

Bulletin
NO.: BFS-A201
March 2012



AIRFOIL FAN SINGLE INLET

FAN & BLOWER SYSTEM
BFS Series



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1. 기술 현황



ISO 9001 인증



ISO 9001:2008

ISO 9001은 국제 표준화기구 기술위원회에서 제정한 품질경영과 품질보증에 관한 일련의 국제규격입니다.

본 인증은 이 규격을 바탕으로 자사 체질에 맞는 품질경영 시스템을 수립하여 제 3 자 인증기관으로부터 자사 품질경영 시스템의 적합성 및 실행 상태를 평가 받아 고객에게 신뢰할 수 있는 제품과 서비스를 공급하는 체제를 갖추어 운영하고 있다는 것을 보증하는 것으로 공급자 품질시스템에 대한 제 3 자 심사 및 등록제도입니다.

고효율기자재 인증



고효율기자재

고효율기자재란. 고효율시험기관에서 측정한 에너지 소비효율 및 품질시험 결과 전 항목을 만족하고 에너지 관리공단에서 고효율 에너지 기자재로 인증 받은 제품입니다.

BnC 인증 제품 (2012 년 03월 현재)

BFD-0450 (# 3 DS)

BFD-0900 (# 6 DS)

BFS-0450 (# 3 SS)

BFS-0900 (# 6 SS)



AMCA SEAL

AMCA 에서 승인된 Laboratory 에서 소음(dB)과 성능(풍량, 정압, 축동력)을 검증 하여 제품 카타로그의 데이터를 보증해 주는 국제적 공신력이 있는 연구 기관의 인증서로 본 AIRFOIL 양흡입 벨트구동방식 제품군에 부착됩니다.

강한 내구성과 높은 효율, 저소음을 실현한 **BnC AIRFOIL FAN**

AIRFOIL FAN - SISW

고효율, 저소음, 低에너지, 강한 내구성

Airfoil 형상의 익형 Blade 적용으로 작은 동력으로 효율이 높고, 운전 소음이 낮은 송풍기입니다. 유선형의 Inlet Cone 과 Wheelcone 사용으로 최적의 기류를 형성합니다.

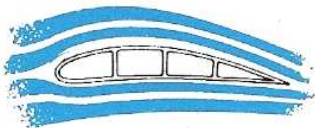
견고한 용접구조와 엄선한 볼 및 로울러 베어링을 사용하여 장시간 연속 운전에도 신뢰성이 높은 운전이 가능합니다

Wheel Dia. 300~2,000mm

풍량 (m ³ /min)	토출속도 (m/s)	정압 (mmAq)
30	5	20
~	~	~
7,200	30	420



뛰어난 성능의 WHEEL



상/하 익형 적용으로 최상의 기류를 형성



이상적인 블레이드의 배치로, 회전시 와류 현상 및 소음의 최소화를 실현하였습니다.

스피닝된 유선형의 Wheel Cone 및 Inlet Cone 의 적용으로 보다 높은 효율과 안정적인 기류공급이 되도록 제작 되었습니다.



2. 제품 특징

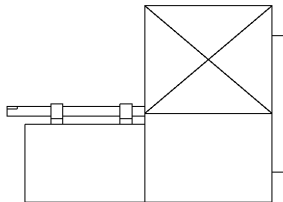


검증된 성능

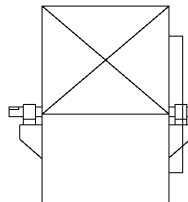
당사는 본 카다로그에서 보여지는 AIRFOIL DIDW의 제품에 관하여 AMCA SEAL (Sound & Performance)를 사용하도록 승인되었습니다.

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

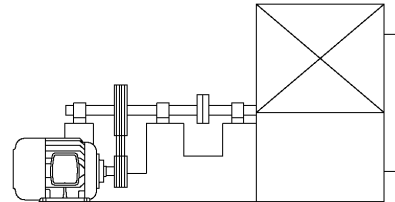
송풍기의 배열



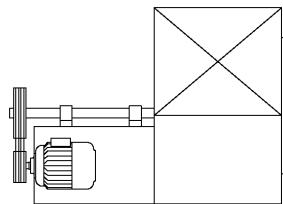
Arrangements - 1



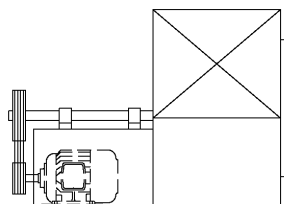
Arrangements - 3



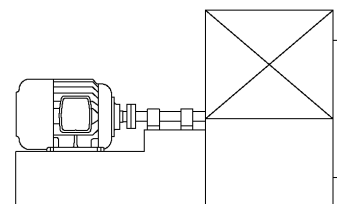
Arrangements - 8 (Belt Drive)



Arrangements - 9



Arrangements - 10



Arrangements - 8 (Direct Drive)

배 열 (ARRANGEMENTS)

- 송풍기의 배열은 A/# 또는 Arrgt.#로 약칭된 숫자로 지정합니다.
사용 목적상 다양한 배열을 통하여 최적의 기류 유도가 가능합니다.

다양한 Accessory



Damper



Shaft Cooling Wheel



Safety Cover

3. Performance Curve



성능곡선 GUIDE

각 페이지는 하나의 팬 규격에 대한 모든 성능, 정압, 동력, 소음 등의 데이터가 수록되어 있습니다.

그림 - 1 은 BFS-0450 (# 3 SS)의 성능 곡선의 표시방법에 대한 설명입니다.

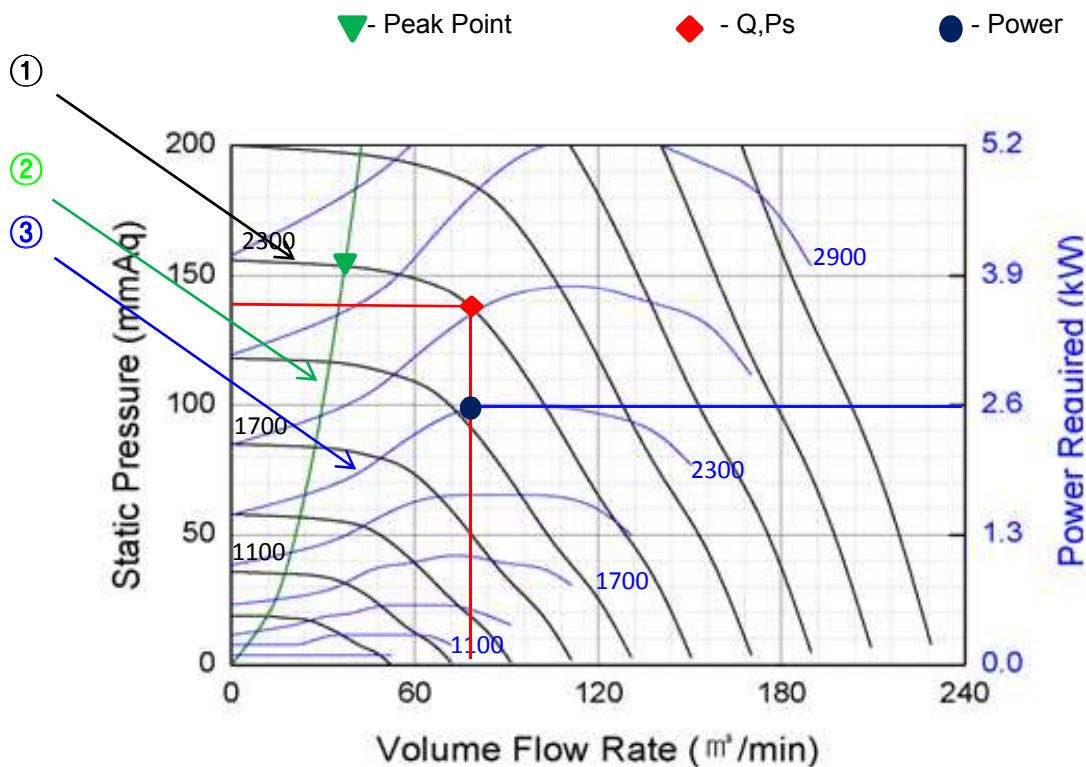
※ 풍량 : 80 CMM, 정압 : 140 mmAq

1. (흑색) - 제품의 2,300 RPM 회전시의 시스템 커브를 나타냅니다.

2. (청색) - 제품의 2,300 RPM 회전시 축동력을 나타냅니다.

시스템 커브를 기준으로 수평으로 좌측은 정압, 우측은 동력을 나타냅니다.

3. (녹색) - 각 시스템 커브의 최대 사용가능 정압 범위를 표기합니다.



< 그림 - 1 >

2300 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	108	96	90	2.87	55.31	59.1	96
	89	130	126	2.86	63.64	65.7	95
	75	147	144	2.74	64.13	65.5	94
	63	151	148	2.61	58.42	59.2	94
	55	152	151	2.48	54.33	54.9	94

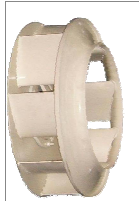
Symbols and subscripts

Q	- AIR VOLUME (m³ /min)
Pt	- TOIAL PRESSURE (mmAq)
Ps	- STATIC PRESSURE (mmAq)
S.Pow	- Shaft Power (kW)
ST.EFF.	- STATIC EFFICIENCY (%)
Total Eff.	- TOTAL EFFICIENCY (%)
Lwi	- SOUND POWER LEVEL (dBA)

BFS-0315 (# 2 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

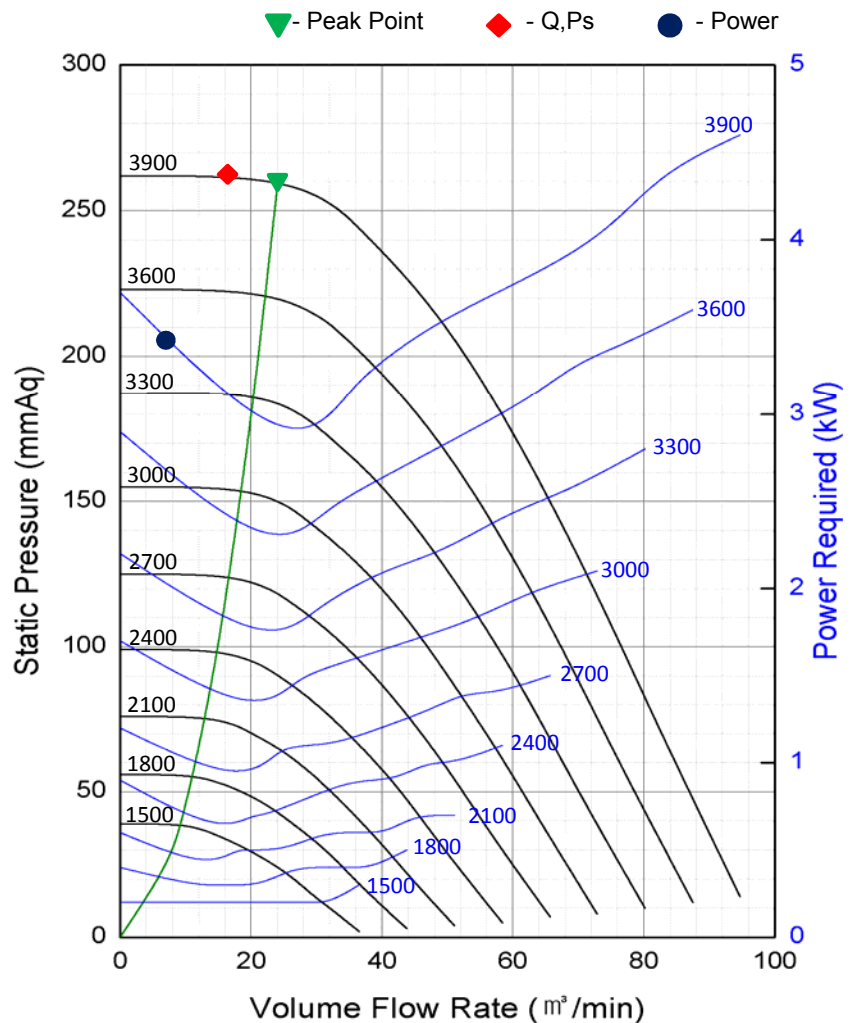
System range.(Maximum REV./Min)

Class- I = 4,046 RPM

Class- II = 4,218 RPM

Impeller Diameter : 336 mm.

Outlet Area. : 0.084 m²



1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	31	32	30	0.40	39.6	42.7	100
	27	41	39	0.40	46.8	48.7	100
	22	48	47	0.30	48.6	49.7	100
	17	53	52	0.30	44.6	45.1	100
2100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	37	45	41	0.63	39.6	42.7	103
	31	57	55	0.60	46.8	48.7	102
	25	67	65	0.56	48.6	49.7	102
	19	74	73	0.52	44.6	45.1	102
2400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	42	58	54	0.94	39.6	42.7	106
	35	74	71	0.89	46.8	48.7	105
	29	87	86	0.83	48.6	49.7	105
	22	96	95	0.78	44.6	45.1	105
2700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	47	74	69	1.34	39.6	42.7	109
	40	94	90	1.26	46.8	48.7	109
	32	111	108	1.18	48.6	49.7	109
	25	122	120	1.10	44.6	45.1	109
3000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	53	91	85	1.84	39.6	42.7	118
	44	116	112	1.73	46.8	48.7	118
	36	137	134	1.62	48.6	49.7	118
	28	151	149	1.51	44.6	45.1	118
3300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	58	111	103	2.45	39.6	42.7	114
	49	141	135	2.30	46.8	48.7	114
	40	166	162	2.16	48.6	49.7	114
	31	182	180	2.01	44.6	45.1	114

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

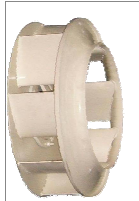
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0355 (# 2 1/2 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

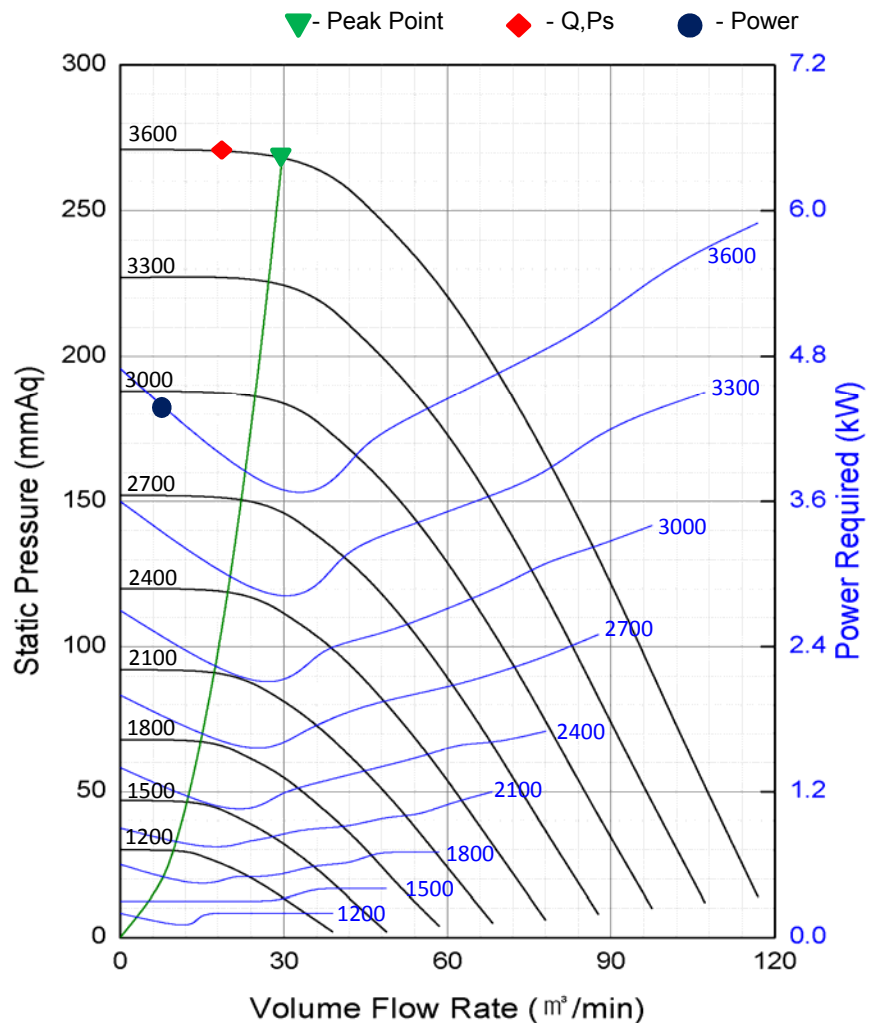
System range.(Maximum REV./Min)

Class- I = 3,675 RPM

Class- II = 3,884 RPM

Impeller Diameter : 370 mm.

