

Bulletin
NO.: BFD-A101
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AIRFOIL FAN DUBLE INLET

FAN & BLOWER SYSTEM
BFD Series



1. 기술 현황
2. 제품의 특징
3. Performance curve
4. OUT-LINE DWG.

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 운용하고 있다는 것을 보증하는 것으로 공급자 품질시스템에 대한 제 3 자 심사 및 등록제도입니다.

고효율기자재 인증



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 - DIDW

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.

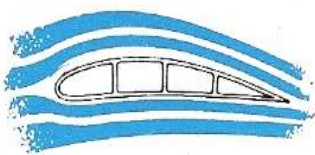
견고한 용접구조와 엄선한 볼 및 로울러 베어링을 사용하여 장시간 연속 운전에도 신뢰성이 높은 운전이 가능합니다

Wheel Dia. 300~2,000mm

풍량 (m^3/min)	토출속도 (m/s)	정압 (mmAq)
30	4.5	20
~	~	~
9,500	25	380



뛰어난 성능의 WHEEL

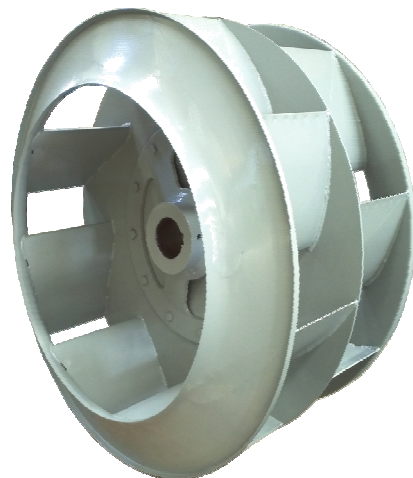


상/하 익형 적용으로 최상의 기류를 형성

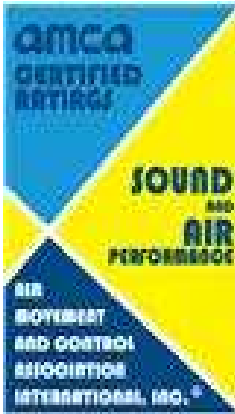


이상적인 블레이드의 배치로, 회전시 와류 현상 및 소음의 최소화를 실현하였습니다.

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



2. 제품 특징

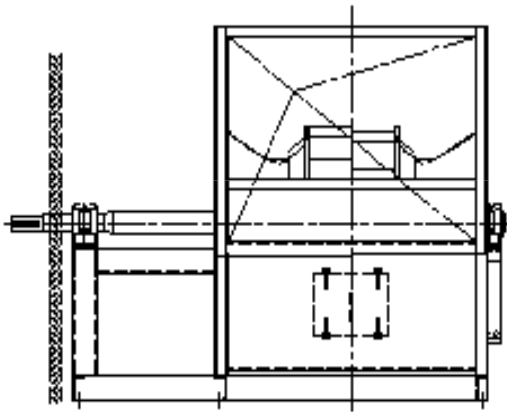


검증된 성능

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

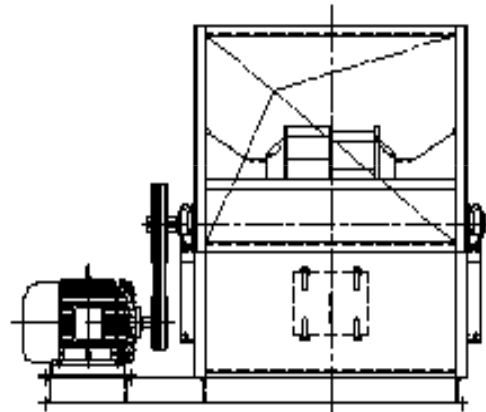
본 카다로그의 성능평가는 AMCA 출판물 211과 동일하게 시행된 TEST 와 절차에 의거하였으며, AMCA 보증평가 프로그램과 일치합니다.

다양한 호완성



< 공조기 외장형 >

모터 및 풀리, 벨트를 공조기 외부에 위치시켜 구동중 발생할 수 있는 벨트의 분진을 원천적으로 억제할수 있으며, 공조기 내부의 열에 의한 벨트 및 모터를 보호하기에 적합한 구조.



< 모터 마주보기 >

공조기의 설치상 공간에 제한을 받을경우 적용이 용이합니다.

모터를 팬과 마주 보도록 하여 설치공간이 협소한 장소에 효과적입니다.

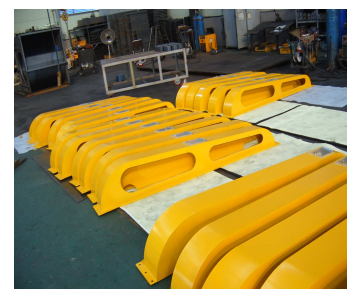
다양한 Accessory



Inlet Volume Control
& Isolator Base



Direct Drive
W / Inverter Control



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 BFD-0450 (# 3 DS)의 성능 곡선의 표시방법에 대한 설명입니다.

※ 풍량 : 178 CMM, 정압 : 110 mmAq

1. (흑색) - 제품의 2,200 RPM 회전시의 시스템 커브를 나타냅니다.

2. (청색) - 제품의 2,200 RPM 회전시 축동력을 나타냅니다.

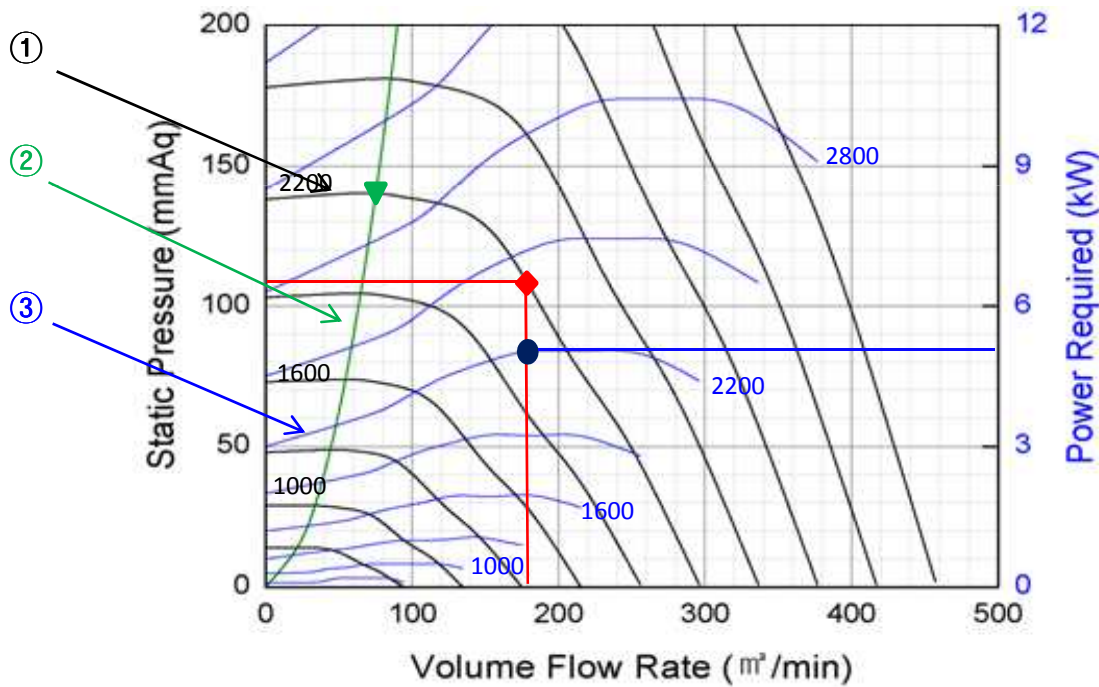
시스템 커브를 기준으로 수평으로 좌측은 정압, 우측은 동력을 나타냅니다.

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

▼ - Peak Point

◆ - Q,Ps

● - Power



< 그림 - 1 >

2200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	209	87	80	5.0	54.0	58.9	99
	178	115	110	5.1	62.6	65.6	98
	151	135	131	4.8	66.8	68.7	98
	120	140	137	4.5	59.7	60.7	98
	88	141	139	3.9	51.4	51.9	98

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)

BFD-0315 (# 2 DS)



Belt-driven, Duple-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.

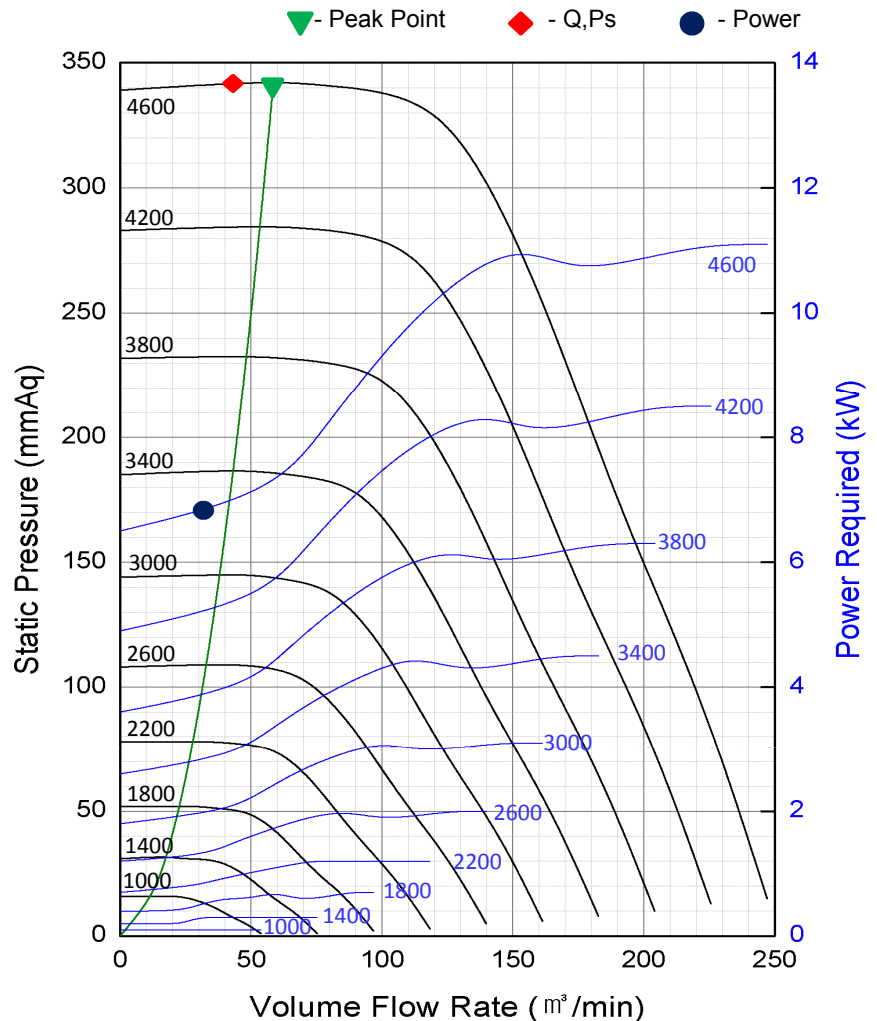
System range.(Maximum REV./Min)

Class-I = 4,198 RPM

Class-II = 4,983 RPM

Impeller Diameter : 336 mm.

