	22	10.32	52.6	64.0	80
	1370	28	23	9.28	56.4	66.3	79
160 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwIA
	m³/m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	2278	38	26	26.13	38.1	54.3	90
	1990	40	31	21.65	47.2	60.2	87
	1829	41	33	19.23	52.6	64.0	86
	1686	42	35	17.29	56.4	66.3	84
190 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwIA
	m³/m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	2706	54	37	43.76	38.1	54.3	94
	2363	57	44	36.25	47.2	60.2	92
	2173	58	47	32.20	52.6	64.0	90
	2002	59	50	28.95	56.4	66.3	89

145 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwIA
	m³/m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	2065	31	22	19.45	38.1	54.3	87
	1803	33	25	16.11	47.2	60.2	85
	1658	34	27	14.31	52.6	64.0	83
	1528	34	29	12.87	56.4	66.3	81
175 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwIA
	m³/m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	2492	46	32	34.19	38.1	54.3	92
	2176	48	37	28.32	47.2	60.2	90
	2001	49	40	25.16	52.6	64.0	88
	1844	50	42	22.62	56.4	66.3	87
205 RPM	Q	Pt	Ps	Shaft	SP. Eff	Total	LwIA
	m³/m	mmAq	mmAq	PW(kW)	(%)	Eff.(%)	dBA.
	2919	63	44	54.96	38.1	54.3	96
	2549	66	51	45.53	47.2	60.2	94
	2344	68	55	40.44	52.6	64.0	92
	2160	68	58	36.36	56.4	66.3	91

※ 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.

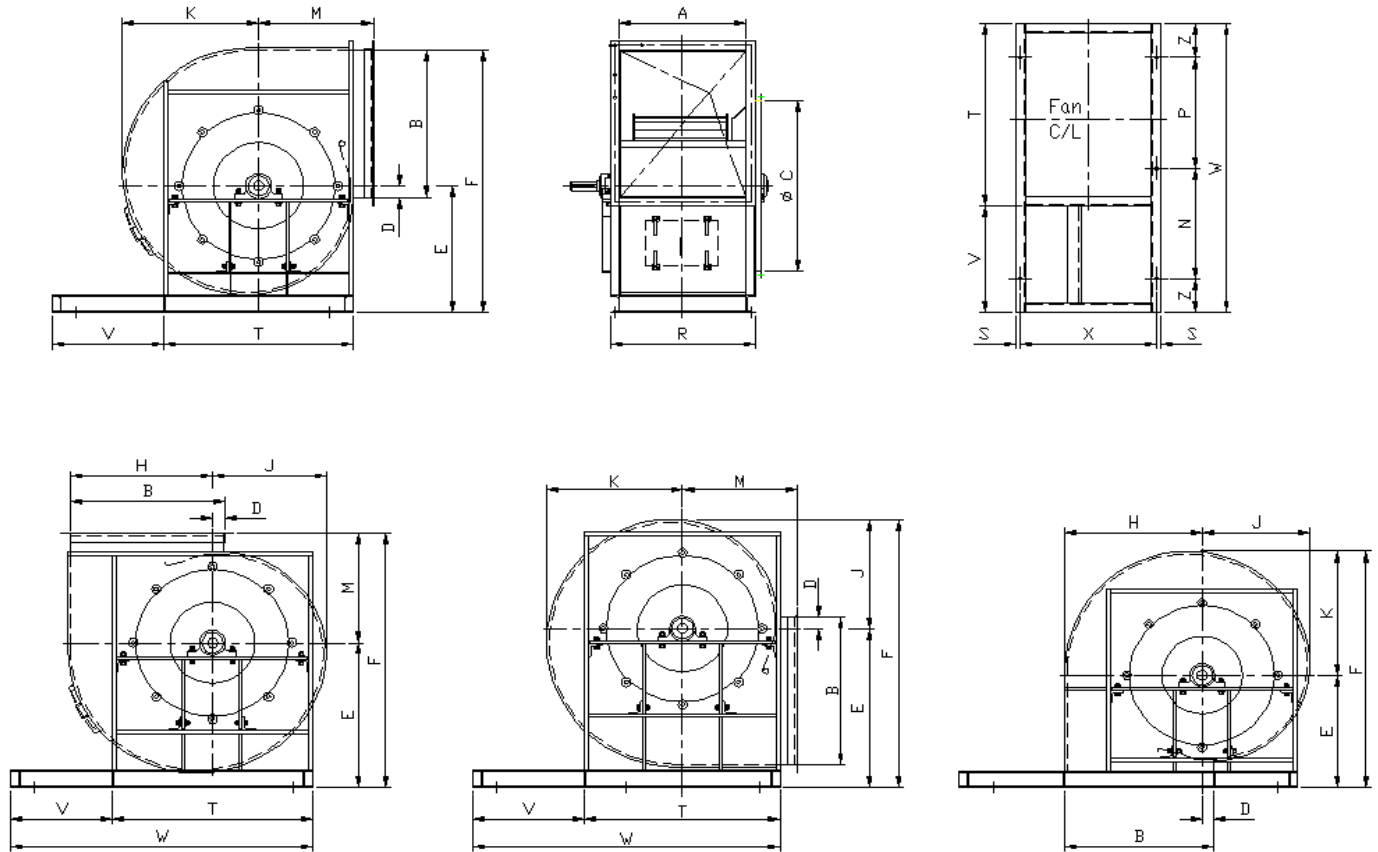
The sound power level ratings shown are in decibels referred to 10-12 watts calculated per AMCA Standard 301.