Outlet Area. : 0.102 m²



1500 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	35	28	26	0.38	39.6	42.7	100
	30	35	34	0.35	46.8	48.7	100
	24	41	41	0.33	48.6	49.7	100
	19	46	45	0.31	44.6	45.1	100
	17	47	46	0.29	44.9	45.4	100

1800 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	42	40	37	0.65	39.6	42.7	103
	35	51	49	0.61	46.8	48.7	103
	29	60	58	0.57	48.6	49.7	103
	22	66	65	0.53	44.6	45.1	103
	20	67	67	0.50	44.9	45.4	103

2100 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	49	54	50	1.03	39.6	42.7	106
	41	69	66	0.96	46.8	48.7	105
	34	81	79	0.91	48.6	49.7	105
	26	89	88	0.84	44.6	45.1	105
	24	92	91	0.79	44.9	45.4	105

2400 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	56	71	66	1.53	39.6	42.7	108
	47	90	87	1.44	46.8	48.7	108
	39	106	104	1.35	48.6	49.7	108
	30	117	116	1.26	44.6	45.1	108
	27	120	119	1.17	44.9	45.4	108

2700 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	63	90	83	2.18	39.6	42.7	112
	53	114	110	2.04	46.8	48.7	112
	43	135	132	1.92	48.6	49.7	112
	33	148	146	1.79	44.6	45.1	112
	30	152	150	1.67	44.9	45.4	112

3000 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	70	111	103	2.99	39.6	42.7	115
	59	141	136	2.80	46.8	48.7	115
	48	166	162	2.63	48.6	49.7	115
	37	183	181	2.46	44.6	45.1	115
	34	188	186	2.28	44.9	45.4	115

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

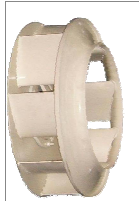
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0400 (# 2 3/4 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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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.

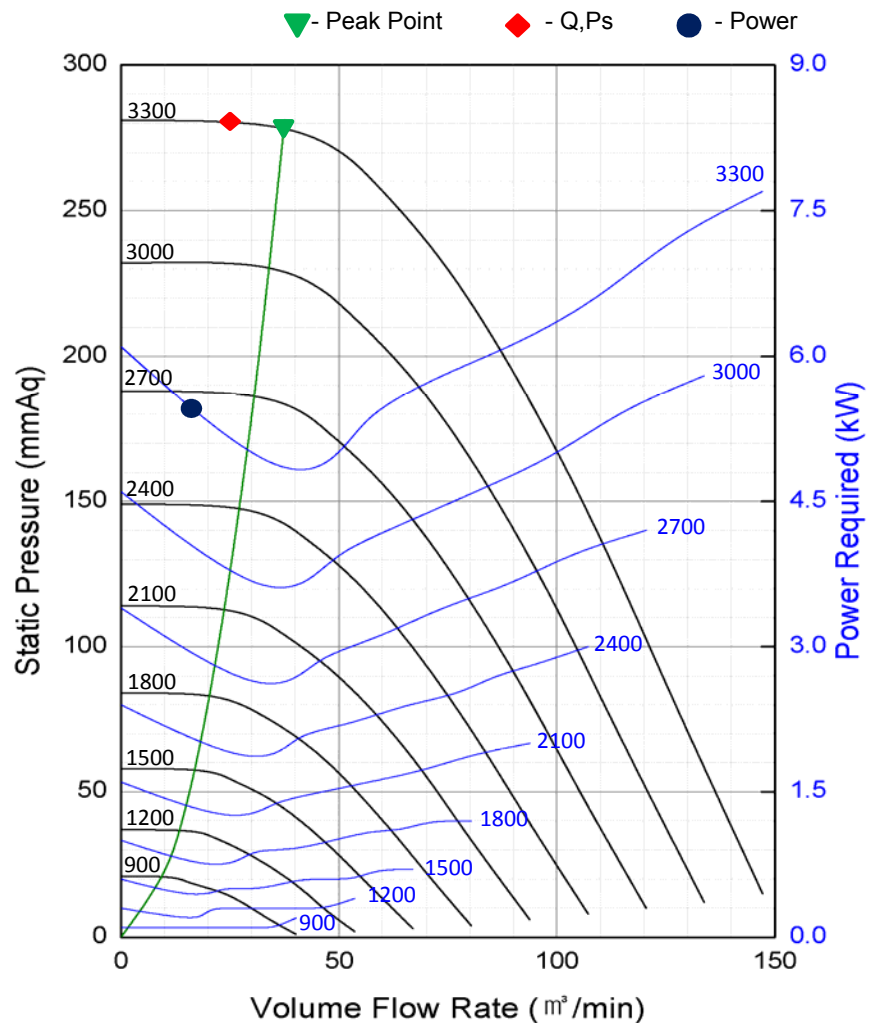
System range.(Maximum REV./Min)

Class- I = 3,302 RPM

Class- II = 3,586 RPM

Impeller Diameter : 411 mm.

Outlet Area. : 0.125 m²



1500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	48	34	32	0.63	39.6	42.7	103
	41	43	42	0.60	46.8	48.7	103
	33	51	50	0.56	48.6	49.7	103
	25	56	56	0.52	44.6	45.1	103
	23	58	57	0.49	44.9	45.4	103

1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	58	49	46	1.09	39.6	42.7	106
	49	63	60	1.03	46.8	48.7	106
	40	74	72	0.96	48.6	49.7	106
	30	81	80	0.90	44.6	45.1	106
	28	83	82	0.84	44.9	45.4	106

2100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	67	67	62	1.73	39.6	42.7	109
	57	85	82	1.63	46.8	48.7	109
	46	100	98	1.53	48.6	49.7	109
	36	110	109	1.43	44.6	45.1	109
	32	113	112	1.33	44.9	45.4	109

2400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	77	88	81	2.59	39.6	42.7	112
	65	111	107	2.43	46.8	48.7	112
	53	131	128	2.28	48.6	49.7	112
	41	144	143	2.13	44.6	45.1	112
	37	148	147	1.98	44.9	45.4	112

2700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	87	111	103	3.68	39.6	42.7	115
	73	141	135	3.46	46.8	48.7	115
	60	166	162	3.25	48.6	49.7	115
	46	183	181	3.03	44.6	45.1	115
	42	187	186	2.81	44.9	45.4	115

3000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	96	137	127	5.05	39.6	42.7	118
	81	174	167	4.74	46.8	48.7	118
	66	205	201	4.46	48.6	49.7	118
	51	226	223	4.16	44.6	45.1	118
	46	232	229	3.86	44.9	45.4	118

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

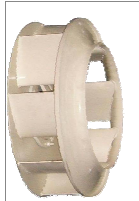
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0450 (# 3 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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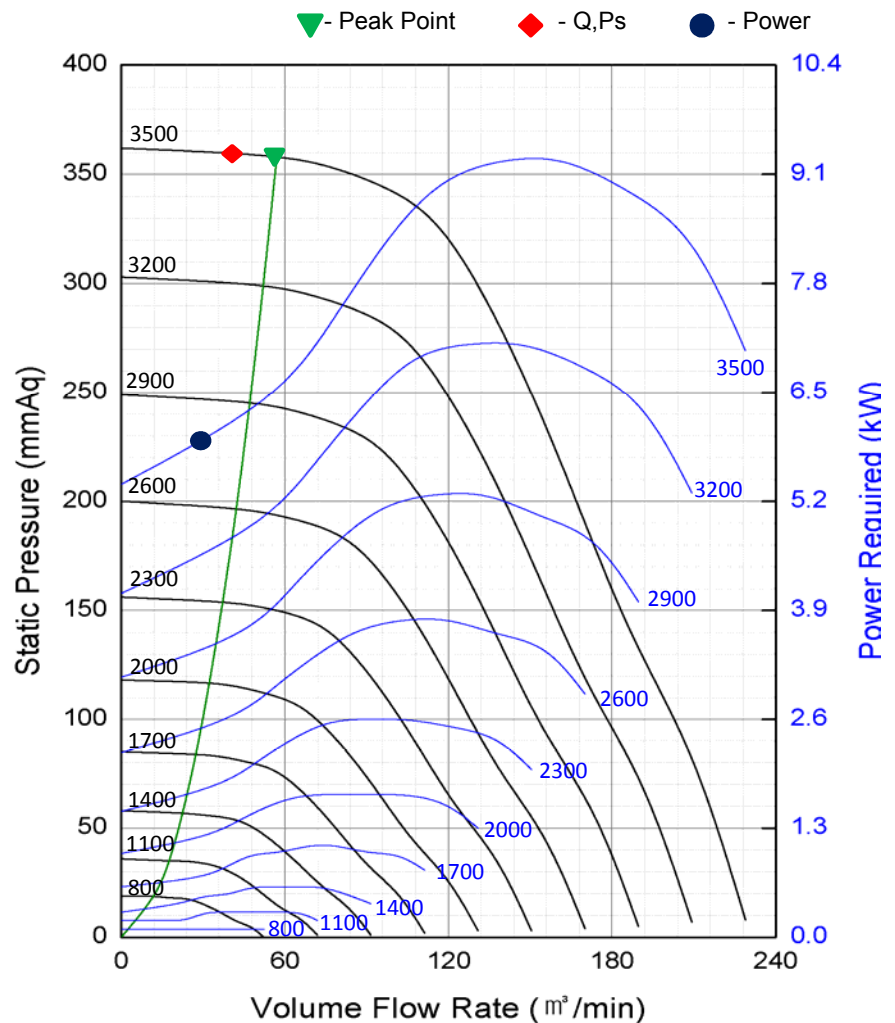
System range.(Maximum REV./Min)

Class- I = 2,992 RPM

Class- II = 3,509 RPM

Impeller Diameter : 452 mm.

Outlet Area. : 0.151 m²



1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	66	36	33	0.65	55.3	59.1	83
	54	48	47	0.65	63.6	65.7	82
	45	54	53	0.62	64.1	65.5	81
	38	56	55	0.59	58.4	59.2	81
	33	56	56	0.56	54.3	54.9	81

1700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	80	52	49	1.16	55.3	59.1	88
	65	71	69	1.16	63.6	65.7	87
	55	80	78	1.11	64.1	65.5	86
	47	82	81	1.06	58.4	59.2	86
	40	83	82	1.00	54.3	54.9	86

2000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	94	73	68	1.89	55.3	59.1	92
	77	98	95	1.88	63.6	65.7	91
	65	111	109	1.80	64.1	65.5	90
	55	114	112	1.72	58.4	59.2	90
	48	115	114	1.63	54.3	54.9	90

2300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	108	96	90	2.87	55.3	59.1	96
	89	130	126	2.86	63.6	65.7	95
	75	147	144	2.74	64.1	65.5	94
	63	151	148	2.61	58.4	59.2	94
	55	152	151	2.48	54.3	54.9	94

2600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	122	123	115	4.14	55.3	59.1	99
	100	166	161	4.14	63.6	65.7	98
	85	188	184	3.96	64.1	65.5	97
	71	193	190	3.78	58.4	59.2	97
	62	195	193	3.59	54.3	54.9	97

2900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	136	153	143	5.75	55.3	59.1	101
	112	207	201	5.75	63.6	65.7	100
	95	234	229	5.5	64.1	65.5	100
	80	240	237	5.25	58.4	59.2	99
	69	243	240	4.98	54.3	54.9	99

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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.