Outlet Area. : 0.176 m²



1400 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	52	23	21	0.31	59.0	63.1	82
	46	27	26	0.32	62.3	65.1	81
	38	32	31	0.31	63.9	65.5	81
	30	32	32	0.28	58.6	59.5	81
	23	32	32	0.24	52.7	53.2	81

1800 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	67	38	35	0.66	59.0	63.1	88
	59	45	43	0.68	62.3	65.1	88
	49	52	51	0.65	63.9	65.5	88
	39	53	52	0.58	58.6	59.5	88
	30	53	53	0.50	52.7	53.2	88

2200 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	82	56	52	1.20	59.0	63.1	93
	72	68	65	1.23	62.3	65.1	93
	60	78	76	1.17	63.9	65.5	93
	48	80	78	1.05	58.6	59.5	93
	37	80	79	0.90	52.7	53.2	93

2600 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	97	78	73	1.99	59.0	63.1	98
	85	95	91	2.05	62.3	65.1	97
	71	109	106	1.96	63.9	65.5	97
	57	111	109	1.75	58.6	59.5	97
	43	111	110	1.51	52.7	53.2	97

3000 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	112	104	97	3.05	59.0	63.1	102
	98	126	121	3.14	62.3	65.1	101
	82	145	141	3.00	63.9	65.5	101
	65	148	146	2.69	58.6	59.5	101
	50	148	147	2.31	52.7	53.2	101

3400 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	126	134	125	4.44	59.0	63.1	105
	111	162	155	4.58	62.3	65.1	104
	93	186	181	4.36	63.9	65.5	104
	74	190	187	3.91	58.6	59.5	104
	57	191	189	3.37	52.7	53.2	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.

BFD-0355 (# 2 1/2 DS)

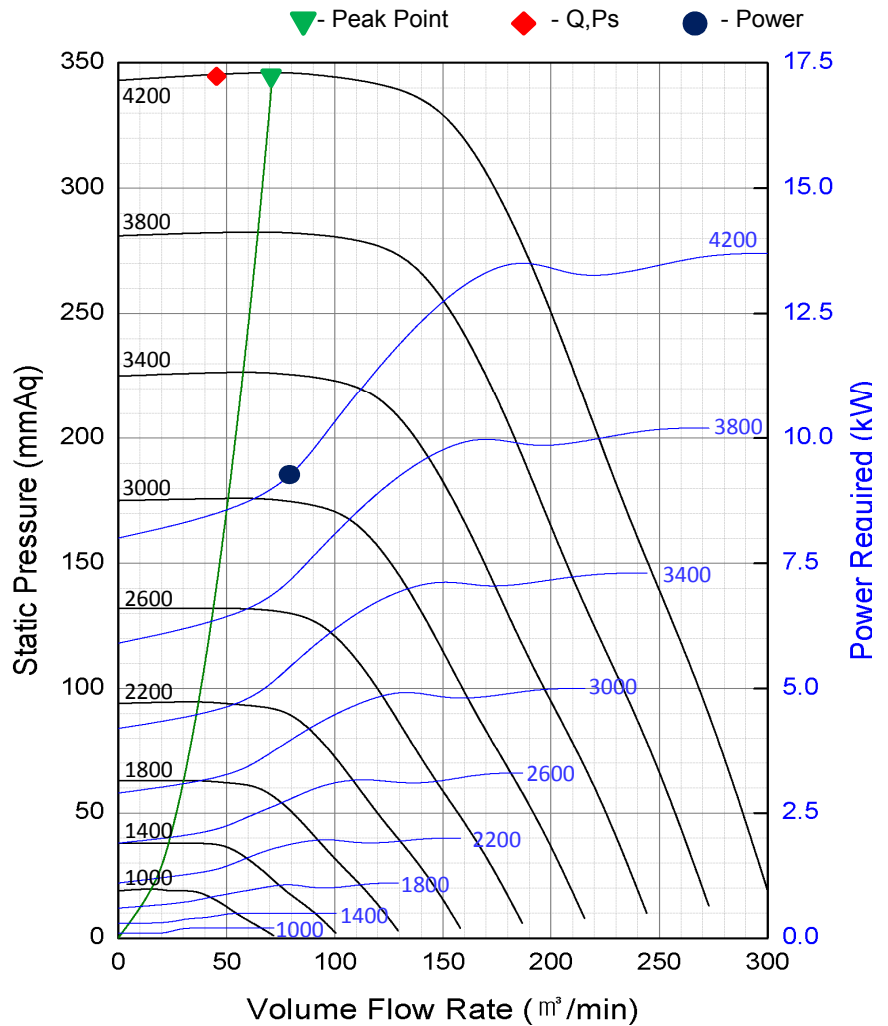


Belt-driven, Duple-Inlet
Airfoil Blade



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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 = 3,461 RPM

Class-II = 4,520 RPM

Impeller Diameter : 370 mm.

Outlet Area. : 0.215 m²

1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	70	28	26	0.51	59.0	63.2	85
	61	33	32	0.52	62.3	65.1	84
	51	38	37	0.50	63.9	65.5	84
	41	39	39	0.45	58.6	59.5	84
1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	90	46	43	1.08	59.0	63.2	91
	79	55	53	1.11	62.3	65.1	91
	66	63	62	1.06	63.9	65.5	91
	52	65	64	0.95	58.6	59.5	90
2200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	109	68	64	1.96	59.0	63.2	96
	96	82	79	2.02	62.3	65.1	96
	80	95	92	1.92	63.9	65.5	96
	64	97	95	1.72	58.6	59.5	96
2600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	129	95	89	3.23	59.0	63.2	101
	114	115	110	3.33	62.3	65.1	100
	95	132	129	3.17	63.9	65.5	100
	76	135	133	2.84	58.6	59.5	100
3000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	149	127	118	4.97	59.0	63.2	105
	132	153	146	5.12	62.3	65.1	104
	109	176	172	4.87	63.9	65.5	104
	87	180	177	4.37	58.6	59.5	104
3400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	169	163	152	7.22	59.0	63.2	108
	149	196	188	7.45	62.3	65.1	107
	124	226	220	7.09	63.9	65.5	107
	99	231	227	6.36	58.6	59.5	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.

BFD-0400 (# 2 3/4 DS)



Belt-driven, Duple-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.

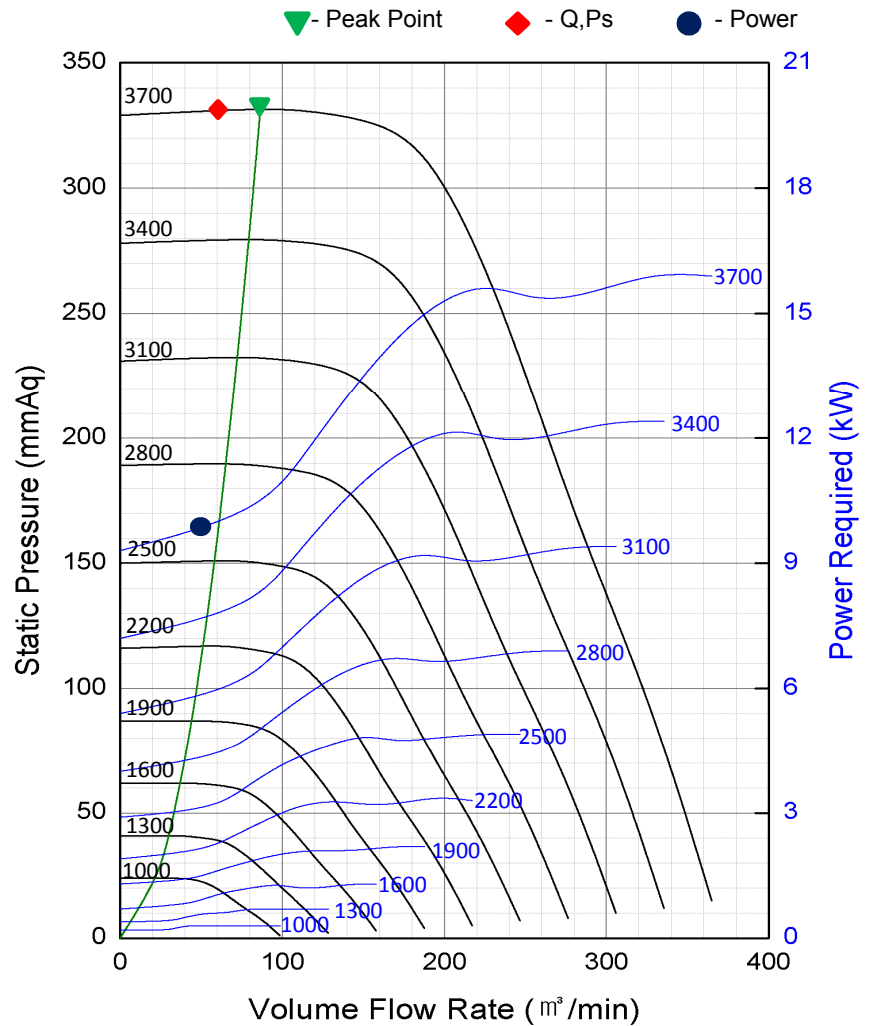
System range.(Maximum REV./Min)

Class-I = 3,350 RPM

Class-II = 4,067 RPM

Impeller Diameter : 411 mm.

Outlet Area. : 0.262 m²



1300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	89	29	27	0.69	59.0	63.2	86
	78	35	34	0.71	62.3	65.1	85
	65	41	40	0.68	63.9	65.5	85
	52	42	41	0.61	58.6	59.5	85
1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	109	44	42	1.28	59.0	63.2	91
	96	54	51	1.32	62.3	65.1	91
	80	62	60	1.25	63.9	65.5	91
	64	63	62	1.12	58.6	59.5	91
1900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	130	63	59	2.13	59.0	63.2	96
	114	76	72	2.2	62.3	65.1	95
	95	87	85	2.1	63.9	65.5	95
	76	89	88	1.89	58.6	59.5	95
2200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	150	84	79	3.31	59.0	63.2	99
	132	101	97	3.41	62.3	65.1	99
	110	117	114	3.25	63.9	65.5	99
	88	119	117	2.91	58.6	59.5	99
2500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	171	109	101	4.86	59.0	63.2	103
	150	131	125	5.02	62.3	65.1	102
	125	151	147	4.77	63.9	65.5	102
	100	154	152	4.28	58.6	59.5	102
2800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	191	136	127	6.83	59.0	63.2	106
	168	164	157	7.04	62.3	65.1	105
	140	189	184	6.71	63.9	65.5	105
	112	193	190	6.01	58.6	59.5	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.