Values shown are for LwIA sound power levels for installation type B: free inlet, ducted outlet.

Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA standard 301.

The AMCA Certified Ratings Seal does not apply to efficiency ratings.

SIROCCO SISW OUT-LINE DWG. (Arrangement-3)



<표-1 외형 치수>

DIMENSIONS (mm)													Base Channel
FAN SIZE.	A	B	C	D	E (center)				F (height)				
					UB	TH	BH	DB	UB	TH	BH	DB	
BMS-0315 (# 2 SS)	220	300	310	25	385	291	362	322	642	563	578	566	75X40X5t
BMS-0355 (# 2 1/2 SS)	275	375	384	27	459	345	430	369	763	685	700	674	75X40X5t
BMS-0450 (# 3 SS)	330	450	462	32	537	398	497	415	887	805	820	780	75X40X5t
BMS-0500 (# 3 1/2 SS)	385	525	540	36	615	453	566	463	1013	929	944	890	75X40X5t
BMS-0630 (# 4 SS)	440	600	616	40	691	506	633	509	1135	1049	1064	996	75X40X5t
BMS-0680 (# 4 1/2 SS)	495	675	690	43	765	561	702	557	1257	1173	1188	1106	75X40X5t
BMS-0710 (# 5 SS)	550	750	770	44	845	614	769	613	1393	1293	1308	1222	75X40X5t
BMS-0800 (# 5 1/2 SS)	605	825	845	51	920	669	838	661	1516	1417	1432	1332	75X40X5t
BMS-0900 (# 6 SS)	660	900	920	55	1020	747	930	732	1662	1562	1577	1463	100X50X5t
BMS-1120 (# 7 SS)	770	1050	1080	69	1180	854	1065	825	1915	1804	1819	1677	100X50X5t
BMS-1250 (# 8 SS)	880	1200	1230	77	1330	962	1201	919	2159	2048	2063	1893	100X50X5t
BMS-1400 (# 9 SS)	990	1350	1380	76	1505	1095	1362	1038	2428	2317	2332	2134	125X65X6t
BMS-1600 (# 10 SS)	1100	1500	1540	84	1665	1203	1498	1132	2682	2561	2576	2350	125X65X6t
BMS-1800 (# 11 SS)	1210	1650	1690	94	1840	1336	1659	1266	2966	2830	2845	2606	150X75X9t
BMS-2000 (# 12 SS)	1320	1800	1840	102	1990	1443	1794	1359	3209	3072	3087	2820	150X75X9t
BMS-2240 (# 13 SS)	1430	1950	2000	111	2150	1551	1930	1453	3463	3316	3331	3036	150X75X9t

- NOTE -

1. UB,TH 이외의 SIZE는 고객 주문품임.
2. DB방향은 "비표준 베이스" 제품으로 상기 치수적용을 금합니다.
3. "표-2"의 Custom-made 제품은 적용전 반듯이 당사 영업/기술부와 협의를 부탁드립니다.