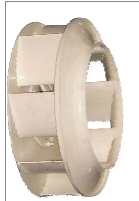
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0500 (# 3 1/2 SS)

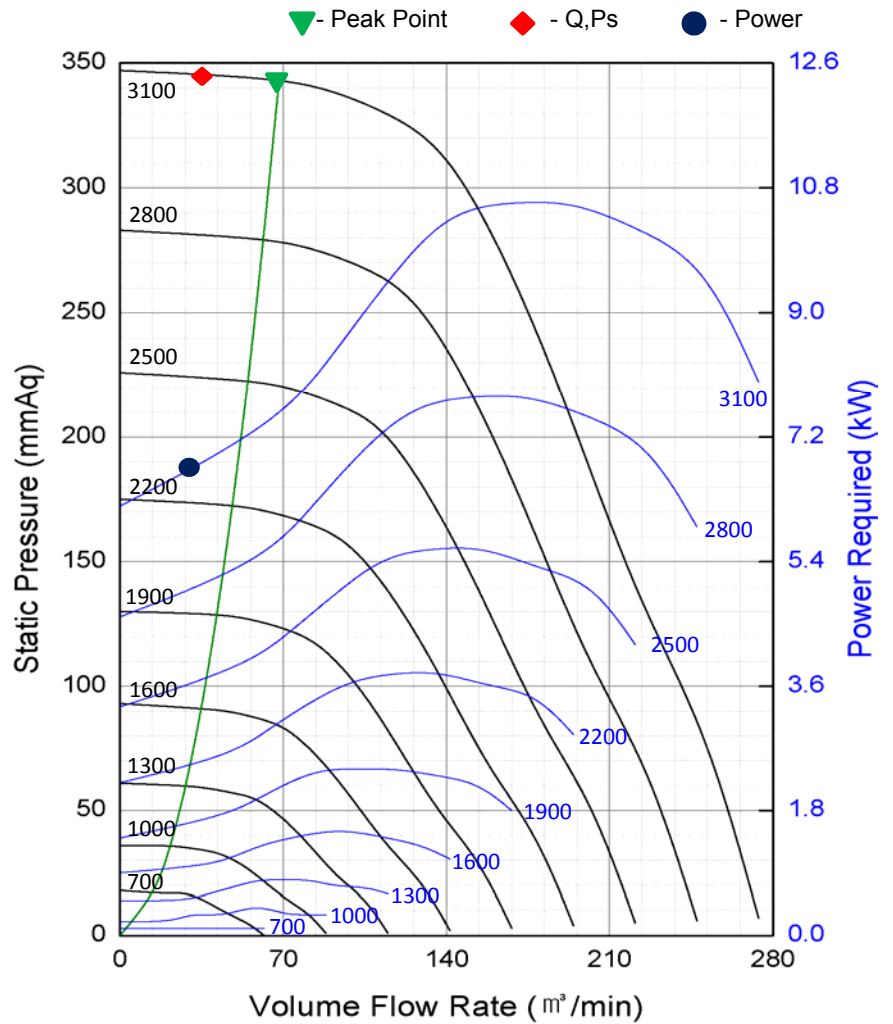


Belt-driven, Single-Inlet
Airfoil Blade



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.



System range.(Maximum REV./Min)

Class- I = 2,706 RPM

Class- II = 3,173 RPM

Impeller Diameter : 500 mm.

Outlet Area. : 0.184 m²

1300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	82	37	35	0.86	55.3	59.1	84
	68	51	49	0.85	63.6	65.7	83
	57	57	56	0.82	64.1	65.5	83
	48	59	58	0.78	58.4	59.2	82
1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	101	57	53	1.59	55.3	59.1	90
	83	77	74	1.59	63.6	65.7	89
	70	87	85	1.52	64.1	65.5	88
	59	89	88	1.45	58.4	59.2	88
1900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	120	80	75	2.67	55.3	59.1	94
	99	108	105	2.66	63.6	65.7	93
	83	122	120	2.54	64.1	65.5	92
	70	125	124	2.43	58.4	59.2	92
2200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	139	107	101	4.14	55.3	59.1	98
	115	145	141	4.13	63.6	65.7	97
	97	164	161	3.95	64.1	65.5	96
	81	168	166	3.77	58.4	59.2	96
2500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	159	139	130	6.07	55.3	59.1	101
	130	188	182	6.07	63.6	65.7	100
	110	212	208	5.80	64.1	65.5	99
	93	218	215	5.54	58.4	59.2	99
2800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	178	174	163	8.54	55.3	59.1	104
	146	236	229	8.54	63.6	65.7	103
	123	267	261	8.16	64.1	65.5	102
	104	273	270	7.79	58.4	59.2	102

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

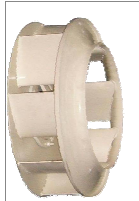
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0560 (# 3 3/4 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

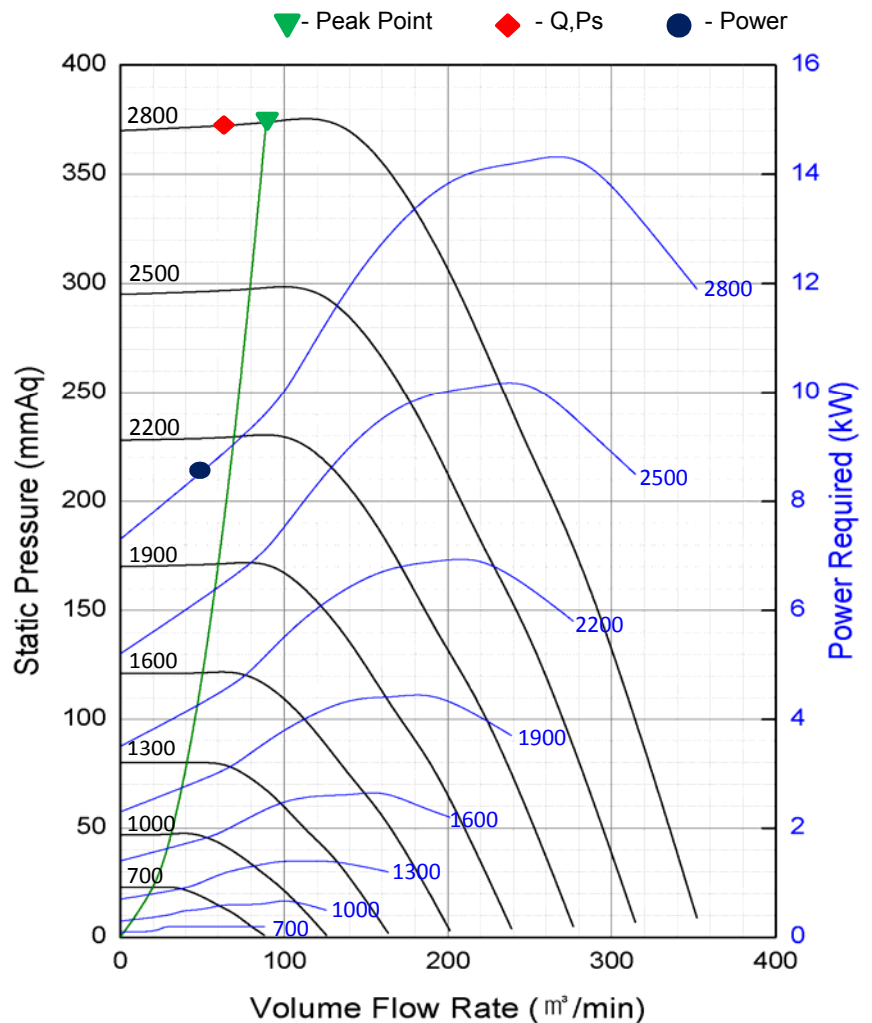
System range.(Maximum REV./Min)

Class- I = 2,469 RPM

Class- II = 2,895 RPM

Impeller Diameter : 548 mm.

Outlet Area. : 0.222 m²



1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	88	32	29	0.66	63.3	69.2	80
	74	39	38	0.65	70.6	74.2	80
	62	45	44	0.61	72.5	74.6	79
	49	49	48	0.55	70.1	71.3	79
	38	48	48	0.48	62.8	63.4	79

1300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	114	53	49	1.44	63.3	69.2	86
	97	67	64	1.42	70.6	74.2	86
	80	76	74	1.34	72.5	74.6	86
	64	82	81	1.21	70.1	71.3	86
	49	82	81	1.04	62.8	63.4	86

1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	141	81	74	2.69	63.3	69.2	92
	119	101	96	2.65	70.6	74.2	92
	99	116	112	2.50	72.5	74.6	92
	79	125	123	2.25	70.1	71.3	92
	61	124	123	1.94	62.8	63.4	92

1900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	168	114	104	4.50	63.3	69.2	96
	142	143	136	4.44	70.6	74.2	96
	118	163	158	4.19	72.5	74.6	96
	94	176	173	3.78	70.1	71.3	96
	72	176	174	3.25	62.8	63.4	96

2200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	194	153	140	7.00	63.3	69.2	100
	164	192	183	6.90	70.6	74.2	99
	137	219	213	6.52	72.5	74.6	99
	109	236	232	5.87	70.1	71.3	99
	83	236	233	5.05	62.8	63.4	99

2500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	221	198	181	10.3	63.3	69.2	103
	187	248	236	10.2	70.6	74.2	103
	156	283	275	9.58	72.5	74.6	103
	124	306	301	8.63	70.1	71.3	103
	95	305	302	7.42	62.8	63.4	103

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

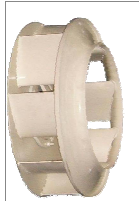
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0630 (# 4 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

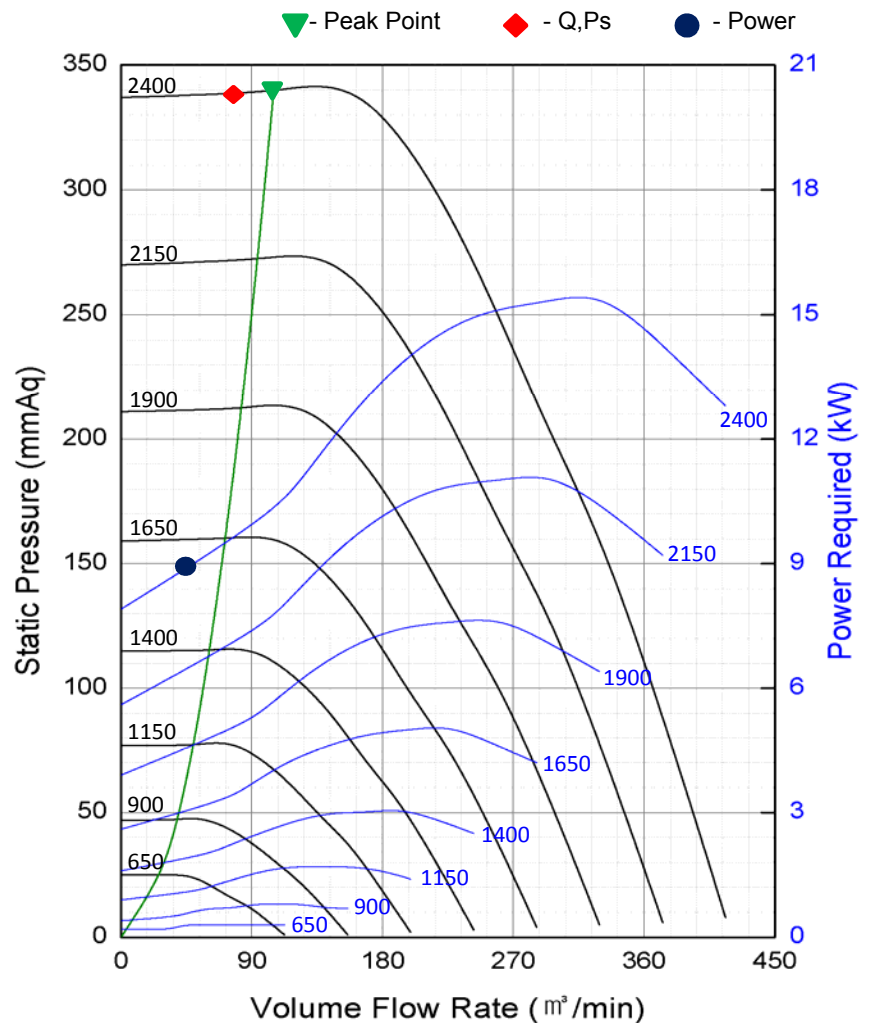
System range.(Maximum REV./Min)

Class- I = 2,155 RPM

Class- II = 2,483 RPM

Impeller Diameter : 610 mm.

Outlet Area. : 0.276 m²



900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	109	32	29	0.82	63.3	69.2	80
	92	40	38	0.81	70.6	74.2	80
	77	45	44	0.77	72.5	74.6	80
	61	49	48	0.69	70.1	71.3	80
	47	49	48	0.59	62.8	63.4	80

1150 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	140	52	47	1.71	63.3	69.2	86
	118	65	62	1.69	70.6	74.2	86
	98	74	72	1.59	72.5	74.6	86
	78	80	78	1.43	70.1	71.3	86
	60	80	79	1.23	62.8	63.4	86

1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	170	77	70	3.09	63.3	69.2	92
	144	96	92	3.04	70.6	74.2	92
	120	110	106	2.87	72.5	74.6	92
	96	118	116	2.59	70.1	71.3	92
	73	118	117	2.23	62.8	63.4	92

1650 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	201	107	98	5.05	63.3	69.2	96
	170	134	127	4.98	70.6	74.2	96
	141	153	148	4.70	72.5	74.6	96
	113	165	162	4.24	70.1	71.3	96
	86	164	163	3.65	62.8	63.4	96

1900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	232	142	130	7.72	63.3	69.2	99
	196	177	169	7.61	70.6	74.2	99
	163	203	197	7.19	72.5	74.6	99
	130	219	215	6.48	70.1	71.3	99
	100	218	216	5.57	62.8	63.4	99

2150 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	262	179	164	11.2	63.3	69.2	102
	221	225	214	11.1	70.6	74.2	102
	184	257	250	10.5	72.5	74.6	102
	147	278	273	9.40	70.1	71.3	102
	113	277	274	8.08	62.8	63.4	102

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

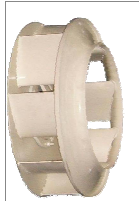
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0680 (# 4 1/2 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

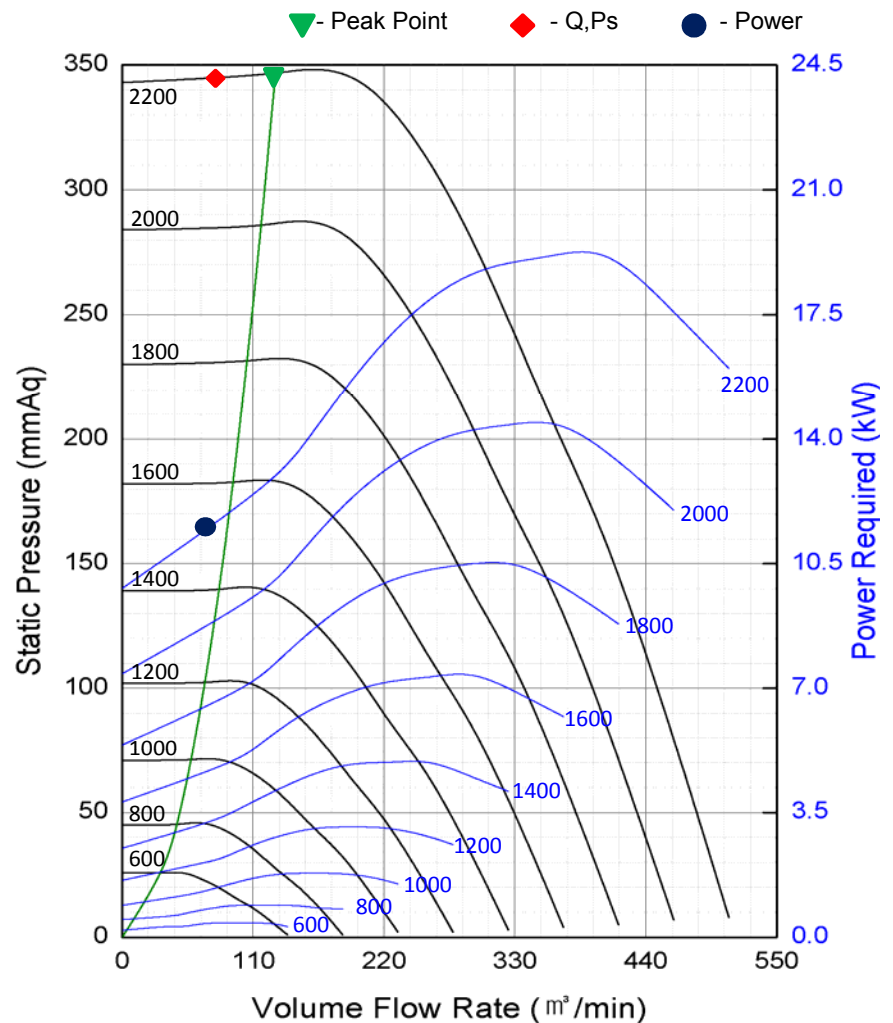
Class- I = 2,015 RPM

Class- II = 2,300 RPM

Class- III = 2,643 RPM

Impeller Diameter : 672 mm.