BFD-0450 (# 3 DS)

Belt-driven, Duple-Inlet
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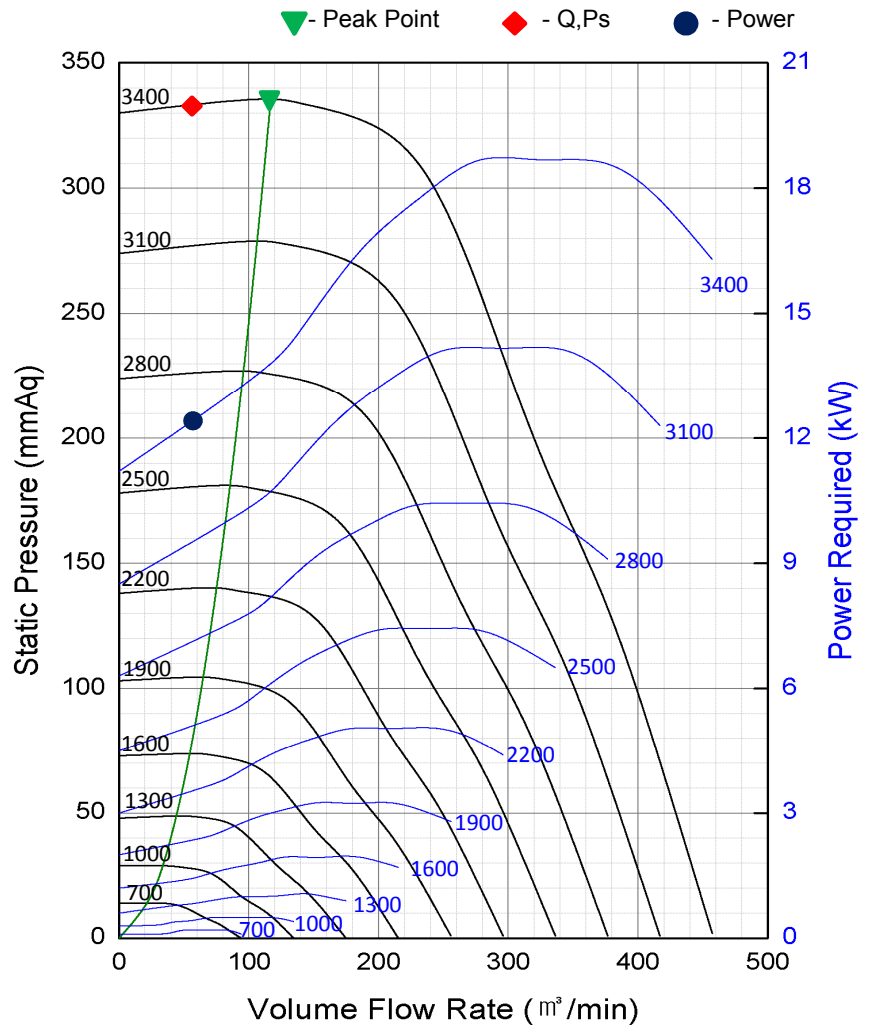
System range.(Maximum REV./Min)

Class-I = 2,904 RPM

Class-II = 3,540 RPM

Impeller Diameter : 452 mm.

Outlet Area. : 0.319 m²



1300 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	123	30	28	1.04	54.0	58.9	85
	105	40	38	1.05	62.6	65.6	84
	89	47	46	1.00	66.8	68.7	83
	71	49	48	0.93	59.7	60.7	83
	52	49	49	0.80	51.4	51.9	83

1600 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	152	46	42	1.94	54.0	58.9	91
	129	61	58	1.96	62.6	65.6	90
	109	71	69	1.85	66.8	68.7	89
	87	74	72	1.73	59.7	60.7	89
	64	74	74	1.50	51.4	51.9	89

1900 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	180	65	59	3.24	54.0	58.9	96
	154	86	82	3.28	62.6	65.6	95
	130	100	97	3.10	66.8	68.7	94
	104	104	102	2.90	59.7	60.7	94
	76	105	104	2.50	51.4	51.9	94

2200 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	209	87	80	5.03	54.0	58.9	99
	178	115	110	5.09	62.6	65.6	98
	151	135	131	4.81	66.8	68.7	98
	120	140	137	4.50	59.7	60.7	98
	88	141	139	3.88	51.4	51.9	98

2500 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	237	112	103	7.38	54.0	58.9	103
	202	149	142	7.47	62.6	65.6	102
	171	174	169	7.08	66.8	68.7	101
	137	180	177	6.61	59.7	60.7	101
	100	182	180	5.70	51.4	51.9	101

2800 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	266	141	129	10.4	54.0	58.9	106
	227	187	178	10.5	62.6	65.6	105
	192	218	212	9.95	66.8	68.7	104
	153	227	223	9.30	59.7	60.7	104
	112	228	226	8.02	51.4	51.9	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.

BFD-0500 (# 3 1/2 DS)



Belt-driven, Duple-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.

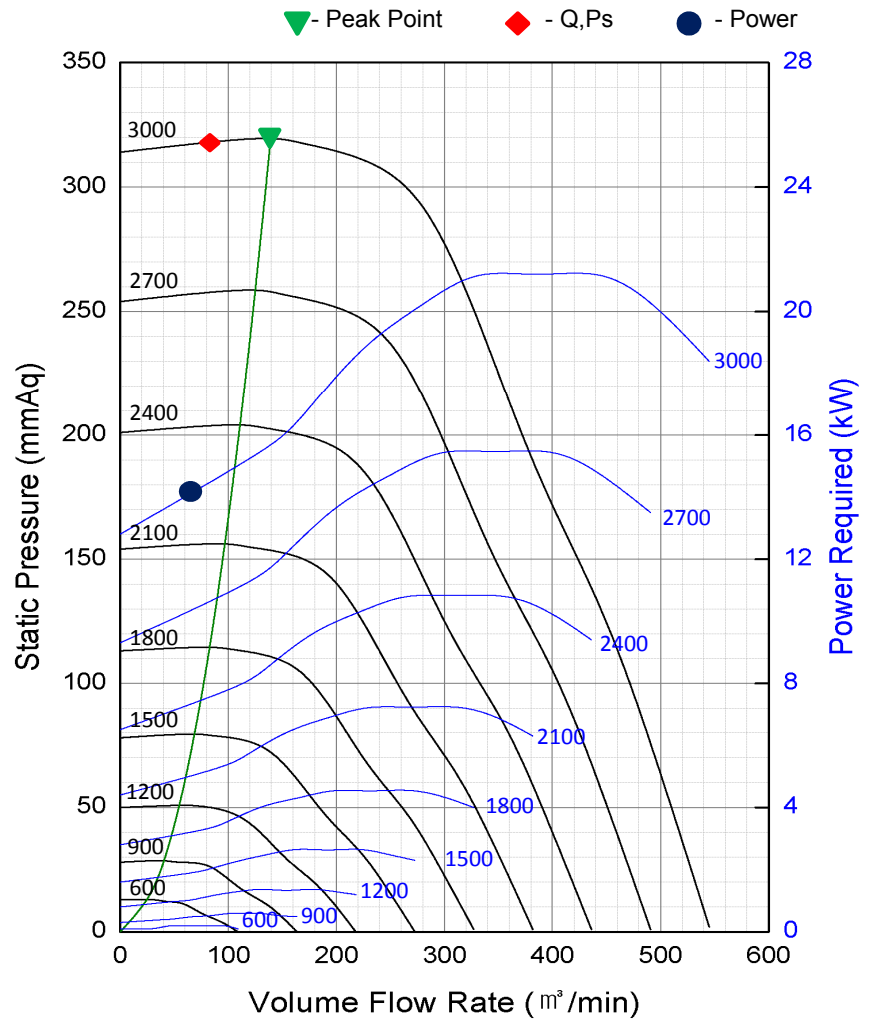
System range.(Maximum REV./Min)

Class-I = 2,721 RPM

Class-II = 3,170 RPM

Impeller Diameter : 500 mm.

Outlet Area. : 0.387 m²



900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	115	18	16	0.57	54.0	58.9	78
	98	23	22	0.59	62.6	65.6	77
	83	27	27	0.56	66.8	68.7	76
	66	28	28	0.51	59.7	60.7	76
	48	29	28	0.45	51.4	51.9	76

1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	154	32	29	1.35	54.0	58.9	86
	131	42	40	1.37	62.6	65.6	85
	111	49	47	1.30	66.8	68.7	84
	88	51	50	1.21	59.7	60.7	84
	65	51	51	1.05	51.4	51.9	84

1500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	192	49	45	2.64	54.0	58.9	92
	164	65	62	2.67	62.6	65.6	91
	139	76	74	2.53	66.8	68.7	90
	110	79	78	2.36	59.7	60.7	90
	81	80	79	2.04	51.4	51.9	90

1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	230	71	65	4.56	54.0	58.9	98
	197	94	90	4.61	62.6	65.6	96
	166	110	107	4.36	66.8	68.7	96
	133	114	112	4.08	59.7	60.7	96
	97	115	114	3.52	51.4	51.9	96

2100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	269	97	89	7.23	54.0	58.9	101
	230	128	122	7.32	62.6	65.6	100
	194	150	146	6.92	66.8	68.7	100
	155	156	153	6.47	59.7	60.7	99
	113	157	155	5.59	51.4	51.9	99

2400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	308	127	116	10.8	54.0	58.9	105
	263	168	160	10.9	62.6	65.6	104
	222	196	191	10.3	66.8	68.7	103
	177	203	200	9.66	59.7	60.7	103
	130	205	203	8.34	51.4	51.9	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.

BFD-0560 (# 3 3/4 DS)



Belt-driven, Duple-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.

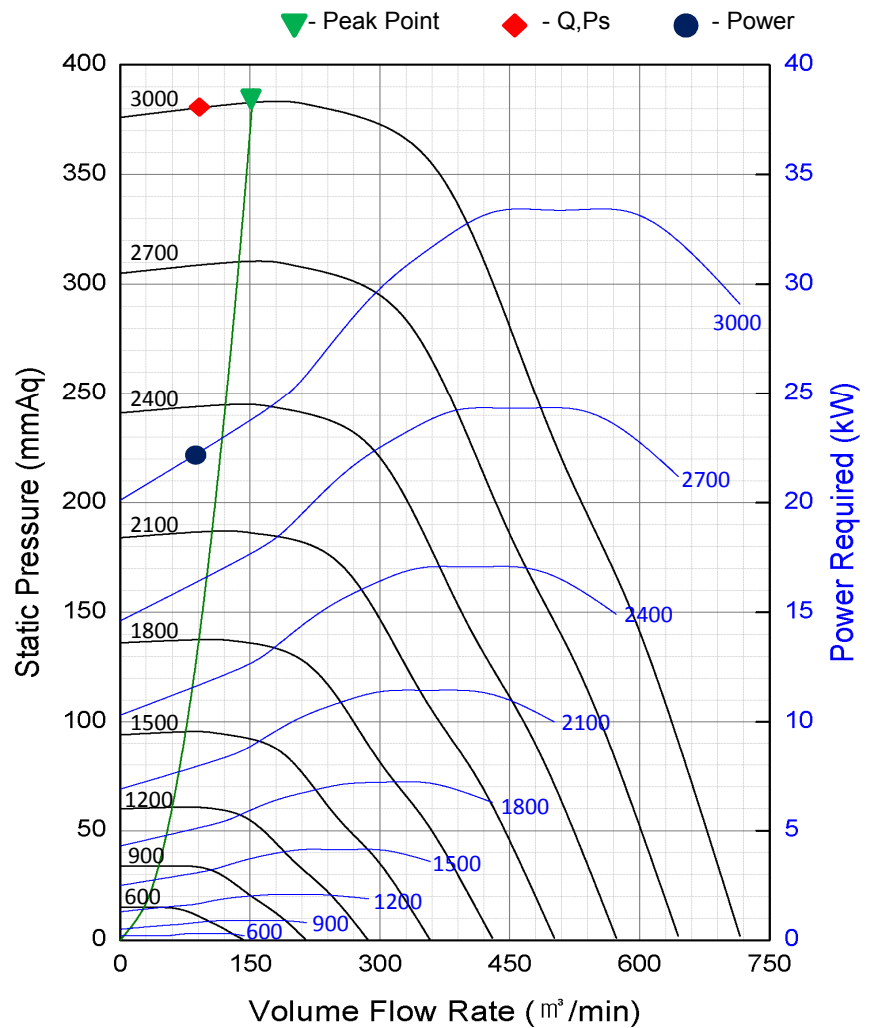
System range.(Maximum REV./Min)

Class-I = 2,436 RPM

Class-II = 2,995 RPM

Impeller Diameter : 548 mm.