※ 상기 치수는 제품의 개선으로 사전 예고없이 변경 될 수 있으며, 반드시 당사 기술/영업부의 별도 승인후 적용 바랍니다.

SIROCCO SISW OUT-LINE DWG. (Arrangement-3)

Make standard

1	2	CW ROTATION
3	4	CCW ROTATION
UB	TH	

Custom-made

1	2	3	4	5	CW ROTATION
6	7	8	9	10	CCW ROTATION
BAU	TAU	TAD	BH	DB	

구동측에서 바라본 회전 및 토출방향(View at drive side)

<표-2 회전 및 토출방향>

DIMENSIONS (mm)												
FAN SIZE.	H	J	K	M	N	P	R	S	T	X	Z	X
BMS-0315 (# 2 SS)	272	216	244	257	500	-	303	18	430	370	800	150
BMS-0355 (# 2 1/2 SS)	340	270	305	304	620	-	358	18	520	400	920	150
BMS-0450 (# 3 SS)	407	323	365	350	700	-	413	18	590	410	1000	150
BMS-0500 (# 3 1/2 SS)	476	378	427	398	820	-	468	18	670	450	1120	150
BMS-0630 (# 4 SS)	543	431	487	444	950	-	523	18	762	488	1250	150
BMS-0680 (# 4 1/2 SS)	612	486	549	492	1050	-	578	18	840	510	1350	150
BMS-0710 (# 5 SS)	679	539	609	548	1150	-	633	18	912	538	1450	150
BMS-0800 (# 5 1/2 SS)	748	594	671	596	1300	-	688	18	1032	568	1600	150
BMS-0900 (# 6 SS)	815	647	731	642	700	700	763	22	1112	588	1700	150
BMS-1120 (# 7 SS)	950	754	852	735	800	800	873	22	1262	638	1900	150
BMS-1250 (# 8 SS)	1086	862	974	829	950	950	983	22	1456	744	2200	150
BMS-1400 (# 9 SS)	1222	970	1096	923	1022	1022	1123	29	1550	794	2344	150
BMS-1600 (# 10 SS)	1358	1078	1218	1017	1175	1175	1233	29	1806	844	2650	150
BMS-1800 (# 11 SS)	1494	1186	1340	1126	1200	1200	1363	34	1950	850	2800	200
BMS-2000 (# 12 SS)	1629	1293	1461	1219	1300	1300	1473	34	2150	850	3000	200
BMS-2240 (# 13 SS)	1765	1401	1583	1313	1375	1375	1583	34	2250	900	3150	200