Outlet Area. : 0.333 m²



1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	163	47	43	1.83	63.5	69.3	86
	137	59	57	1.80	70.9	74.5	86
	114	68	66	1.70	72.7	74.9	86
	91	73	72	1.53	70.3	71.5	86
1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	195	68	63	3.15	63.5	69.3	90
	165	86	82	3.11	70.9	74.5	90
	137	98	95	2.93	72.7	74.9	90
	109	106	104	2.64	70.3	71.5	90
1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	228	93	85	5.01	63.5	69.3	95
	192	117	111	4.94	70.9	74.5	94
	160	133	129	4.66	72.7	74.9	94
	128	144	141	4.20	70.3	71.5	95
1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	261	122	111	7.48	63.5	69.3	98
	220	153	145	7.37	70.9	74.5	98
	183	174	169	6.96	72.7	74.9	98
	146	188	185	6.27	70.3	71.5	98
1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	293	154	141	10.7	63.5	69.3	101
	248	193	184	10.6	70.9	74.5	101
	206	221	214	10.0	72.7	74.9	101
	165	238	234	8.94	70.3	71.5	101
2000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	326	191	174	14.7	63.5	69.3	103
	276	239	228	14.5	70.9	74.5	103
	230	273	265	13.7	72.7	74.9	103
	183	295	290	12.3	70.3	71.5	103

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

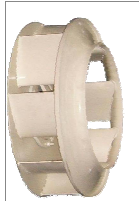
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0710 (# 5 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

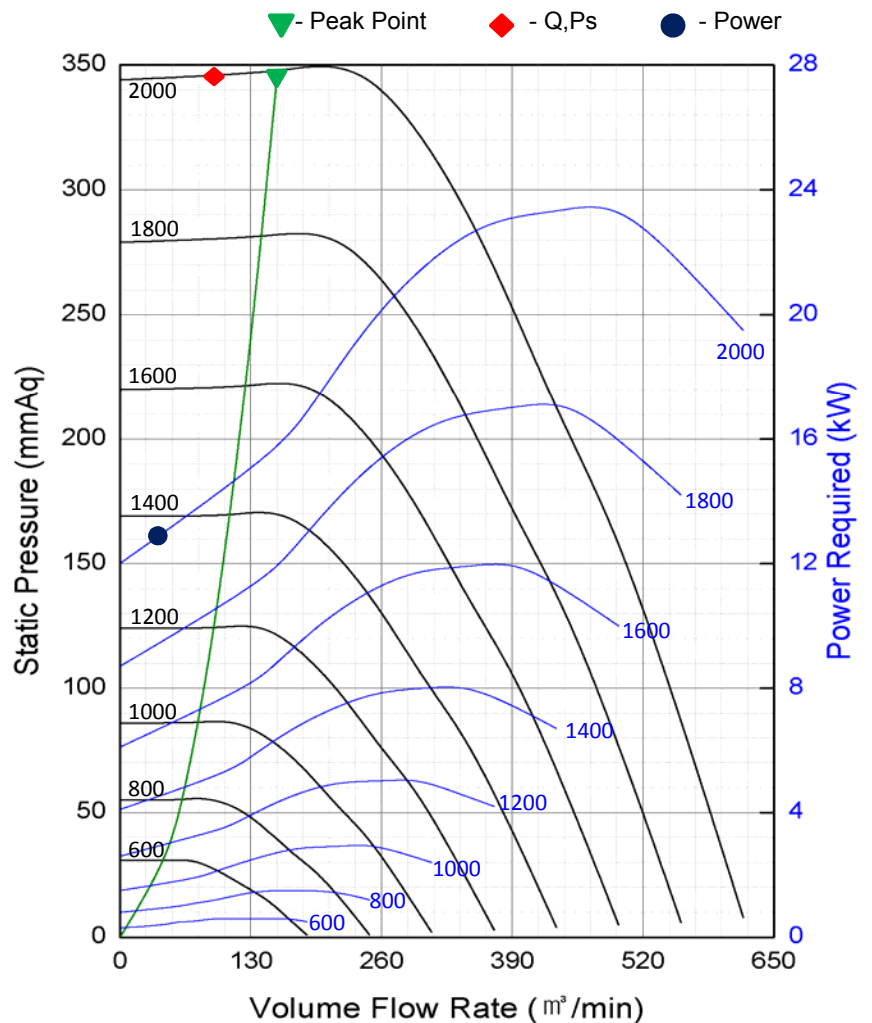
Class- I = 1,829 RPM

Class- II = 2,087 RPM

Class- III = 2,398 RPM

Impeller Diameter : 740 mm.

Outlet Area. : 0.405 m²



800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	174	37	34	1.51	63.5	69.3	83
	147	46	44	1.49	70.9	74.5	83
	122	53	51	1.41	72.7	74.9	83
	97	57	56	1.27	70.3	71.5	83
	75	57	56	1.09	62.9	63.6	83

1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	217	58	53	2.95	63.5	69.3	89
	183	72	69	2.91	70.9	74.5	89
	153	82	80	2.75	72.7	74.9	89
	122	89	87	2.48	70.3	71.5	89
	93	89	88	2.13	62.9	63.6	89

1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	261	83	76	5.10	63.5	69.3	93
	220	104	99	5.03	70.9	74.5	93
	183	119	115	4.75	72.7	74.9	93
	146	128	126	4.28	70.3	71.5	93
	112	128	126	3.68	62.9	63.6	93

1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	304	113	103	8.11	63.5	69.3	97
	257	142	135	8.00	70.9	74.5	97
	214	162	157	7.55	72.7	74.9	97
	171	174	171	6.80	70.3	71.5	97
	131	174	172	5.85	62.9	63.6	97

1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	348	148	135	12.2	63.5	69.3	101
	294	185	176	12.0	70.9	74.5	101
	245	211	205	11.3	72.7	74.9	101
	196	228	224	10.2	70.3	71.5	101
	150	228	225	8.74	62.9	63.6	101

1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	392	187	171	17.3	63.5	69.3	104
	332	235	224	17.1	70.9	74.5	104
	276	268	260	16.1	72.7	74.9	104
	220	289	284	14.5	70.3	71.5	104
	169	289	286	12.5	62.9	63.6	104

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

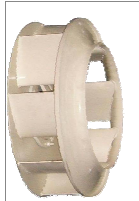
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0800 (# 5 1/2 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

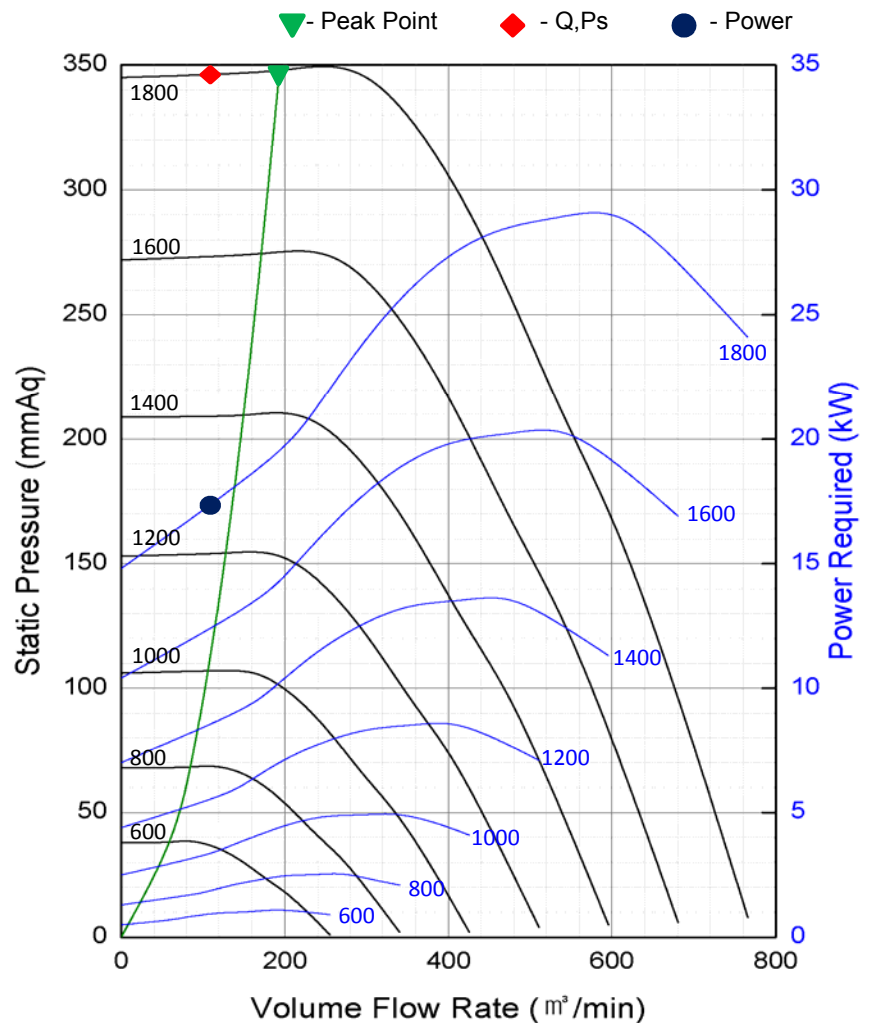
Class- I = 1,647 RPM

Class- II = 1,807 RPM

Class-III = 2,115 RPM

Impeller Diameter : 822 mm.

Outlet Area. : 0.497 m²



800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	238	45	42	2.56	63.5	69.3	86
	201	57	54	2.52	70.9	74.5	86
	167	65	63	2.38	72.7	74.9	86
	133	70	69	2.14	70.3	71.5	86
1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	298	71	65	4.99	63.5	69.3	92
	251	89	85	4.92	70.9	74.5	92
	209	102	99	4.65	72.7	74.9	92
	167	110	108	4.19	70.3	71.5	92
1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	358	102	94	8.63	63.5	69.3	97
	302	128	122	8.51	70.9	74.5	97
	251	147	142	8.03	72.7	74.9	96
	201	158	155	7.24	70.3	71.5	96
1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	418	140	128	13.8	63.5	69.3	101
	353	175	167	13.6	70.9	74.5	101
	294	200	194	12.8	72.7	74.9	101
	234	216	212	11.6	70.3	71.5	101
1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	478	182	167	20.5	63.5	69.3	104
	404	229	218	20.3	70.9	74.5	104
	336	261	254	19.1	72.7	74.9	104
	268	282	277	17.3	70.3	71.5	105
1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	538	231	212	29.3	63.5	69.3	107
	455	290	276	28.9	70.9	74.5	107
	379	331	322	27.3	72.7	74.9	107
	303	358	352	24.6	70.3	71.5	107

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

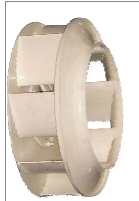
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-0900 (# 6 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.



System range.(Maximum REV./Min)

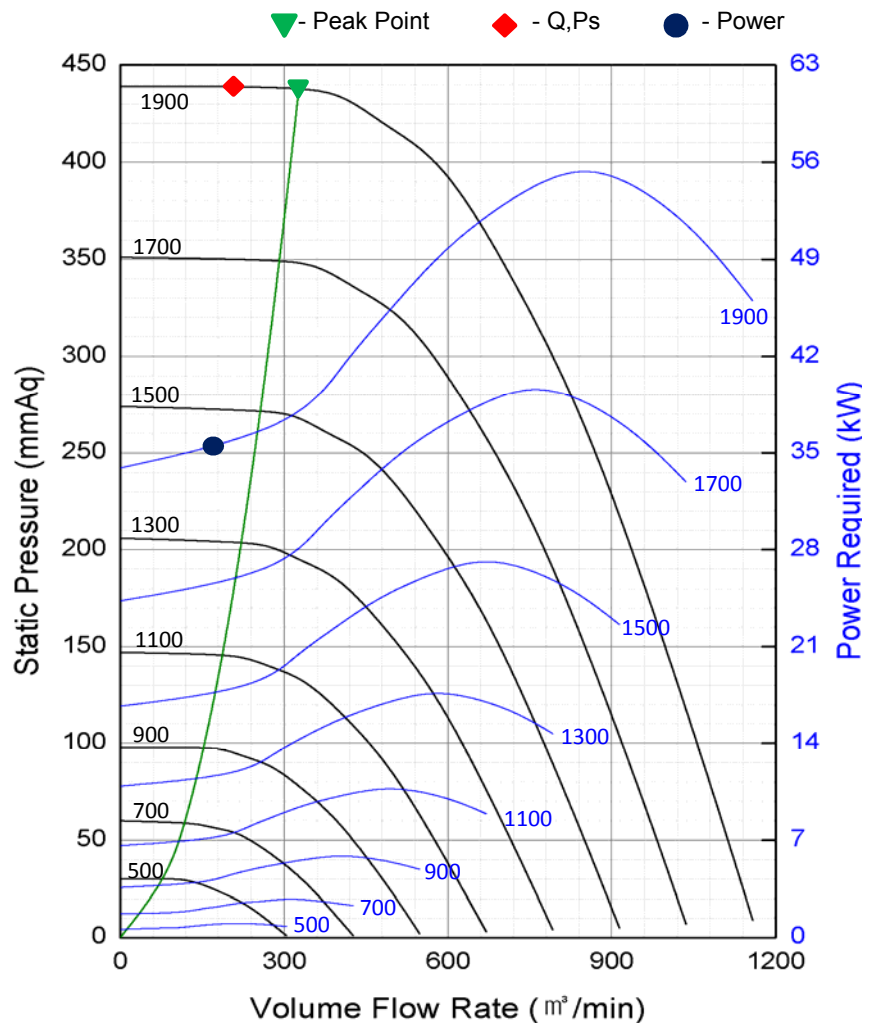
Class- I = 1,413 RPM

Class- II = 1,552 RPM

Class-III = 1,923 RPM

Impeller Diameter : 903 mm.