Outlet Area. : 0.473 m²



900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	151	21	20	0.90	54.0	58.9	81
	129	28	27	0.91	62.6	65.6	80
	109	33	32	0.86	66.8	68.7	79
	87	34	34	0.80	59.7	60.7	79
	64	34	34	0.69	51.4	51.9	79
1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	202	38	35	2.14	54.0	58.9	89
	172	50	48	2.16	62.6	65.6	87
	146	59	57	2.05	66.8	68.7	87
	116	61	60	1.91	59.7	60.7	87
	85	61	61	1.65	51.4	51.9	87
1500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	252	59	54	4.17	54.0	58.9	95
	215	78	75	4.22	62.6	65.6	94
	182	92	89	3.99	66.8	68.7	93
	145	95	93	3.74	59.7	60.7	93
	106	96	95	3.23	51.4	51.9	93
1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	303	85	78	7.21	54.0	58.9	99
	258	113	108	7.30	62.6	65.6	98
	219	132	128	6.90	66.8	68.7	98
	174	137	135	6.46	59.7	60.7	98
	128	138	137	5.58	51.4	51.9	98
2100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	354	116	107	11.5	54.0	58.9	104
	302	154	147	11.6	62.6	65.6	103
	256	180	175	11.0	66.8	68.7	102
	204	187	184	10.3	59.7	60.7	102
	149	188	186	8.84	51.4	51.9	102
2400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	405	152	139	17.1	54.0	58.9	108
	345	201	192	17.3	62.6	65.6	106
	293	235	229	16.4	66.8	68.7	106
	233	244	240	15.3	59.7	60.7	106
	170	246	244	13.2	51.4	51.9	106

※ 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.

BFD-0630 (# 4 DS)



Belt-driven, Duple-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.

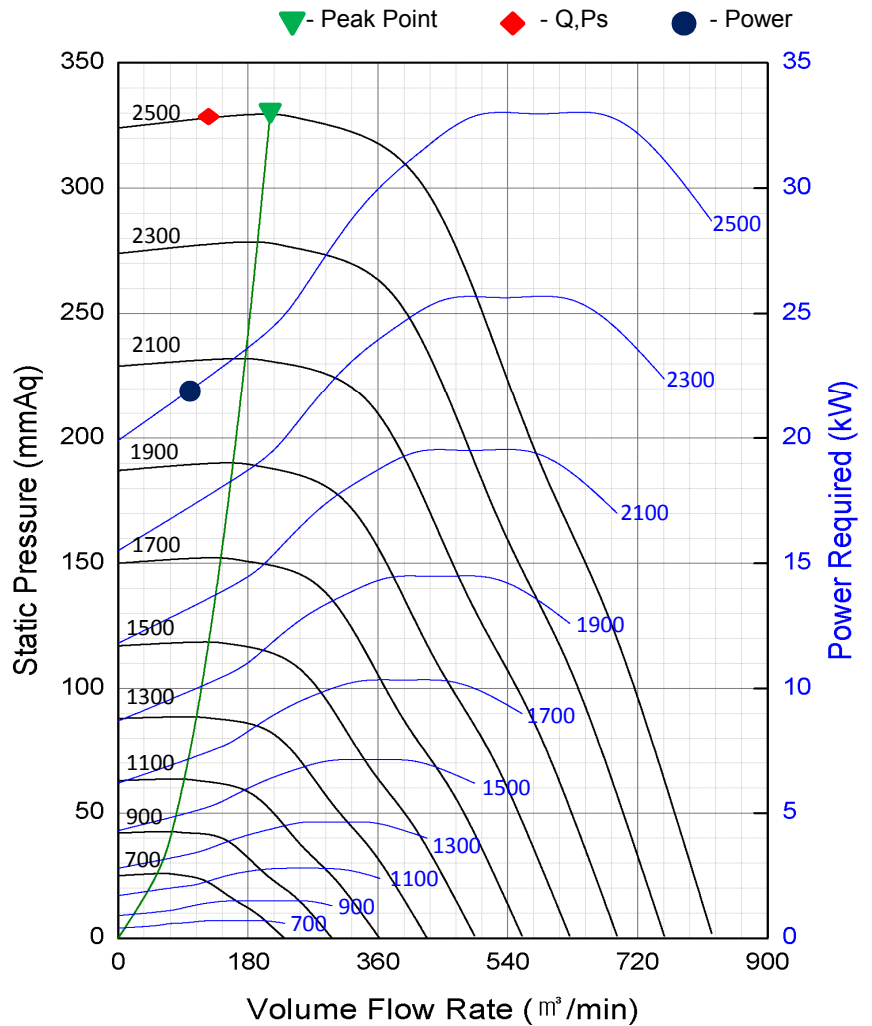
System range.(Maximum REV./Min)

Class-I = 2,150 RPM

Class-II = 2,250 RPM

Impeller Diameter : 610 mm.

Outlet Area. : 0.577 m²



900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	209	26	24	1.54	54.0	58.9	84
	178	35	33	1.56	62.6	65.6	83
	150	41	40	1.48	66.8	68.7	82
	120	42	42	1.38	59.7	60.7	82
	88	43	42	1.19	51.4	51.9	82

1100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	255	39	36	2.81	54.0	58.9	90
	217	52	50	2.85	62.6	65.6	88
	184	61	59	2.69	66.8	68.7	88
	147	63	62	2.52	59.7	60.7	87
	107	64	63	2.17	51.4	51.9	87

1300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	301	55	51	4.64	54.0	58.9	94
	257	73	70	4.70	62.6	65.6	93
	218	85	83	4.44	66.8	68.7	92
	173	88	87	4.16	59.7	60.7	92
	127	89	88	3.58	51.4	51.9	92

1500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	348	73	67	7.13	54.0	58.9	98
	297	97	93	7.21	62.6	65.6	97
	251	113	110	6.82	66.8	68.7	96
	200	118	116	6.38	59.7	60.7	96
	146	119	118	5.50	51.4	51.9	96

1700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	395	94	86	10.4	54.0	58.9	102
	337	125	119	10.5	62.6	65.6	101
	285	146	142	9.92	66.8	68.7	100
	227	151	149	9.28	59.7	60.7	100
	166	153	151	8.01	51.4	51.9	100

1900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	441	118	108	14.5	54.0	58.9	105
	376	156	149	14.7	62.6	65.6	104
	319	182	177	13.9	66.8	68.7	103
	254	189	186	13.0	59.7	60.7	103
	186	191	189	11.2	51.4	51.9	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.

BFD-0680 (# 4 1/2 DS)



Belt-driven, Duple-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.

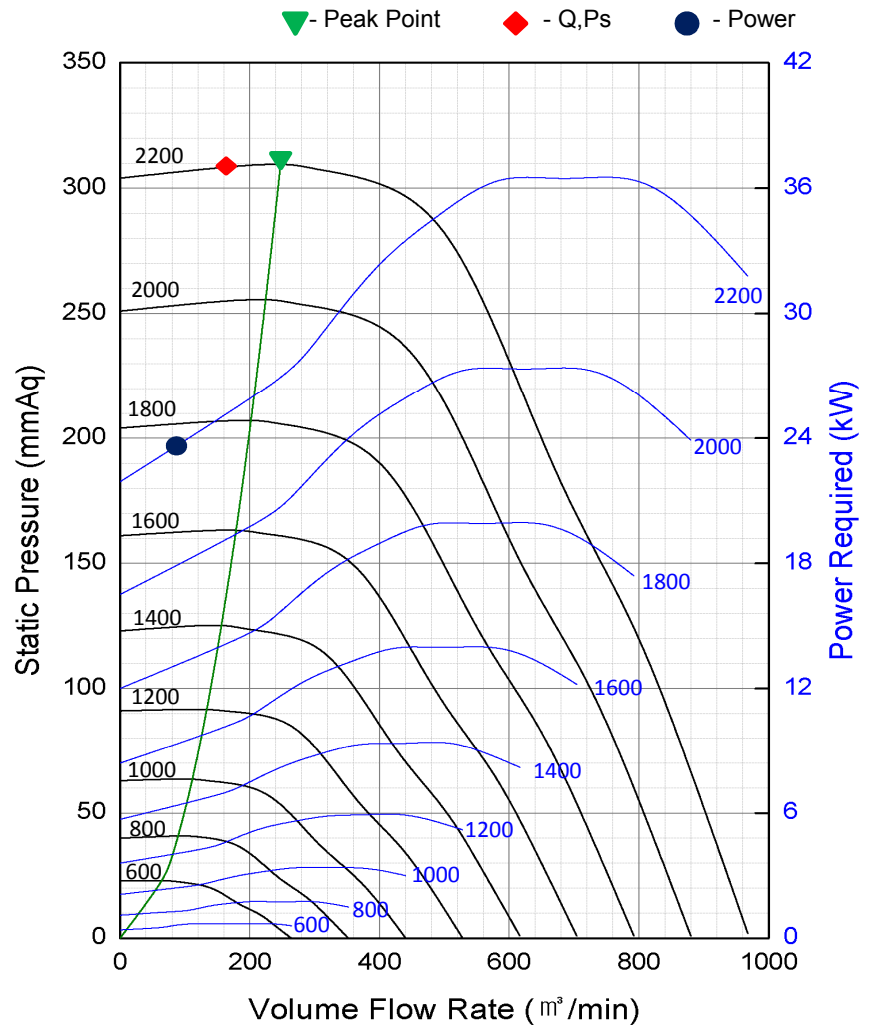
System range.(Maximum REV./Min)

Class-I = 1,800 RPM

Class-II = 2,270 RPM

Impeller Diameter : 672 mm.