- NOTE -

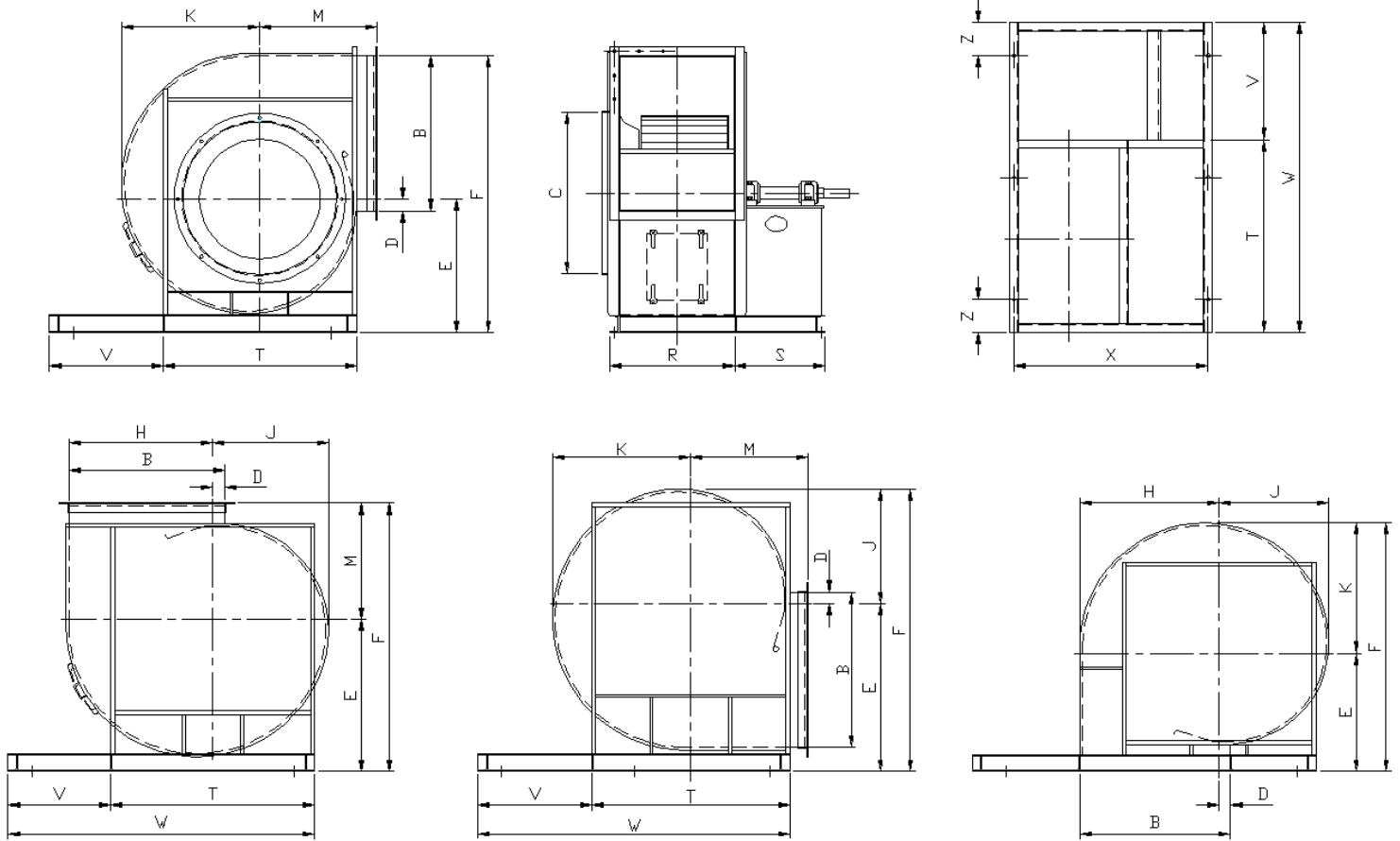
1. 팬 회전 및 토출방향은 "표 2"에 따른다.
2. "표-2"는 Pulley(구동측)이 기준이 됩니다.

※ 상기 치수는 제품의 개선으로 사전 예고없이 변경 될 수 있으며, 반드시 당사 기술/영업부의 별도 승인후 적용 바랍니다.

4. OUT LINE DWG. / Arg-1



SIROCCO SISW OUT-LINE DWG. (Arrangement-1)



<표-1 외형 치수>

DIMENSIONS (mm)													Base Channel
FAN SIZE.	A	B	C	D	E (center)				F (height)				
					UB	TH	BH	DB	UB	TH	BH	DB	
BMS-0315 (# 2 SS)	220	300	310	25	385	291	362	322	642	563	578	566	75X40X5t
BMS-0355 (# 2 1/2 SS)	275	375	384	27	459	345	430	369	763	685	700	674	75X40X5t
BMS-0450 (# 3 SS)	330	450	462	32	537	398	497	415	887	805	820	780	75X40X5t
BMS-0500 (# 3 1/2 SS)	385	525	540	36	615	453	566	463	1013	929	944	890	75X40X5t
BMS-0630 (# 4 SS)	440	600	616	40	691	506	633	509	1135	1049	1064	996	75X40X5t
BMS-0680 (# 4 1/2 SS)	495	675	690	43	765	561	702	557	1257	1173	1188	1106	75X40X5t
BMS-0710 (# 5 SS)	550	750	770	44	845	614	769	613	1393	1293	1308	1222	75X40X5t
BMS-0800 (# 5 1/2 SS)	605	825	845	51	920	669	838	661	1516	1417	1432	1332	75X40X5t
BMS-0900 (# 6 SS)	660	900	920	55	1020	747	930	732	1662	1562	1577	1463	100X50X5t
BMS-1120 (# 7 SS)	770	1050	1080	69	1180	854	1065	825	1915	1804	1819	1677	100X50X5t
BMS-1250 (# 8 SS)	880	1200	1230	77	1330	962	1201	919	2159	2048	2063	1893	100X50X5t
BMS-1400 (# 9 SS)	990	1350	1380	76	1505	1095	1362	1038	2428	2317	2332	2134	125X65X6t
BMS-1600 (# 10 SS)	1100	1500	1540	84	1665	1203	1498	1132	2682	2561	2576	2350	125X65X6t
BMS-1800 (# 11 SS)	1210	1650	1690	94	1840	1336	1659	1266	2966	2830	2845	2606	150X75X9t
BMS-2000 (# 12 SS)	1320	1800	1840	102	1990	1443	1794	1359	3209	3072	3087	2820	150X75X9t
BMS-2240 (# 13 SS)	1430	1950	2000	111	2150	1551	1930	1453	3463	3316	3331	3036	150X75X9t