Outlet Area. : 0.600 m²



700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	305	42	37	2.78	67.2	75.0	86
	262	49	46	2.66	73.9	79.1	85
	216	56	54	2.47	76.9	80.0	85
	178	58	56	2.24	73.0	75.0	85

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	392	69	62	5.91	67.2	75.0	92
	337	81	76	5.64	73.9	79.1	92
	278	93	89	5.25	76.9	80.0	92
	229	95	93	4.76	73.0	75.0	92

1100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	480	103	93	10.8	67.2	75.0	97
	412	122	114	10.4	73.9	79.1	97
	340	139	133	9.58	76.9	80.0	97
	281	143	139	8.69	73.0	75.0	97

1300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	568	145	130	17.9	67.2	75.0	102
	488	170	159	17.1	73.9	79.1	101
	402	194	186	15.9	76.9	80.0	101
	332	199	194	14.4	73.0	75.0	101

1500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	657	193	173	27.5	67.2	75.0	105
	563	227	212	26.3	73.9	79.1	105
	465	259	249	24.4	76.9	80.0	104
	384	266	259	22.2	73.0	75.0	104

1700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	745	248	222	40.0	67.2	75.0	108
	640	292	273	38.3	73.9	79.1	108
	528	333	320	35.6	76.9	80.0	107
	436	343	334	32.3	73.0	75.0	107

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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.

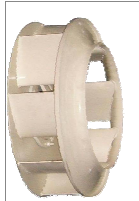
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-1000 (# 7 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

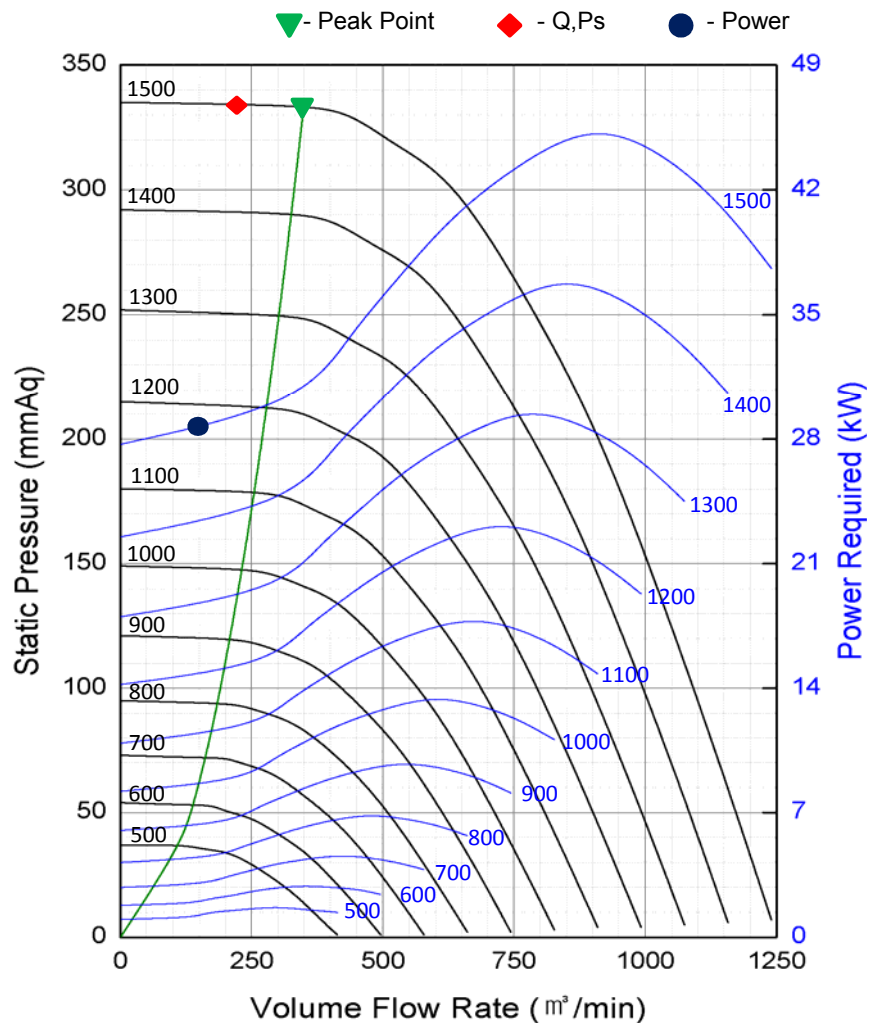
Class- I = 1,344 RPM

Class- II = 1,497 RPM

Class- III = 1,639 RPM

Impeller Diameter : 1,000 mm.

Outlet Area. : 0.738 m²



700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	414	51	46	4.63	67.2	75.0	89
	355	60	56	4.42	73.9	79.1	88
	293	69	66	4.11	76.9	80.0	88
	242	71	69	3.73	73.0	75.0	88
	203	73	72	3.44	69.1	70.3	88

800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	473	67	60	6.90	67.2	75.0	92
	406	79	74	6.60	73.9	79.1	92
	335	90	86	6.13	76.9	80.0	92
	277	92	90	5.56	73.0	75.0	92
	232	95	93	5.13	69.1	70.3	92

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	533	85	76	9.83	67.2	75.0	95
	457	100	93	9.39	73.9	79.1	95
	377	114	109	8.73	76.9	80.0	95
	311	117	114	7.92	73.0	75.0	95
	261	121	118	7.30	69.1	70.3	95

1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	592	105	94	13.5	67.2	75.0	98
	508	123	115	12.9	73.9	79.1	98
	419	140	135	12.0	76.9	80.0	98
	346	144	141	10.9	73.0	75.0	98
	290	149	146	10.1	69.1	70.3	98

1100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	652	127	114	18.0	67.2	75.0	100
	559	149	139	17.2	73.9	79.1	100
	462	170	163	16.0	76.9	80.0	100
	381	175	170	14.5	73.0	75.0	100
	319	180	177	13.4	69.1	70.3	100

1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	712	151	135	23.4	67.2	75.0	103
	611	178	166	22.3	73.9	79.1	102
	504	203	195	20.8	76.9	80.0	102
	416	208	203	18.8	73.0	75.0	102
	349	215	211	17.4	69.1	70.3	102

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

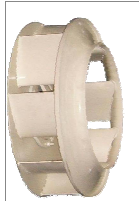
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-1120 (# 8 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

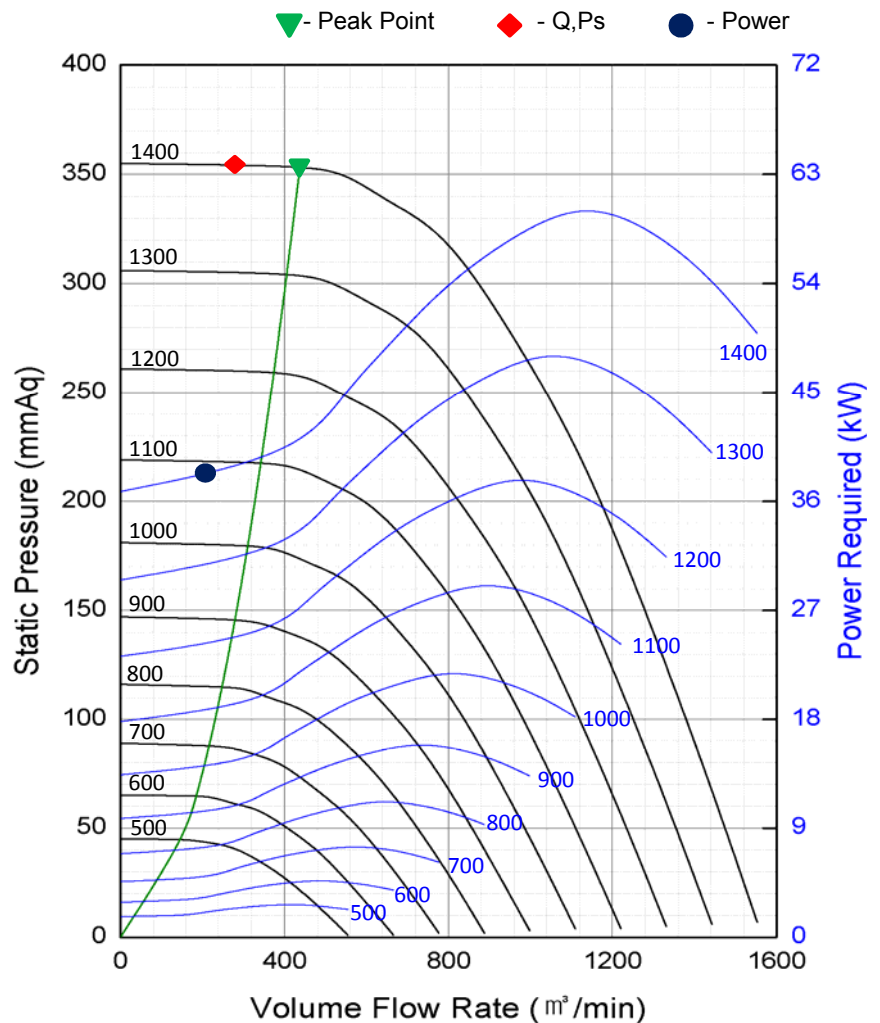
Class- I = 903 RPM

Class- II = 1,179 RPM

Class-III = 1,486 RPM

Impeller Diameter : 1,103 mm.

Outlet Area. : 0.892 m²



600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	476	46	41	4.76	67.2	75.0	88
	408	54	50	4.55	73.9	79.1	88
	337	61	59	4.23	76.9	80.0	87
	278	63	61	3.84	73.0	75.0	87
700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	556	62	56	7.56	67.2	75.0	92
	477	73	68	7.22	73.9	79.1	91
	393	84	80	6.71	76.9	80.0	91
	325	86	84	6.09	73.0	75.0	91
800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	635	82	73	11.3	67.2	75.0	95
	545	96	90	10.8	73.9	79.1	95
	450	109	105	10.0	76.9	80.0	95
	371	112	109	9.09	73.0	75.0	95
900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	715	103	92	16.1	67.2	75.0	98
	614	121	113	15.4	73.9	79.1	98
	506	138	133	14.3	76.9	80.0	98
	418	142	139	13.0	73.0	75.0	98
1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	795	128	114	22.1	67.2	75.0	101
	682	150	140	21.1	73.9	79.1	101
	563	171	164	19.6	76.9	80.0	101
	465	176	171	17.8	73.0	75.0	101
1100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	876	154	138	29.4	67.2	75.0	103
	751	182	170	28.1	73.9	79.1	103
	620	207	199	26.1	76.9	80.0	103
	512	213	208	23.7	73.0	75.0	103

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

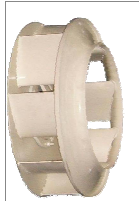
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-1250 (# 9 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

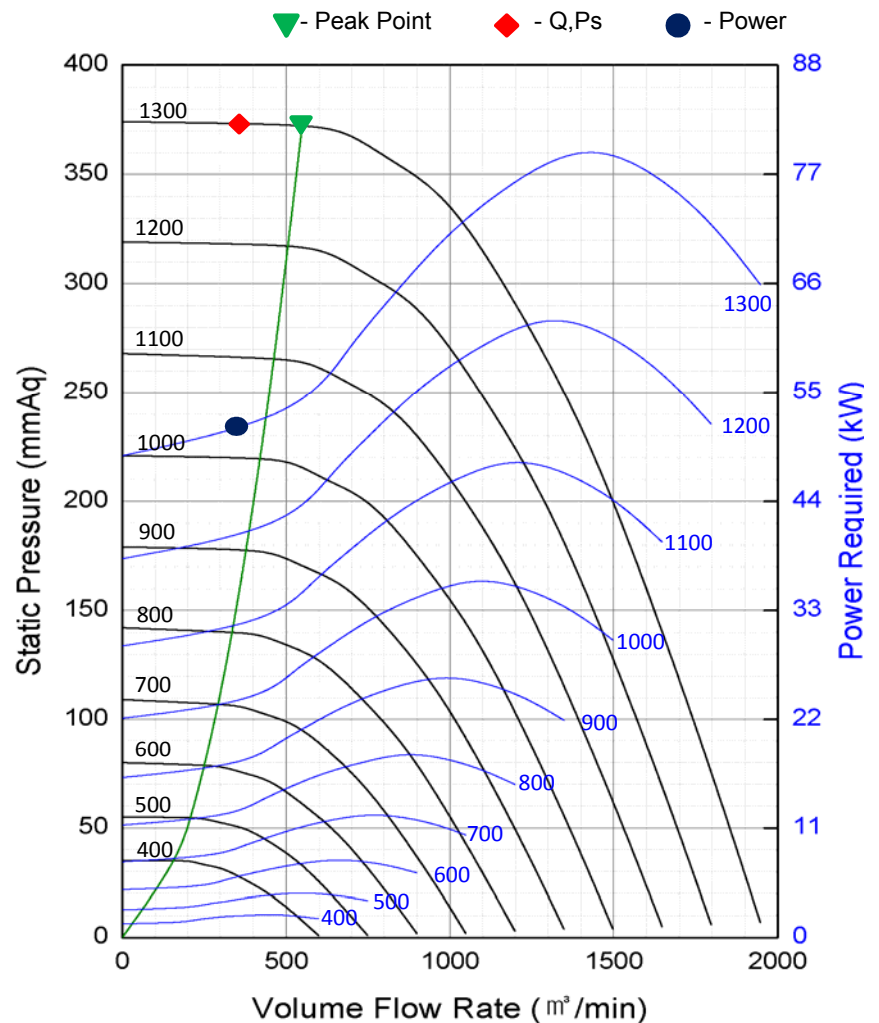
Class- I = 817 RPM

Class- II = 1,066 RPM

Class- III = 1,344 RPM

Impeller Diameter : 1,219 mm.