Outlet Area. : 0.7 m²



800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	248	25	23	1.74	54.0	58.9	84
	211	33	32	1.76	62.6	65.6	82
	179	39	38	1.67	66.8	68.7	82
	142	41	40	1.56	59.7	60.7	82
	104	41	41	1.35	51.4	51.9	82
1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	310	40	36	3.43	54.0	58.9	90
	264	52	50	3.47	62.6	65.6	89
	224	61	59	3.28	66.8	68.7	88
	178	63	62	3.07	59.7	60.7	88
	130	64	63	2.65	51.4	51.9	88
1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	372	57	52	5.92	54.0	58.9	95
	317	75	72	5.99	62.6	65.6	94
	268	88	86	5.66	66.8	68.7	93
	214	91	90	5.30	59.7	60.7	93
	157	92	91	4.57	51.4	51.9	93
1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	434	78	71	9.40	54.0	58.9	99
	370	103	98	9.51	62.6	65.6	98
	313	120	117	8.99	66.8	68.7	97
	250	125	122	8.41	59.7	60.7	97
	183	125	124	7.26	51.4	51.9	97
1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	496	101	93	14.1	54.0	58.9	103
	423	134	128	14.2	62.6	65.6	102
	359	157	153	13.5	66.8	68.7	101
	286	163	160	12.6	59.7	60.7	101
	209	164	162	10.9	51.4	51.9	101
1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	559	128	118	20.0	54.0	58.9	106
	477	170	162	20.3	62.6	65.6	105
	404	199	193	19.1	66.8	68.7	105
	322	206	203	17.9	59.7	60.7	105
	235	208	206	15.5	51.4	51.9	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.

BFD-0710 (# 5 DS)



Belt-driven, Duple-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.

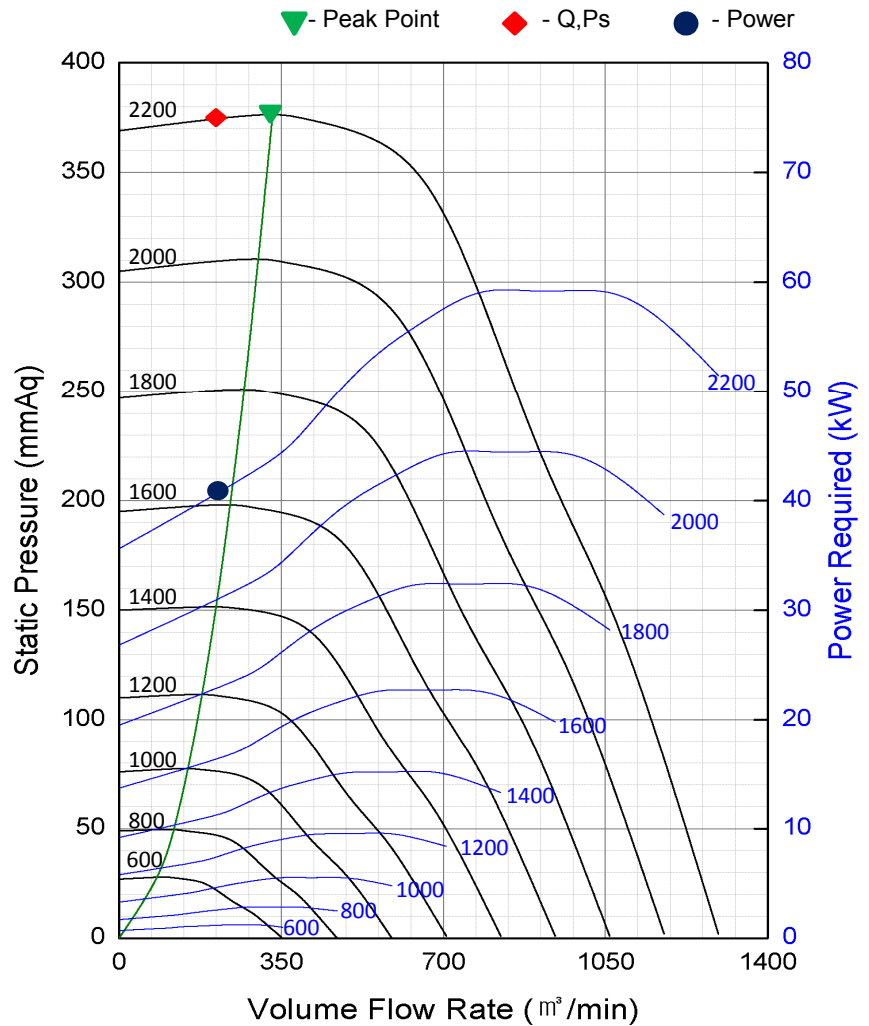
System range.(Maximum REV./Min)

Class-I = 1,641 RPM

Class-II = 2,107 RPM

Impeller Diameter : 740 mm.

Outlet Area. : 0.862 m²



800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	331	31	28	2.84	54.0	58.9	87
	282	41	39	2.88	62.6	65.6	85
	239	47	46	2.72	66.8	68.7	85
	190	49	48	2.54	59.7	60.7	85
1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	414	48	44	5.55	54.0	58.9	93
	353	63	61	5.62	62.6	65.6	92
	299	74	72	5.31	66.8	68.7	91
	238	77	76	4.97	59.7	60.7	91
1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	497	69	63	9.58	54.0	58.9	98
	424	92	87	9.70	62.6	65.6	97
	359	107	104	9.17	66.8	68.7	96
	286	111	109	8.58	59.7	60.7	96
1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	581	94	86	15.3	54.0	58.9	102
	495	125	119	15.4	62.6	65.6	101
	419	146	142	14.6	66.8	68.7	100
	334	151	149	13.7	59.7	60.7	100
1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	664	123	113	22.8	54.0	58.9	106
	567	163	156	23.0	62.6	65.6	105
	480	191	185	21.8	66.8	68.7	104
	382	198	194	20.4	59.7	60.7	104
1800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	748	156	143	32.4	54.0	58.9	109
	638	207	197	32.8	62.6	65.6	108
	541	242	235	31.0	66.8	68.7	108
	431	251	246	29.0	59.7	60.7	108

※ 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.

BFD-0800 (# 5 1/2 DS)



Belt-driven, Duple-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.

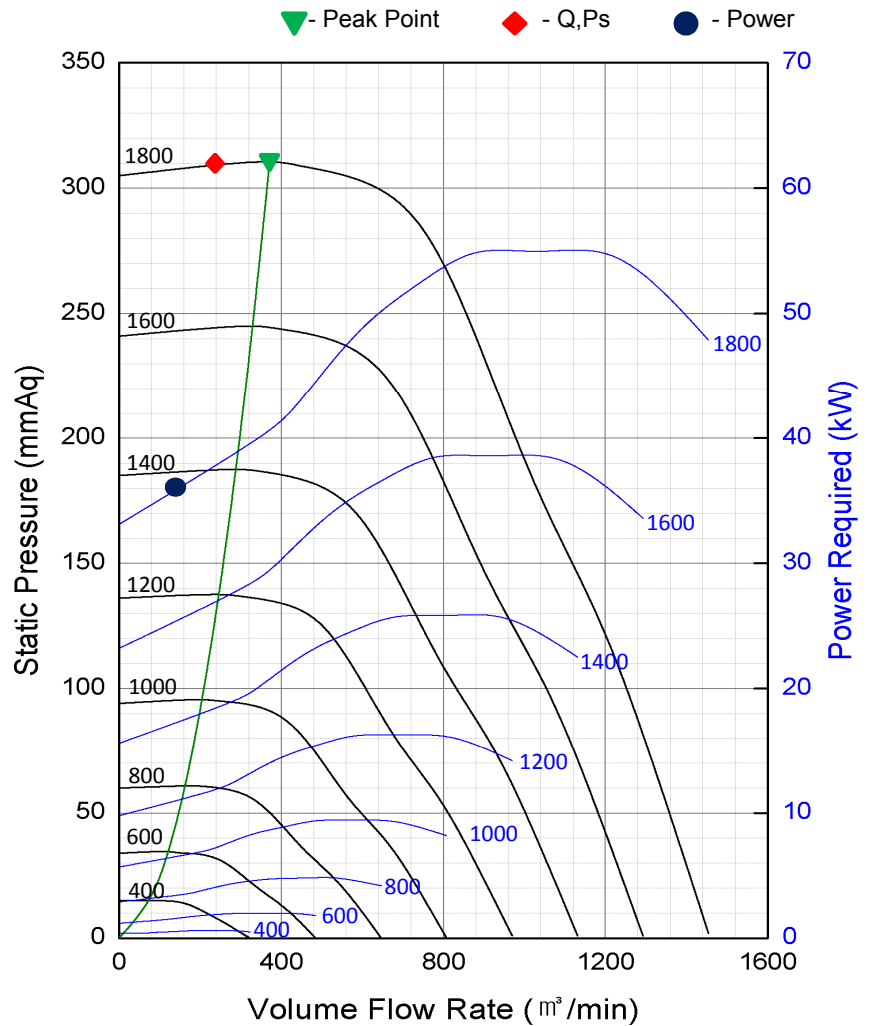
System range.(Maximum REV./Min)

Class-I = 1,555 RPM

Class-II = 1,846 RPM

Impeller Diameter : 822 mm.

Outlet Area. : 1.048 m²



600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	341	21	20	2.03	54.0	58.9	81
	291	28	27	2.05	62.6	65.6	80
	246	33	32	1.94	66.8	68.7	79
	196	34	34	1.82	59.7	60.7	79
	144	34	34	1.57	51.4	51.9	79

800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	455	38	35	4.81	54.0	58.9	90
	388	50	48	4.86	62.6	65.6	89
	328	59	57	4.60	66.8	68.7	88
	262	61	60	4.30	59.7	60.7	88
	191	61	61	3.71	51.4	51.9	88

1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	569	59	54	9.38	54.0	58.9	96
	485	78	75	9.50	62.6	65.6	95
	411	92	89	8.97	66.8	68.7	94
	327	95	94	8.39	59.7	60.7	94
	240	96	95	7.24	51.4	51.9	94

1200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	683	85	78	16.3	54.0	58.9	101
	583	113	108	16.4	62.6	65.6	100
	494	132	129	15.5	66.8	68.7	99
	393	137	135	14.5	59.7	60.7	99
	288	138	137	12.6	51.4	51.9	99

1400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	798	116	107	25.8	54.0	58.9	105
	681	154	147	26.1	62.6	65.6	104
	577	180	175	24.7	66.8	68.7	103
	459	187	184	23.1	59.7	60.7	103
	336	188	187	19.9	51.4	51.9	103

1600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	913	152	140	38.5	54.0	58.9	109
	779	202	192	39.0	62.6	65.6	108
	660	236	229	36.8	66.8	68.7	107
	526	245	241	34.5	59.7	60.7	107
	384	246	244	29.7	51.4	51.9	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.

BFD-0900 (# 6 DS)



Belt-driven, Duple-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.