- NOTE -

1. UB,TH 이외의 SIZE는 고객 주문품임.
2. DB방향은 "비표준 베이스" 제품으로 상기 치수적용을 금합니다.
3. "표-2"의 Custom-made 제품은 적용전 반듯이 당사 영업/기술부와 협의를 부탁드립니다.

※ 상기 치수는 제품의 개선으로 사전 예고없이 변경 될 수 있으며, 반드시 당사 기술/영업부의 별도 승인후 적용 바랍니다.

SIROCCO SISW OUT-LINE DWG. (Arrangement-1)

Make standard

1	2	CW ROTATION
3	4	CCW ROTATION
UB	TH	

Custom-made

1	2	3	4	5	CW ROTATION
6	7	8	9	10	CCW ROTATION
BAU	TAU	TAD	BH	DB	

구동측에서 바라본 회전 및 토출방향(View at drive side)

<표-2 회전 및 토출방향>

DIMENSIONS (mm)												
FAN SIZE.	H	J	K	M	N	P	R	S	T	V	W	X
BMS-0315 (# 2 SS)	272	216	244	257	-538	-	303	402	430	370	800	669
BMS-0355 (# 2 1/2 SS)	340	270	305	304	-528	-	358	402	520	400	920	724
BMS-0450 (# 3 SS)	407	323	365	350	-608	-	413	427	590	410	1000	804
BMS-0500 (# 3 1/2 SS)	476	378	427	398	-708	-	468	482	670	450	1120	914
BMS-0630 (# 4 SS)	543	431	487	444	-758	-	523	517	762	488	1250	1004
BMS-0680 (# 4 1/2 SS)	612	486	549	492	-858	-	578	562	840	510	1350	1104
BMS-0710 (# 5 SS)	679	539	609	548	-938	-	633	597	912	538	1450	1194
BMS-0800 (# 5 1/2 SS)	748	594	671	596	-928	-	688	612	1032	568	1600	1264
BMS-0900 (# 6 SS)	815	647	731	642	-556	-556	763	687	1112	588	1700	1406
BMS-1120 (# 7 SS)	950	754	852	735	-606	-606	873	727	1262	638	1900	1556
BMS-1250 (# 8 SS)	1086	862	974	829	-606	-606	983	767	1456	744	2200	1706
BMS-1400 (# 9 SS)	1222	970	1096	923	-720	-720	1123	827	1550	794	2344	1892
BMS-1600 (# 10 SS)	1358	1078	1218	1017	-767	-767	1233	917	1806	844	2650	2092
BMS-1800 (# 11 SS)	1494	1186	1340	1126	-882	-882	1363	987	1950	850	2800	2282
BMS-2000 (# 12 SS)	1629	1293	1461	1219	-932	-932	1473	1027	2150	850	3000	2432
BMS-2240 (# 13 SS)	1765	1401	1583	1313	-1007	-1007	1583	1067	2250	900	3150	2582

- NOTE -

1. 팬 회전 및 토출방향은 "표 2"에 따른다.
2. "표-2"는 Pulley(구동측)이 기준이 됩니다.

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