Outlet Area. : 1.09 m²



500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	535	39	35	4.54	67.2	75.0	86
	459	46	43	4.34	73.9	79.1	86
	379	52	50	4.03	76.9	80.0	86
	313	54	52	3.66	73.0	75.0	86
600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	643	56	50	7.85	67.2	75.0	91
	551	66	61	7.50	73.9	79.1	91
	455	75	72	6.97	76.9	80.0	90
	376	77	75	6.32	73.0	75.0	90
700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	750	76	68	12.5	67.2	75.0	95
	644	90	84	11.9	73.9	79.1	94
	531	102	98	11.1	76.9	80.0	94
	438	105	102	10.1	73.0	75.0	94
800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	858	100	89	18.6	67.2	75.0	98
	736	117	109	17.8	73.9	79.1	98
	607	133	128	16.5	76.9	80.0	98
	502	137	134	15.0	73.0	75.0	98
900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	966	126	113	26.5	67.2	75.0	101
	829	148	139	25.3	73.9	79.1	101
	684	169	162	23.6	76.9	80.0	101
	565	174	169	21.4	73.0	75.0	101
1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1074	156	140	36.4	67.2	75.0	104
	922	183	171	34.8	73.9	79.1	104
	761	209	201	32.3	76.9	80.0	104
	628	215	209	29.3	73.0	75.0	104

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

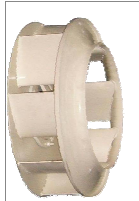
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-1400 (# 10 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

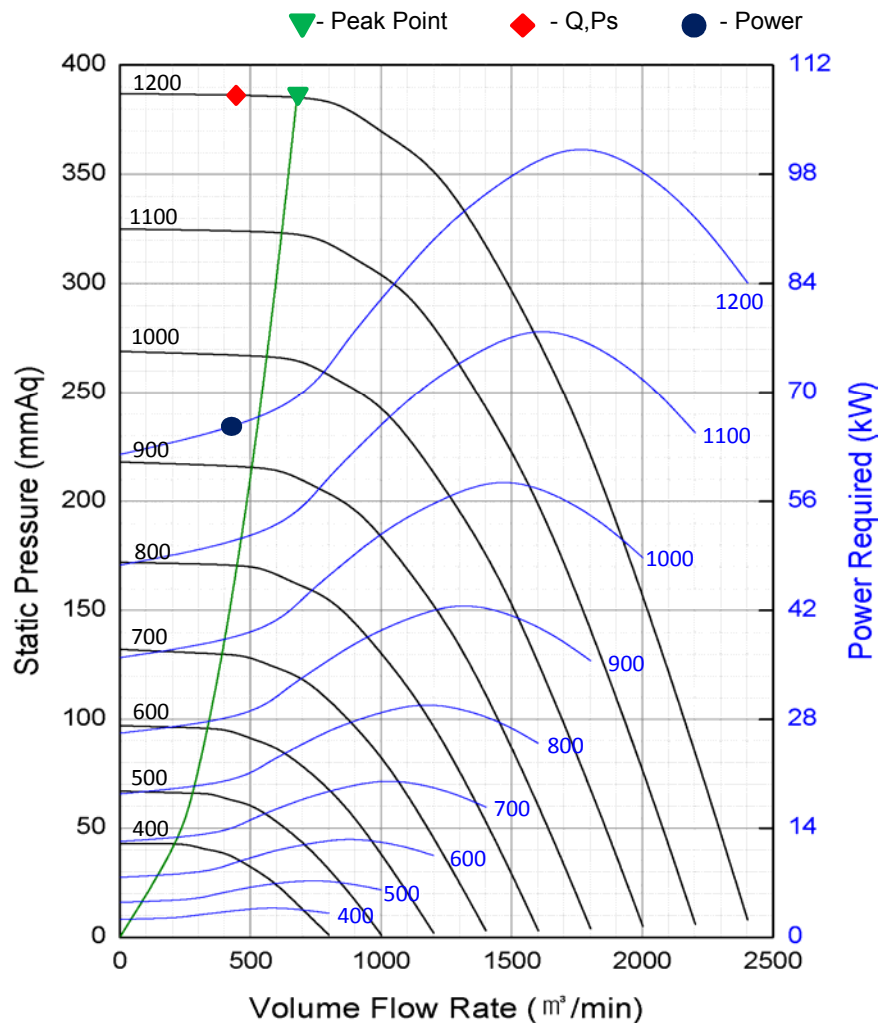
Class- I = 742 RPM

Class- II = 968 RPM

Class- III = 1,221 RPM

Impeller Diameter : 1,343 mm.

Outlet Area. : 1.324 m²



500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	716	47	42	7.37	67.2	75.0	89
	614	55	52	7.04	73.9	79.1	89
	506	63	61	6.55	76.9	80.0	89
	418	65	63	5.94	73.0	75.0	89

600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	860	68	61	12.8	67.2	75.0	94
	737	80	75	12.2	73.9	79.1	94
	608	91	87	11.4	76.9	80.0	93
	502	94	91	10.3	73.0	75.0	93

700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1004	93	83	20.3	67.2	75.0	98
	861	109	102	19.4	73.9	79.1	97
	710	124	119	18.0	76.9	80.0	97
	587	128	124	16.3	73.0	75.0	97

800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1148	121	108	30.2	67.2	75.0	101
	985	142	133	28.9	73.9	79.1	101
	813	162	156	26.8	76.9	80.0	101
	671	167	162	24.3	73.0	75.0	101

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1293	153	137	43.0	67.2	75.0	104
	1110	180	168	41.1	73.9	79.1	104
	916	205	197	38.2	76.9	80.0	104
	756	211	206	34.7	73.0	75.0	104

1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1438	189	170	59.1	67.2	75.0	107
	1234	223	208	56.5	73.9	79.1	107
	1019	254	244	52.5	76.9	80.0	107
	842	261	255	47.6	73.0	75.0	107

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

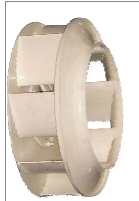
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-1600 (# 11 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

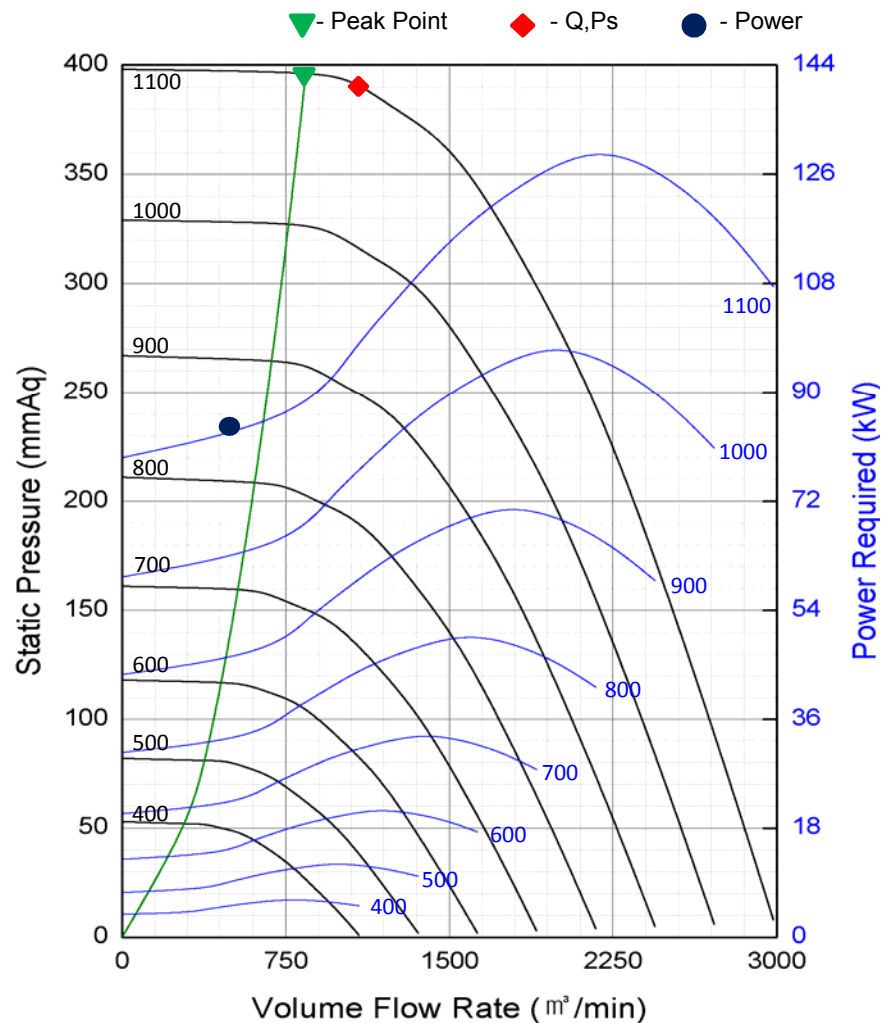
Class- I = 670 RPM

Class- II = 875 RPM

Class- III = 1,103 RPM

Impeller Diameter : 1,486 mm.

Outlet Area. : 1.623 m²



400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	776	37	33	6.26	67.2	75.0	86
	665	43	41	5.98	73.9	79.1	86
	549	49	48	5.56	76.9	80.0	86
	453	51	50	5.04	73.0	75.0	86
500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	970	58	52	12.3	67.2	75.0	92
	832	68	63	11.7	73.9	79.1	92
	686	77	74	10.9	76.9	80.0	92
	567	80	78	9.85	73.0	75.0	92
600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1165	83	75	21.2	67.2	75.0	97
	999	98	91	20.2	73.9	79.1	97
	825	111	107	18.8	76.9	80.0	96
	681	115	112	17.1	73.0	75.0	96
700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1361	113	102	33.6	67.2	75.0	101
	1167	133	125	32.1	73.9	79.1	100
	963	152	146	29.8	76.9	80.0	100
	796	156	152	27.1	73.0	75.0	100
800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1557	148	133	50.1	67.2	75.0	104
	1336	174	163	47.9	73.9	79.1	104
	1102	199	191	44.5	76.9	80.0	104
	910	204	199	40.4	73.0	75.0	104
900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1753	188	168	71.4	67.2	75.0	107
	1505	221	207	68.2	73.9	79.1	107
	1242	252	242	63.5	76.9	80.0	107
	1026	259	252	57.6	73.0	75.0	107

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

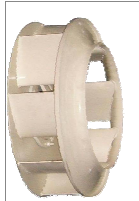
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-1800 (# 12 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

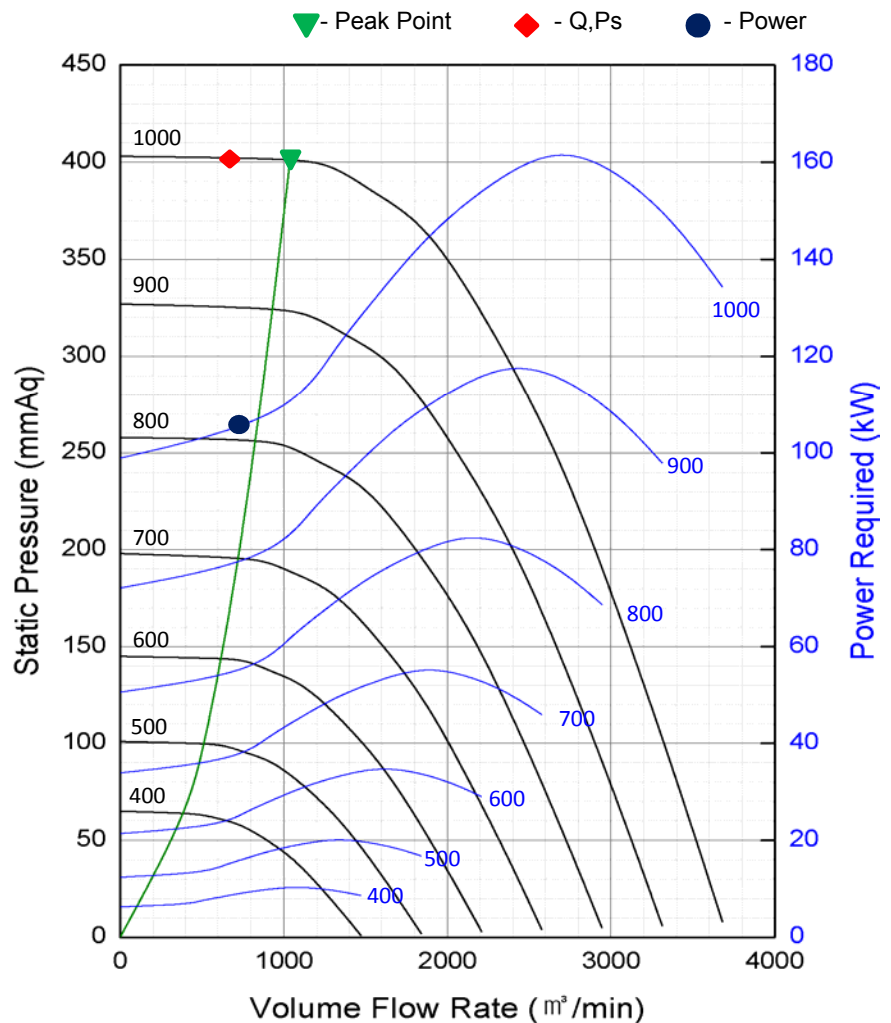
Class- I = 606 RPM

Class- II = 791 RPM

Class- III = 997 RPM

Impeller Diameter : 1,645 mm.

Outlet Area. : 1.984 m²



400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1053	45	41	10.4	67.2	75.0	89
	903	53	50	9.94	73.9	79.1	89
	745	61	58	9.24	76.9	80.0	89
	615	62	61	8.38	73.0	75.0	89
500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1317	71	63	20.4	67.2	75.0	96
	1129	83	78	19.5	73.9	79.1	95
	932	95	91	18.1	76.9	80.0	95
	769	98	95	16.4	73.0	75.0	95
600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1582	102	91	35.1	67.2	75.0	100
	1357	120	112	33.6	73.9	79.1	100
	1119	137	131	31.2	76.9	80.0	100
	925	141	137	28.3	73.0	75.0	100
700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1847	139	125	55.8	67.2	75.0	104
	1585	163	153	53.3	73.9	79.1	104
	1308	186	179	49.6	76.9	80.0	103
	1080	192	187	45.0	73.0	75.0	103
800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2114	182	163	83.3	67.2	75.0	107
	1814	214	200	79.7	73.9	79.1	107
	1498	244	234	74.1	76.9	80.0	107
	1237	251	244	67.2	73.0	75.0	107
900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2382	230	206	118.8	67.2	75.0	110
	2045	271	253	113.6	73.9	79.1	110
	1688	309	297	105.7	76.9	80.0	110
	1394	318	310	95.9	73.0	75.0	110

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

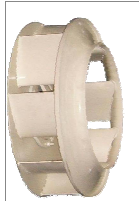
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-2000 (# 13 SS)



Belt-driven, Single-Inlet
Airfoil Blade



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.