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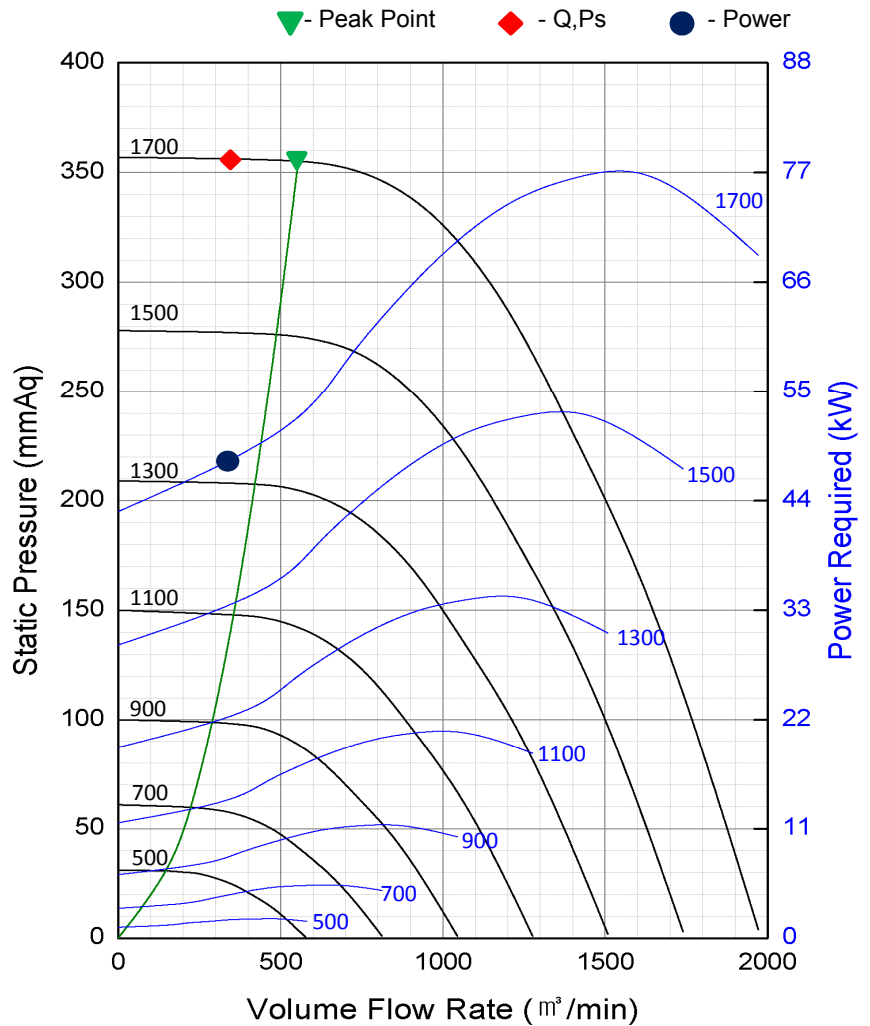
System range.(Maximum REV./Min)

Class-I = 1,335 RPM

Class-II = 1,765 RPM

Impeller Diameter : 903 mm.

Outlet Area. : 1.281 m²



700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	574	42	39	5.32	68.4	74.4	85
	492	51	49	5.16	75.9	79.8	84
	405	57	55	4.78	76.9	79.3	83
	334	59	58	4.36	73.2	74.7	83
	282	60	59	4.01	68.2	69.2	83

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	739	70	64	11.4	68.4	74.4	92
	633	85	81	11.0	75.9	79.8	91
	522	95	92	10.2	76.9	79.3	90
	431	98	97	9.26	73.2	74.7	90
	363	100	98	8.53	68.2	69.2	90

1100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	904	104	96	20.7	68.4	74.4	97
	775	127	121	20.1	75.9	79.8	96
	639	141	137	18.6	76.9	79.3	95
	527	147	144	17.0	73.2	74.7	95
	444	149	147	15.6	68.2	69.2	95

1300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	1070	146	134	34.2	68.4	74.4	102
	917	177	169	33.2	75.9	79.8	101
	756	198	192	30.7	76.9	79.3	100
	624	206	202	28.0	73.2	74.7	100
	526	208	206	25.8	68.2	69.2	100

1500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	1237	194	179	52.6	68.4	74.4	106
	1060	237	225	51.0	75.9	79.8	105
	874	264	256	47.2	76.9	79.3	104
	721	275	270	43.1	73.2	74.7	104
	608	278	274	39.7	68.2	69.2	104

1700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	1404	250	230	76.6	68.4	74.4	109
	1204	304	290	74.4	75.9	79.8	108
	993	340	330	68.9	76.9	79.3	108
	819	354	347	62.8	73.2	74.7	107
	691	358	353	57.9	68.2	69.2	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.

BFD-1000 (# 7 DS)



Belt-driven, Duple-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.

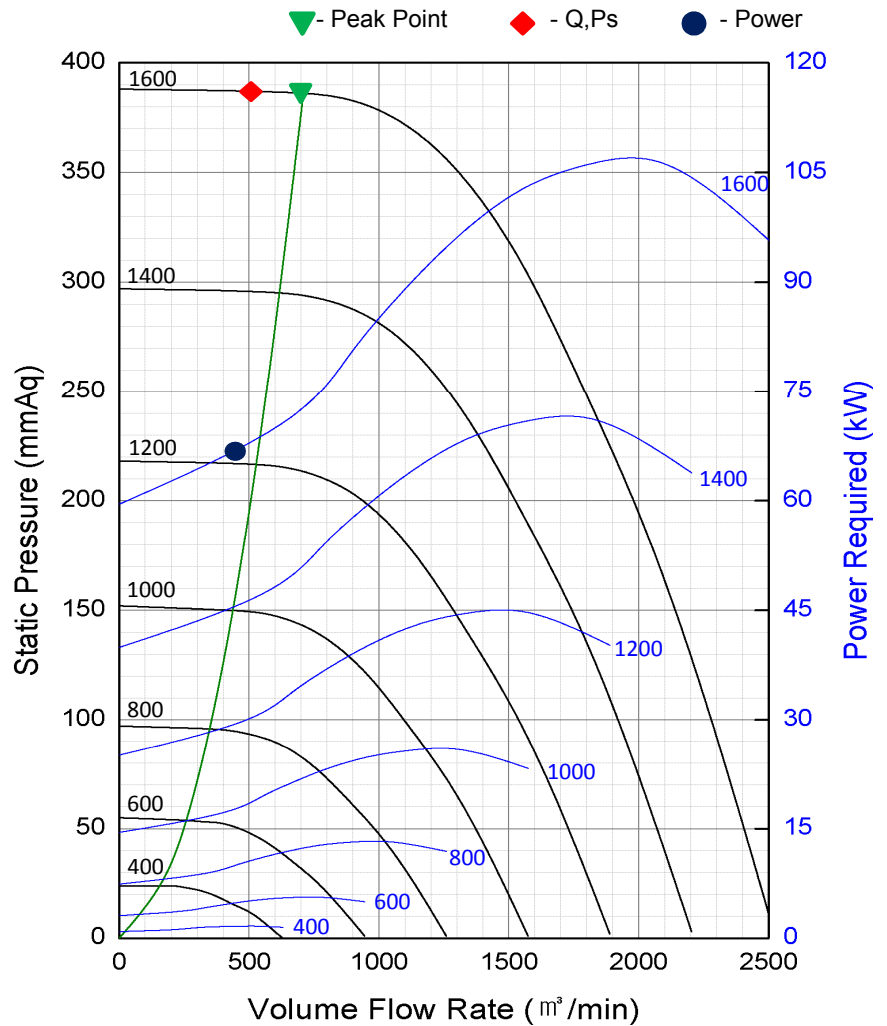
System range.(Maximum REV./Min)

Class-I = 1,216 RPM

Class-II = 1,589 RPM

Impeller Diameter : 1,000 mm.

Outlet Area. : 1.559 m²



600 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	668	38	35	5.58	68.4	74.4	79
	572	46	44	5.42	75.9	79.8	78
	471	51	50	5.01	76.9	79.3	77
	389	54	53	4.57	73.2	74.7	77
	328	54	53	4.21	68.2	69.2	77

800 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow (kW)	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	891	68	62	13.3	68.4	74.4	88
	764	82	78	12.9	75.9	79.8	86
	629	92	89	11.9	76.9	79.3	86
	519	95	93	10.9	73.2	74.7	85
	438	96	95	9.97	68.2	69.2	85

1000 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	1116	106	97	25.9	68.4	74.4	97
	956	128	122	25.1	75.9	79.8	96
	788	143	139	23.2	76.9	79.3	95
	650	149	146	21.2	73.2	74.7	95
	548	151	149	19.5	68.2	69.2	95

1200 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	1340	152	140	44.7	68.4	74.4	99
	1149	185	176	43.4	75.9	79.8	97
	947	207	201	40.2	76.9	79.3	97
	782	215	211	36.6	73.2	74.7	96
	659	218	215	33.7	68.2	69.2	96

1400 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	1566	208	191	71.1	68.4	74.4	103
	1344	253	240	69.0	75.9	79.8	102
	1108	282	274	63.9	76.9	79.3	101
	914	294	288	58.3	73.2	74.7	100
	770	297	293	53.7	68.2	69.2	101

1600 RPM	Q m³/m	Pt mmAq	Ps mmAq	S.Pow kW	ST. Eff (%)	Total Eff.(%)	Lwi dBA.
	1794	272	250	106.3	68.4	74.4	107
	1539	331	315	103.2	75.9	79.8	105
	1269	369	358	95.6	76.9	79.3	105
	1047	384	377	87.2	73.2	74.7	104
	883	389	384	80.3	68.2	69.2	106

※ 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.

BFD-1120 (# 8 DS)



Belt-driven, Duple-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.

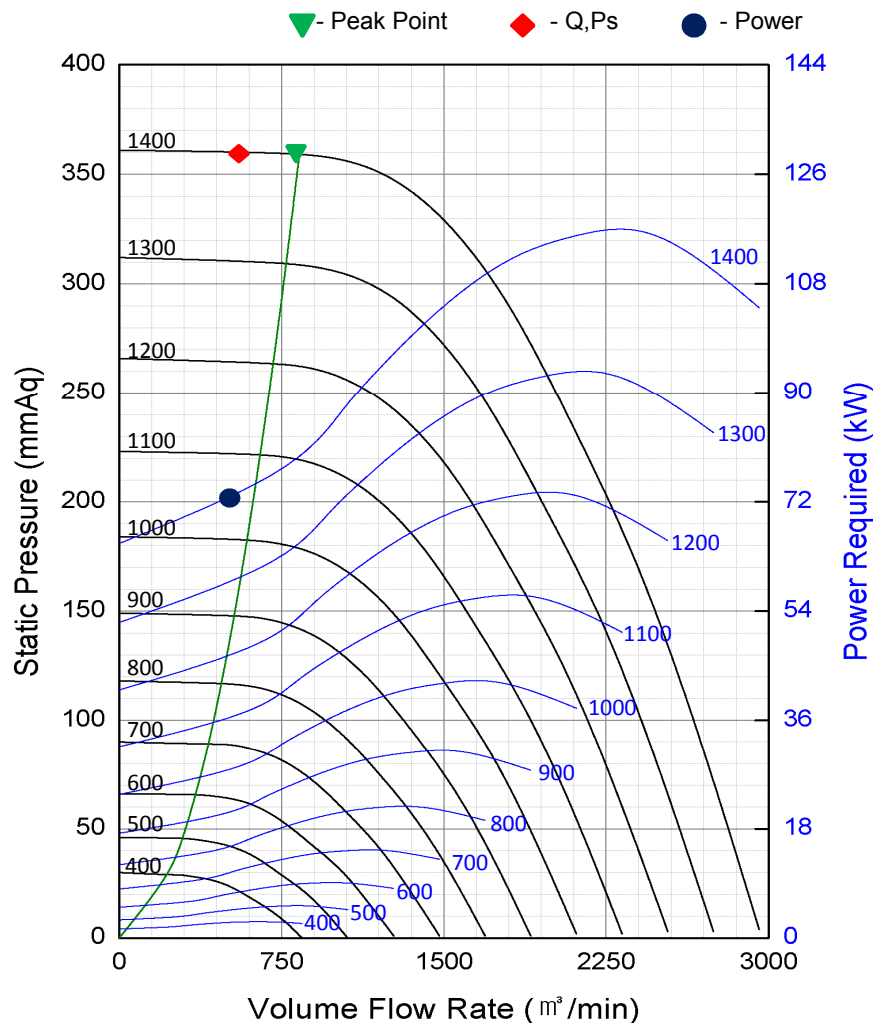
System range.(Maximum REV./Min)

Class-I = 1,074 RPM

Class-II = 1,378 RPM

Impeller Diameter : 1,103 mm.

Outlet Area. : 1.903 m²



600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	897	46	42	9.11	68.4	74.4	87
	768	56	53	8.84	75.9	79.8	85
	633	63	61	8.18	76.9	79.3	85
	522	65	64	7.46	73.2	74.7	84
	440	66	65	6.87	68.2	69.2	84

700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1047	63	58	14.5	68.4	74.4	91
	897	76	73	14.1	75.9	79.8	90
	739	85	83	13.0	76.9	79.3	89
	609	89	87	11.9	73.2	74.7	89
	514	90	89	11.0	68.2	69.2	89

800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1197	82	76	21.6	68.4	74.4	95
	1025	100	95	21.0	75.9	79.8	94
	845	111	108	19.4	76.9	79.3	93
	697	116	114	17.7	73.2	74.7	93
	588	117	116	16.3	68.2	69.2	92

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1347	104	96	30.8	68.4	74.4	98
	1155	127	120	29.9	75.9	79.8	97
	952	141	137	27.6	76.9	79.3	97
	785	147	144	25.2	73.2	74.7	96
	662	149	147	23.2	68.2	69.2	96

1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1498	129	118	42.2	68.4	74.4	101
	1284	156	149	41.0	75.9	79.8	100
	1058	174	169	37.9	76.9	79.3	99
	873	182	178	34.6	73.2	74.7	99
	736	184	181	31.8	68.2	69.2	99

1100 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1649	156	143	56.2	68.4	74.4	103
	1414	189	180	54.6	75.9	79.8	102
	1165	211	205	50.5	76.9	79.3	102
	961	220	216	46.0	73.2	74.7	101
	811	223	220	42.4	68.2	69.2	101

※ 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.

BFD-1250 (# 9 DS)

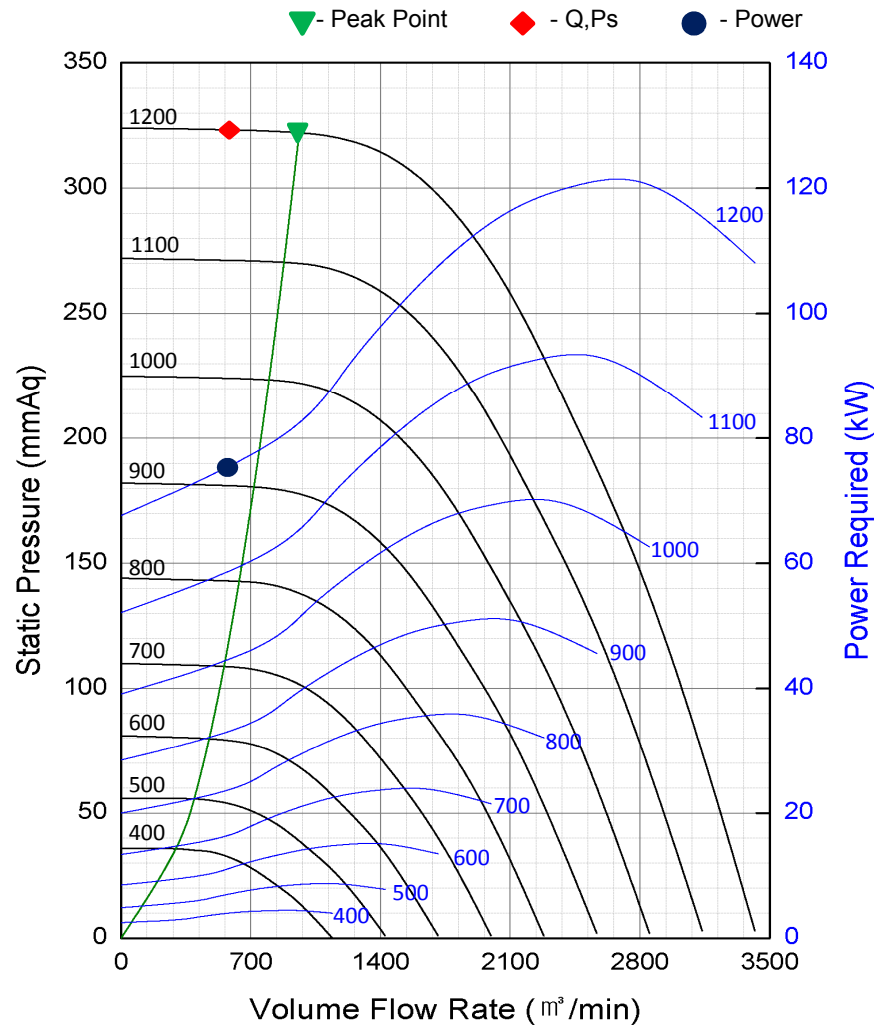


Belt-driven, Duple-Inlet
Airfoil Blade



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 = 1,027 RPM

Class-II = 1,243 RPM

Impeller Diameter : 1,219 mm.

Outlet Area. : 2.317 m²

500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1008	39	36	8.70	68.4	74.4	84
	864	48	45	8.44	75.9	79.8	83
	712	53	51	7.80	76.9	79.3	83
	587	55	54	7.12	73.2	74.7	83
600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1211	56	52	15.1	68.4	74.4	89
	1037	69	65	14.6	75.9	79.8	88
	855	76	74	13.5	76.9	79.3	88
	705	80	78	12.3	73.2	74.7	87
700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1413	77	71	23.9	68.4	74.4	94
	1211	93	89	23.2	75.9	79.8	93
	998	104	101	21.4	76.9	79.3	92
	823	108	106	19.6	73.2	74.7	92
800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1616	100	92	35.7	68.4	74.4	98
	1385	122	116	34.6	75.9	79.8	97
	1142	136	132	32.0	76.9	79.3	96
	942	142	139	29.2	73.2	74.7	96
900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1820	127	117	50.7	68.4	74.4	101
	1560	155	147	49.2	75.9	79.8	100
	1286	173	167	45.5	76.9	79.3	99
	1061	180	176	41.5	73.2	74.7	99
1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2024	157	145	69.6	68.4	74.4	104
	1735	191	182	67.6	75.9	79.8	103
	1430	213	207	62.5	76.9	79.3	102
	1180	222	218	57.0	73.2	74.7	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.

BFD-1400 (# 10 DS)



Belt-driven, Duple-Inlet
Airfoil Blade



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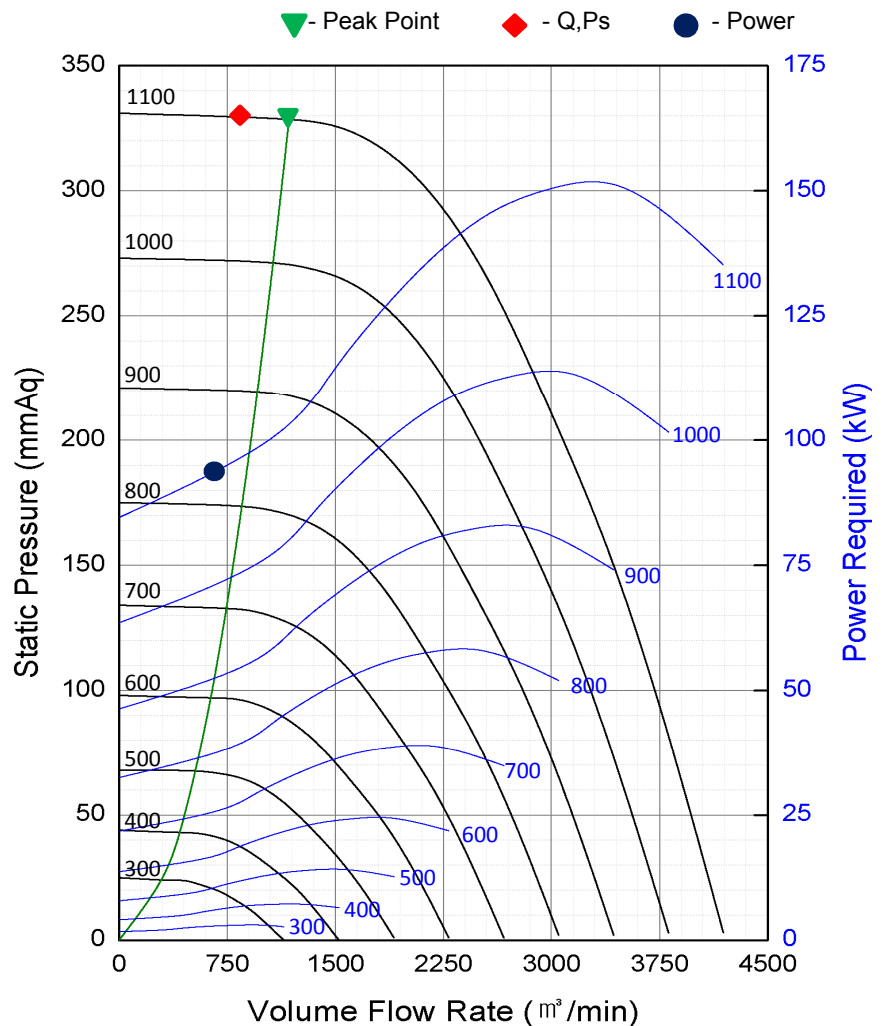
System range.(Maximum REV./Min)

Class-I = 892 RPM

Class-II = 1,148 RPM

Impeller Diameter : 1,343 mm.