System range.(Maximum REV./Min)

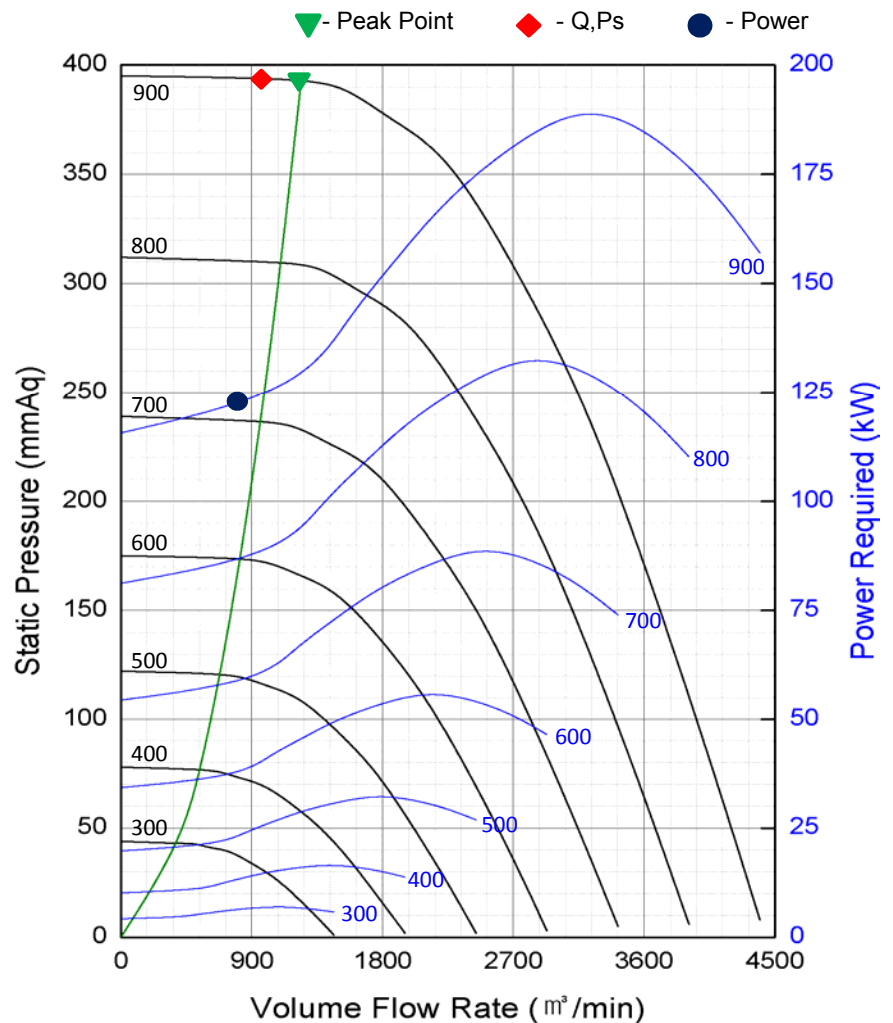
Class- I = 551 RPM

Class- II = 719 RPM

Class-III = 906 RPM

Impeller Diameter : 1,808 mm.

Outlet Area. : 2.399 m²



400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1398	55	49	16.7	67.2	75.0	92
	1199	64	60	16.0	73.9	79.1	92
	989	73	70	14.9	76.9	80.0	92
	817	75	73	13.5	73.0	75.0	92
	684	78	76	12.4	69.1	70.3	91

500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1749	86	77	32.6	67.2	75.0	98
	1500	101	94	31.2	73.9	79.1	98
	1238	115	110	29.0	76.9	80.0	98
	1022	118	115	26.3	73.0	75.0	98
	856	122	119	24.2	69.1	70.3	98

600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2101	123	110	56.3	67.2	75.0	103
	1803	145	136	53.8	73.9	79.1	103
	1488	165	159	50.0	76.9	80.0	102
	1229	170	166	45.4	73.0	75.0	102
	1029	175	172	41.8	69.1	70.3	102

700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2455	168	151	89.5	67.2	75.0	107
	2107	198	185	85.5	73.9	79.1	106
	1739	225	217	79.6	76.9	80.0	106
	1436	232	226	72.2	73.0	75.0	106
	1203	239	235	66.5	69.1	70.3	106

800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2810	220	197	133.8	67.2	75.0	110
	2412	259	242	127.9	73.9	79.1	110
	1991	295	284	119.0	76.9	80.0	110
	1645	304	296	107.9	73.0	75.0	110
	1378	313	308	99.4	69.1	70.3	110

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m ³ /m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	3167	279	250	190.7	67.2	75.0	113
	2719	328	307	182.5	73.9	79.1	113
	2246	374	360	169.8	76.9	80.0	113
	1855	385	375	154.0	73.0	75.0	113
	1554	397	390	141.9	69.1	70.3	113

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

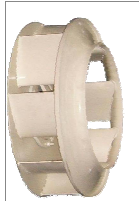
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

BFS-2240 (# 14 SS)

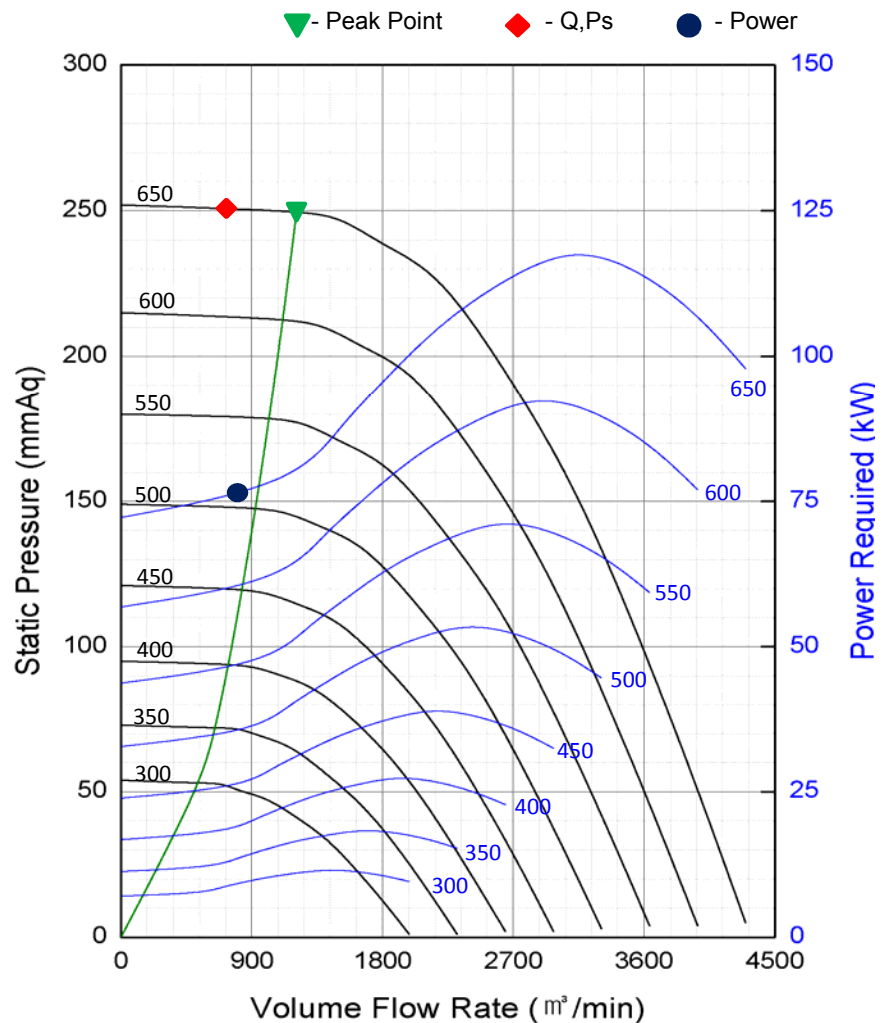


Belt-driven, Single-Inlet
Airfoil Blade



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.



System range.(Maximum REV./Min)

Class- I = 498 RPM

Class- II = 650 RPM

Impeller Diameter : 2,000 mm.

Outlet Area. : 3.003 m²

350 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1656	51	46	18.6	67.2	75.0	91
	1420	60	56	17.7	73.9	79.1	91
	1171	69	66	16.5	76.9	80.0	91
	967	71	69	15.0	73.0	75.0	91
400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1893	67	60	27.7	67.2	75.0	95
	1624	79	74	26.4	73.9	79.1	95
	1339	90	86	24.6	76.9	80.0	95
	1106	92	90	22.3	73.0	75.0	95
450 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2131	85	76	39.4	67.2	75.0	98
	1828	100	93	37.6	73.9	79.1	98
	1508	114	109	35.0	76.9	80.0	98
	1245	117	114	31.7	73.0	75.0	98
500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2369	105	94	54.0	67.2	75.0	101
	2032	123	115	51.6	73.9	79.1	101
	1677	140	135	48.0	76.9	80.0	101
	1385	144	141	43.5	73.0	75.0	101
550 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2608	127	114	71.8	67.2	75.0	104
	2237	149	139	68.6	73.9	79.1	104
	1846	170	163	63.8	76.9	80.0	104
	1525	175	170	57.9	73.0	75.0	103
600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2847	151	135	93.3	67.2	75.0	106
	2443	178	166	89.2	73.9	79.1	106
	2016	203	195	82.9	76.9	80.0	106
	1665	208	203	75.2	73.0	75.0	105
650 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	3195	215	211	69.3	69.1	70.3	105

※ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

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

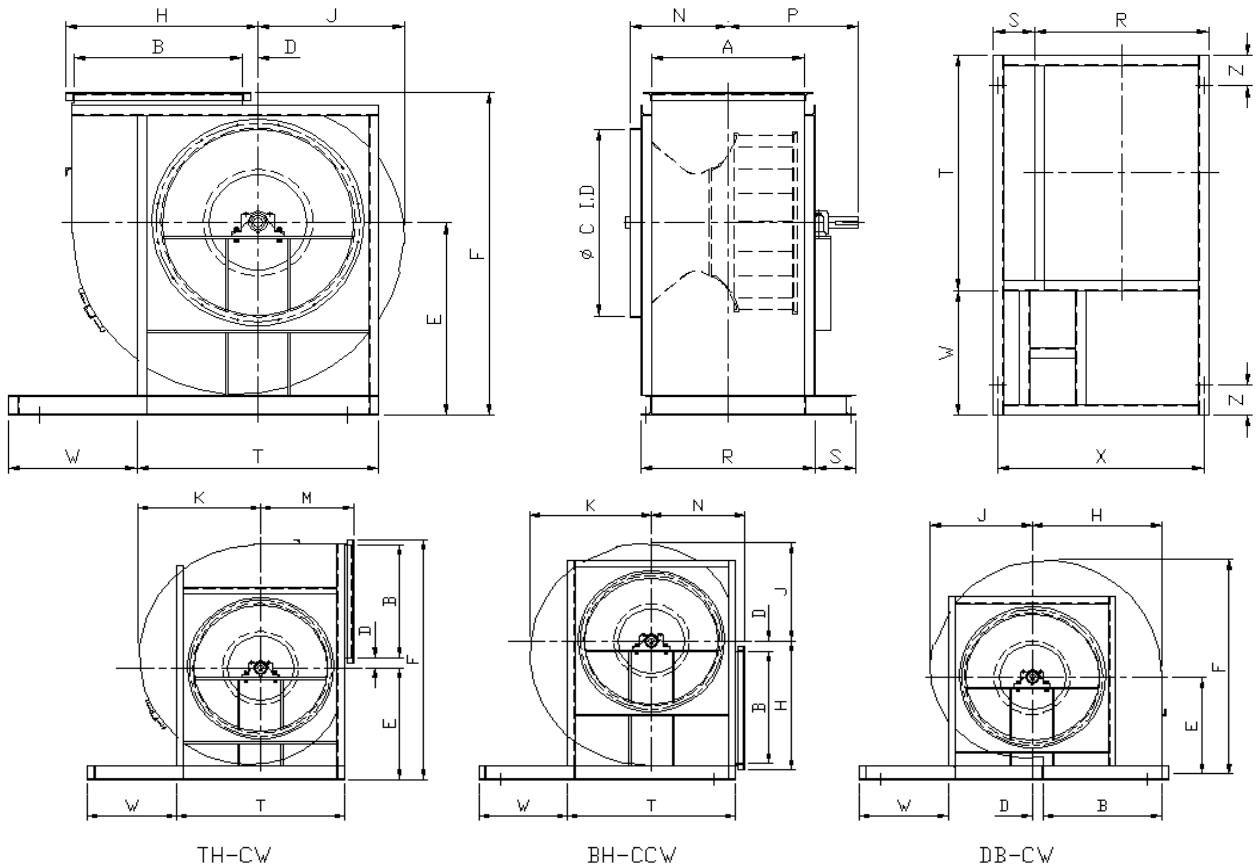
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

4. OUT LINE DWG. / Arg-3



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



<표-1 외형 치수>

DIMENSIONS (mm)												
FAN SIZE.	A	B	C	D	E (center)				F (height)			
					UB	TH	BH	DB	UB	TH	BH	DB
BFS-0315 (# 2 SS)	276	305	339	25	427	376	417	406	742	746	688	728
BFS-0355 (# 2 1/2 SS)	303	336	373	27	459	402	503	425	793	805	799	778
BFS-0400 (# 2 3/4 SS)	337	372	415	32	497	433	544	451	857	877	873	842
BFS-0450 (# 3 SS)	370	409	456	36	535	465	586	482	926	950	945	911
BFS-0500 (# 3 1/2 SS)	408	450	505	40	552	476	608	508	969	1006	1002	979
BFS-0560 (# 3 3/4 SS)	448	496	553	43	597	513	655	539	1045	1092	1090	1058
BFS-0630 (# 4 SS)	498	555	616	44	652	560	715	578	1139	1199	1197	1153
BFS-0680 (# 4 1/2 SS)	548	608	678	51	719	608	775	618	1246	1307	1304	1249
BFS-0710 (# 5 SS)	603	672	747	55	808	694	879	691	1373	1461	1459	1385
BFS-0800 (# 5 1/2 SS)	673	739	830	69	883	757	959	735	1492	1605	1605	1506
BFS-0900 (# 6 SS)	739	812	905	77	957	821	1040	773	1604	1750	1748	1619
BFS-1000 (# 7 SS)	815	906	1010	76	1096	944	1208	912	1807	1976	1988	1846
BFS-1120 (# 8 SS)	895	997	1113	84	1221	1043	1255	950	2009	2174	2113	1977
BFS-1250 (# 9 SS)	989	1102	1230	94	1327	1144	1370	1020	2185	2390	2317	2154
BFS-1400 (# 10 SS)	1089	1216	1356	102	1441	1239	1492	1103	2382	2607	2535	2352
BFS-1600 (# 11 SS)	1205	1347	1487	111	1572	1345	1632	1198	2608	2853	2784	2578
BFS-1800 (# 12 SS)	1335	1486	1664	125	1715	1465	1785	1306	2859	3141	3058	2830
BFS-2000 (# 13 SS)	1467	1635	1816	138	1865	1592	1947	1408	3111	3430	3347	3084
BFS-2240 (# 14 SS)	1622	1807	2008	154	2066	1764	2135	1528	3432	3800	3680	3380

- NOTE -

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

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

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

Make standard

1	2	CW ROTATION
3	4	
UB	TH	

Custom-made

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

구동측에서 바라본 회전 및 토출방향(View at drive side)

<표-2 회전 및 토출방향>

SIZE "W"			
Motor Frame.	75	100	150
90L	370	360	
100L	420	410	
112M	450	450	480
132S	520	530	560
132M	520	530	560
160M	600	620	660
160L	600	620	660
180M	660	680	720
180L	660	680	720
200L	730	770	810
225S		840	890
225M		840	890
250S		930	980
250M		930	980
280S			1070
280M			1070
280L			1070

<표-3 치수"W">

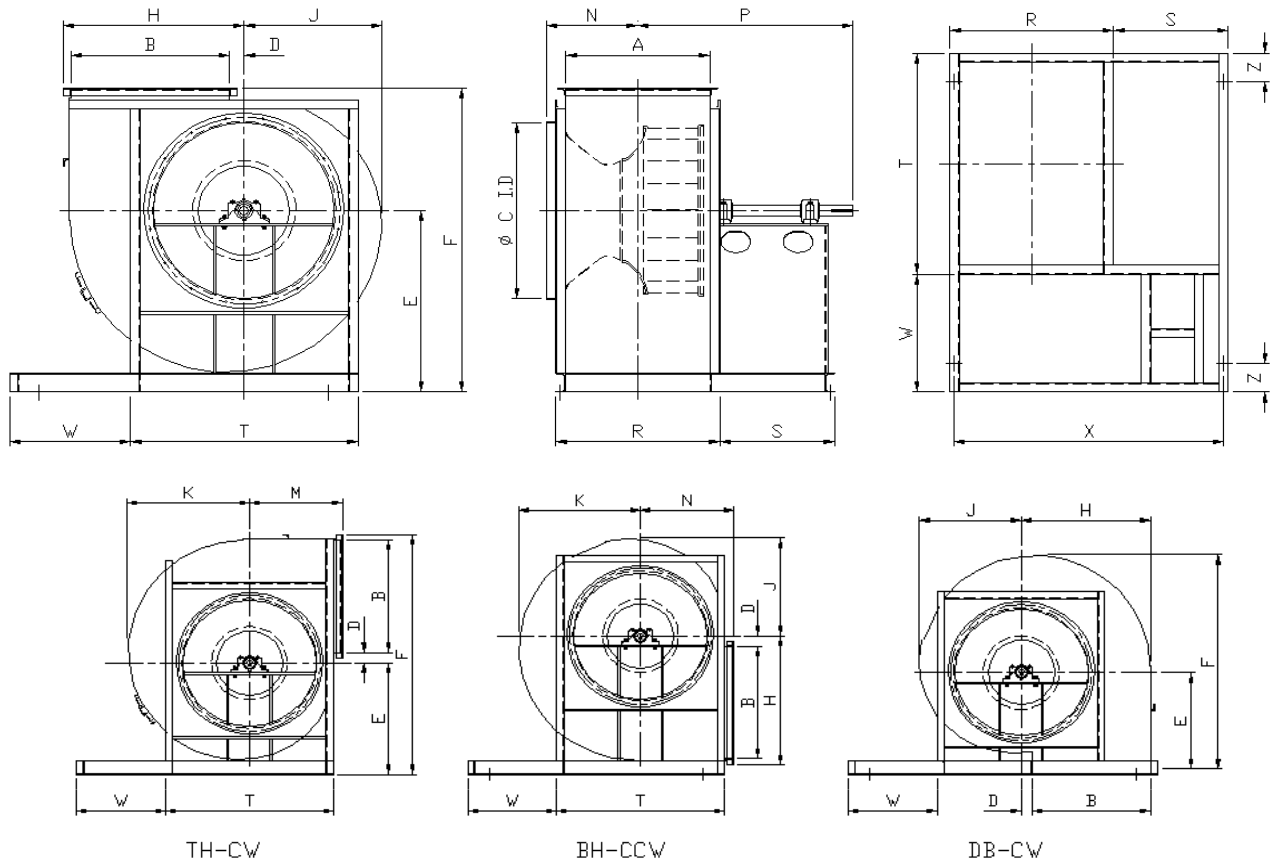
DIMENSIONS (mm)												Base Channel
FAN SIZE.	H	J	K	M	N	P	R	S	T	X	Z	
BFS-0315 (# 2 SS)	370	271	322	315	213	339	356	160	508	480	150	75X40X5t
BFS-0355 (# 2 1/2 SS)	403	296	353	334	227	352	383	160	549	507	150	75X40X5t
BFS-0400 (# 2 3/4 SS)	444	329	391	360	244	369	417	160	594	541	150	75X40X5t
BFS-0450 (# 3 SS)	485	359	429	391	260	386	450	170	654	584	150	75X40X5t
BFS-0500 (# 3 1/2 SS)	530	394	471	417	279	409	488	170	714	622	150	75X40X5t
BFS-0560 (# 3 3/4 SS)	579	435	519	448	299	429	528	170	768	662	150	75X40X5t
BFS-0630 (# 4 SS)	639	482	575	487	349	500	578	170	851	712	150	75X40X5t
BFS-0680 (# 4 1/2 SS)	699	529	631	527	374	525	628	200	930	792	150	75X40X5t
BFS-0710 (# 5 SS)	767	580	694	565	402	567	703	200	1003	859	150	100X50X5t
BFS-0800 (# 5 1/2 SS)	848	646	771	609	437	602	773	200	1083	929	150	100X50X5t
BFS-0900 (# 6 SS)	929	708	846	647	470	638	840	200	1168	996	150	100X50X5t
BFS-1000 (# 7 SS)	1032	780	934	711	508	676	965	230	1302	1127	200	150X75X6.5t
BFS-1120 (# 8 SS)	1131	858	1027	788	548	723	1045	230	1408	1207	200	150X75X6.5t
BFS-1250 (# 9 SS)	1246	947	1134	858	595	772	1139	230	1549	1301	200	150X75X6.5t
BFS-1400 (# 10 SS)	1368	1043	1249	941	675	867	1239	230	1708	1401	200	150X75X6.5t
BFS-1600 (# 11 SS)	1508	1152	1380	1036	733	948	1355	280	1885	1567	250	150X75X6.5t
BFS-1800 (# 12 SS)	1676	1273	1524	1144	818	1018	1485	280	2083	1697	250	150X75X6.5t
BFS-2000 (# 13 SS)	1838	1400	1676	1246	884	1106	1617	280	2292	1829	250	150X75X6.5t
BFS-2240 (# 14 SS)	2036	1545	1852	1366	961	1194	1772	280	2534	1984	250	150X75X6.5t

- NOTE -

1. 팬 회전 및 토출방향은 "표 2"에 따른다.
2. "표-2"는 Pulley(구동측)이 기준이 됩니다.
3. SIZE "W"는 모터 프레임에 따라 변경되는 값으로, 베이스 규격 과 모터 프레임을 참조(-표-3).

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

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



<표-1 외형 치수>

DIMENSIONS (mm)												
FAN SIZE.	A	B	C	D	E (center)				F (height)			
					UB	TH	BH	DB	UB	TH	BH	DB
BFS-0315 (# 2 SS)	276	305	339	25	427	376	417	406	742	746	688	728
BFS-0355 (# 2 1/2 SS)	303	336	373	27	459	402	503	425	793	805	799	778
BFS-0400 (# 2 3/4 SS)	337	372	415	32	497	433	544	451	857	877	873	842
BFS-0450 (# 3 SS)	370	409	456	36	535	465	586	482	926	950	945	911
BFS-0500 (# 3 1/2 SS)	408	450	505	40	552	476	608	508	969	1006	1002	979
BFS-0560 (# 3 3/4 SS)	448	496	553	43	597	513	655	539	1045	1092	1090	1058
BFS-0630 (# 4 SS)	498	555	616	44	652	560	715	578	1139	1199	1197	1153
BFS-0680 (# 4 1/2 SS)	548	608	678	51	719	608	775	618	1246	1307	1304	1249
BFS-0710 (# 5 SS)	603	672	747	55	808	694	879	691	1373	1461	1459	1385
BFS-0800 (# 5 1/2 SS)	673	739	830	69	883	757	959	735	1492	1605	1605	1506
BFS-0900 (# 6 SS)	739	812	905	77	957	821	1040	773	1604	1750	1748	1619
BFS-1000 (# 7 SS)	815	906	1010	76	1096	944	1208	912	1807	1976	1988	1846
BFS-1120 (# 8 SS)	895	997	1113	84	1221	1043	1255	950	2009	2174	2113	1977
BFS-1250 (# 9 SS)	989	1102	1230	94	1327	1144	1370	1020	2185	2390	2317	2154
BFS-1400 (# 10 SS)	1089	1216	1356	102	1441	1239	1492	1103	2382	2607	2535	2352
BFS-1600 (# 11 SS)	1205	1347	1487	111	1572	1345	1632	1198	2608	2853	2784	2578
BFS-1800 (# 12 SS)	1335	1486	1664	125	1715	1465	1785	1306	2859	3141	3058	2830
BFS-2000 (# 13 SS)	1467	1635	1816	138	1865	1592	1947	1408	3111	3430	3347	3084
BFS-2240 (# 14 SS)	1622	1807	2008	154	2066	1764	2135	1528	3432	3800	3680	3380

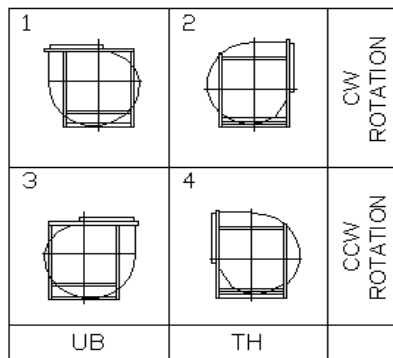
- NOTE -

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

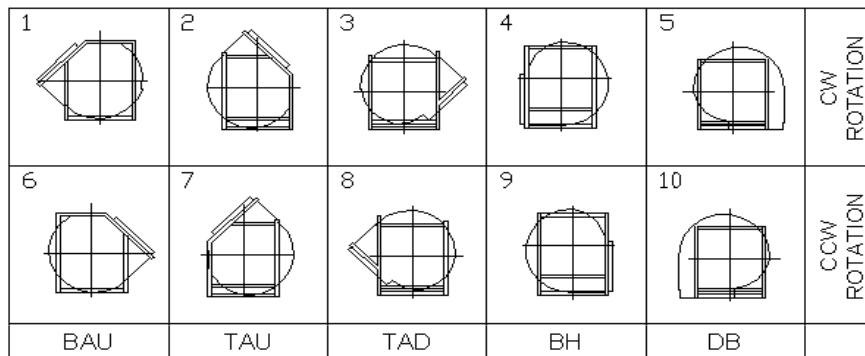
※ 상기 치수는 제품의 개선으로 사전 예고없이 변경 될 수 있으며, 반드시 당사 기술/영업부의 별도 승인후 적용 바랍니다.

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

Make standard



Custom-made



구동측에서 바라본 회전 및 토출방향(View at drive side)

<표-2 회전 및 토출방향>

SIZE "W"			
Motor Frame.	75	100	150
90L	355	365	
100L	415	425	
112M	415	425	450
132S	470	480	505
132M	470	480	505
160M	540	550	575
160L	540	550	575
180M	590	600	625
180L	590	600	625
200L	665	675	700
225S		745	770
225M		745	770
250S		830	855
250M		830	855
280S			915
280M			915
280L			915

<표-3 치수"W">

DIMENSIONS (mm)												Base Channel
FAN SIZE.	H	J	K	M	N	P	R	S	T	X	Z	
BFS-0315 (# 2 SS)	370	271	322	315	213	691	356	435	508	773	150	75X40X5t
BFS-0355 (# 2 1/2 SS)	403	296	353	334	227	755	383	485	549	850	150	75X40X5t
BFS-0400 (# 2 3/4 SS)	444	329	391	360	244	802	417	515	594	914	150	75X40X5t
BFS-0450 (# 3 SS)	485	359	429	391	260	833	450	530	654	962	150	75X40X5t
BFS-0500 (# 3 1/2 SS)	530	394	471	417	279	907	488	585	714	1055	150	75X40X5t
BFS-0560 (# 3 3/4 SS)	579	435	519	448	299	947	528	605	768	1115	150	75X40X5t
BFS-0630 (# 4 SS)	639	482	575	487	349	1017	578	610	851	1170	150	75X40X5t
BFS-0680 (# 4 1/2 SS)	699	529	631	527	374	1067	628	635	930	1245	150	75X40X5t
BFS-0710 (# 5 SS)	767	580	694	565	402	1140	703	680	1003	1361	150	100X50X5t
BFS-0800 (# 5 1/2 SS)	848	646	771	609	437	1185	773	690	1083	1441	150	100X50X5t
BFS-0900 (# 6 SS)	929	708	846	647	470	1243	840	715	1168	1533	150	100X50X5t
BFS-1000 (# 7 SS)	1032	780	934	711	508	1296	965	730	1302	1627	200	150X75X6.5t
BFS-1120 (# 8 SS)	1131	858	1027	788	548	1356	1045	746	1408	1723	200	150X75X6.5t
BFS-1250 (# 9 SS)	1246	947	1134	858	595	1437	1139	780	1549	1851	200	150X75X6.5t
BFS-1400 (# 10 SS)	1368	1043	1249	941	675	1538	1239	791	1708	1962	200	150X75X6.5t
BFS-1600 (# 11 SS)	1508	1152	1380	1036	733	1621	1355	816	1885	2103	250	150X75X6.5t
BFS-1800 (# 12 SS)	1676	1273	1524	1144	818	1796	1485	926	2083	2343	250	150X75X6.5t
BFS-2000 (# 13 SS)	1838	1400	1676	1246	884	1906	1617	970	2292	2519	250	150X75X6.5t
BFS-2240 (# 14 SS)	2036	1545	1852	1366	961	2030	1772	1017	2534	2721	250	150X75X6.5t

- NOTE -

1. 팬 회전 및 토출방향은 "표 2"에 따른다.
2. "표-2"는 Pulley(구동측)이 기준이 됩니다.
3. SIZE "W"는 모터 프레임에 따라 변경되는 값으로, 베이스 규격 과 모터 프레임을 참조(-표-3).

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