Outlet Area. : 2.831 m²



500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1349	48	44	14.2	68.4	74.4	87
	1155	58	55	13.7	75.9	79.8	86
	952	64	63	12.7	76.9	79.3	86
	785	67	66	11.6	73.2	74.7	85
	662	68	67	10.7	68.2	69.2	85

600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1620	69	63	24.4	68.4	74.4	92
	1388	83	79	23.7	75.9	79.8	91
	1143	93	90	21.9	76.9	79.3	91
	943	97	95	20.0	73.2	74.7	90
	795	98	97	18.4	68.2	69.2	90

700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	1891	93	86	38.7	68.4	74.4	97
	1620	113	108	37.5	75.9	79.8	96
	1335	127	123	34.7	76.9	79.3	95
	1102	132	129	31.6	73.2	74.7	95
	929	133	132	29.1	68.2	69.2	95

800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	2163	122	112	57.8	68.4	74.4	101
	1854	148	141	56.1	75.9	79.8	100
	1528	165	161	51.9	76.9	79.3	99
	1260	172	169	47.3	73.2	74.7	99
	1063	174	172	43.6	68.2	69.2	98

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	2435	155	142	82.4	68.4	74.4	104
	2088	188	179	79.9	75.9	79.8	103
	1721	210	203	74.0	76.9	79.3	102
	1420	218	214	67.5	73.2	74.7	102
	1197	221	218	62.1	68.2	69.2	102

1000 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	2709	191	176	113.1	68.4	74.4	107
	2323	232	221	109.8	75.9	79.8	106
	1915	259	252	101.6	76.9	79.3	105
	1580	270	265	92.7	73.2	74.7	105
	1332	273	269	85.4	68.2	69.2	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.

BFD-1600 (# 11 DS)



Belt-driven, Duple-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.

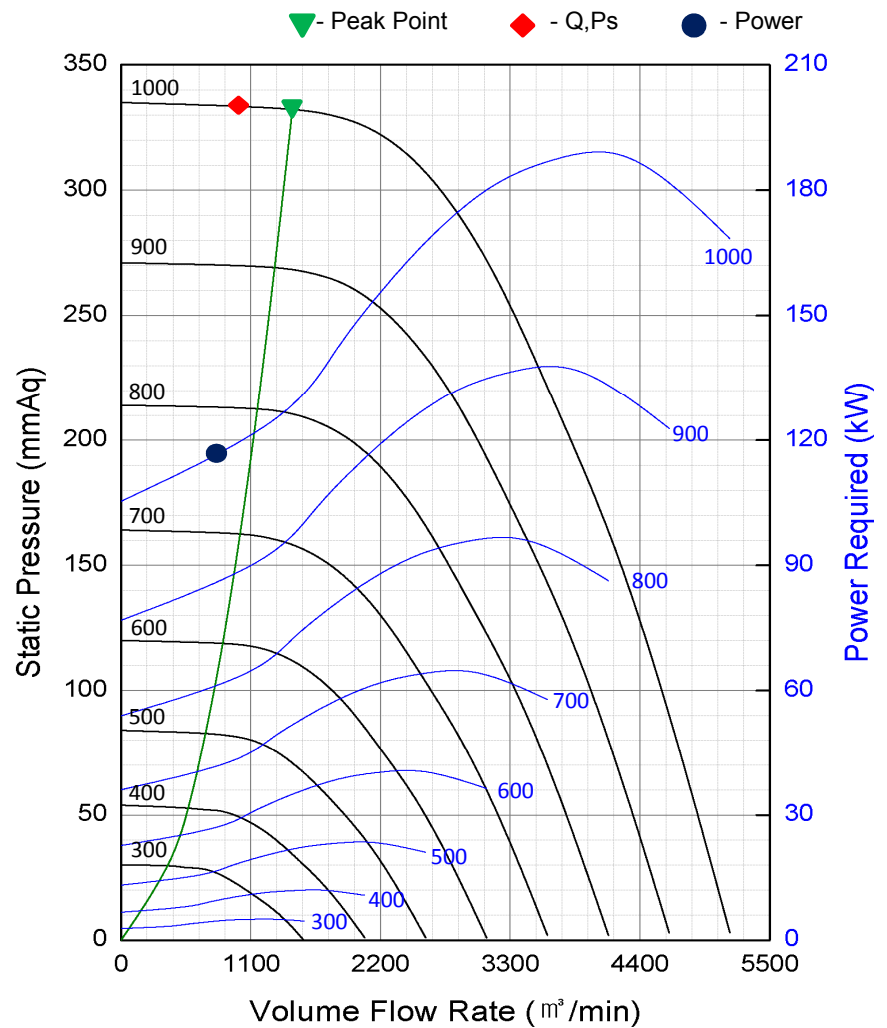
System range.(Maximum REV./Min)

Class-I = 804 RPM

Class-II = 1,020 RPM

Impeller Diameter : 1,486 mm.

Outlet Area. : 3.463 m²



400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1461	37	34	12.0	68.4	74.4	84
	1252	45	43	11.7	75.9	79.8	83
	1031	50	49	10.8	76.9	79.3	82
	851	53	52	9.81	73.2	74.7	82
	717	53	52	9.03	68.2	69.2	82

500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1828	58	54	23.4	68.4	74.4	90
	1566	71	67	22.7	75.9	79.8	89
	1290	79	77	21.0	76.9	79.3	89
	1064	82	81	19.2	73.2	74.7	88
	897	83	82	17.7	68.2	69.2	88

600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	2195	84	77	40.5	68.4	74.4	96
	1881	102	97	39.3	75.9	79.8	94
	1550	114	110	36.3	76.9	79.3	94
	1279	118	116	33.1	73.2	74.7	94
	1078	120	118	30.5	68.2	69.2	93

700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	2563	114	105	64.3	68.4	74.4	100
	2197	139	132	62.3	75.9	79.8	99
	1810	155	150	57.7	76.9	79.3	98
	1494	161	158	52.6	73.2	74.7	98
	1259	163	161	48.4	68.2	69.2	98

800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	2932	150	137	95.9	68.4	74.4	104
	2514	182	173	93.1	75.9	79.8	103
	2072	203	197	86.1	76.9	79.3	102
	1709	211	207	78.6	73.2	74.7	102
	1441	214	211	72.4	68.2	69.2	102

900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	3303	189	174	136.7	68.4	74.4	107
	2832	230	219	132.7	75.9	79.8	106
	2335	257	249	122.8	76.9	79.3	105
	1926	268	263	112.0	73.2	74.7	105
	1624	271	267	103.2	68.2	69.2	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.

BFD-1800 (# 12 DS)



Belt-driven, Duple-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.

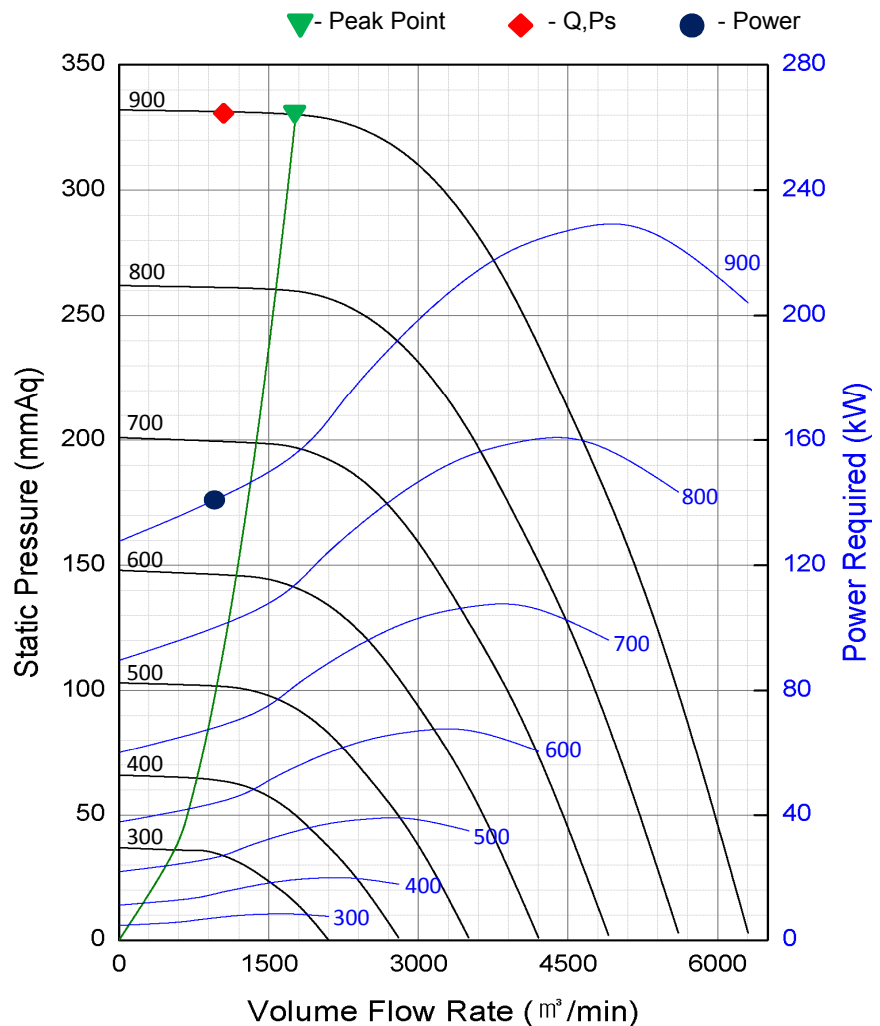
System range.(Maximum REV./Min)

Class-I = 728 RPM

Class-II = 938 RPM

Impeller Diameter : 1645 mm.

Outlet Area. : 4.212 m²



400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1983	46	42	20.0	68.4	74.4	87
	1698	55	53	19.4	75.9	79.8	86
	1399	62	60	17.9	76.9	79.3	86
	1154	64	63	16.3	73.2	74.7	85
500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2480	71	66	38.9	68.4	74.4	94
	2125	87	83	37.8	75.9	79.8	93
	1751	97	94	35.0	76.9	79.3	92
	1445	101	99	31.9	73.2	74.7	92
600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2979	103	95	67.3	68.4	74.4	99
	2553	125	119	65.2	75.9	79.8	98
	2104	140	135	60.4	76.9	79.3	97
	1736	145	142	55.0	73.2	74.7	97
700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	3480	140	129	104.7	68.4	74.4	103
	2983	170	162	104.4	75.9	79.8	102
	2459	190	185	98.3	76.9	79.3	101
	2028	198	194	91.4	73.2	74.7	101
800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	3982	183	169	157.5	68.4	74.4	107
	3414	223	212	155.7	75.9	79.8	106
	2815	249	241	145.8	76.9	79.3	105
	2322	259	254	134.7	73.2	74.7	105
900 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	4486	232	214	225.5	68.4	74.4	110
	3848	283	269	221.7	75.9	79.8	109
	3173	316	306	207.0	76.9	79.3	108
	2618	329	322	190.5	73.2	74.7	108

※ 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.

BFD-2000 (# 13 DS)

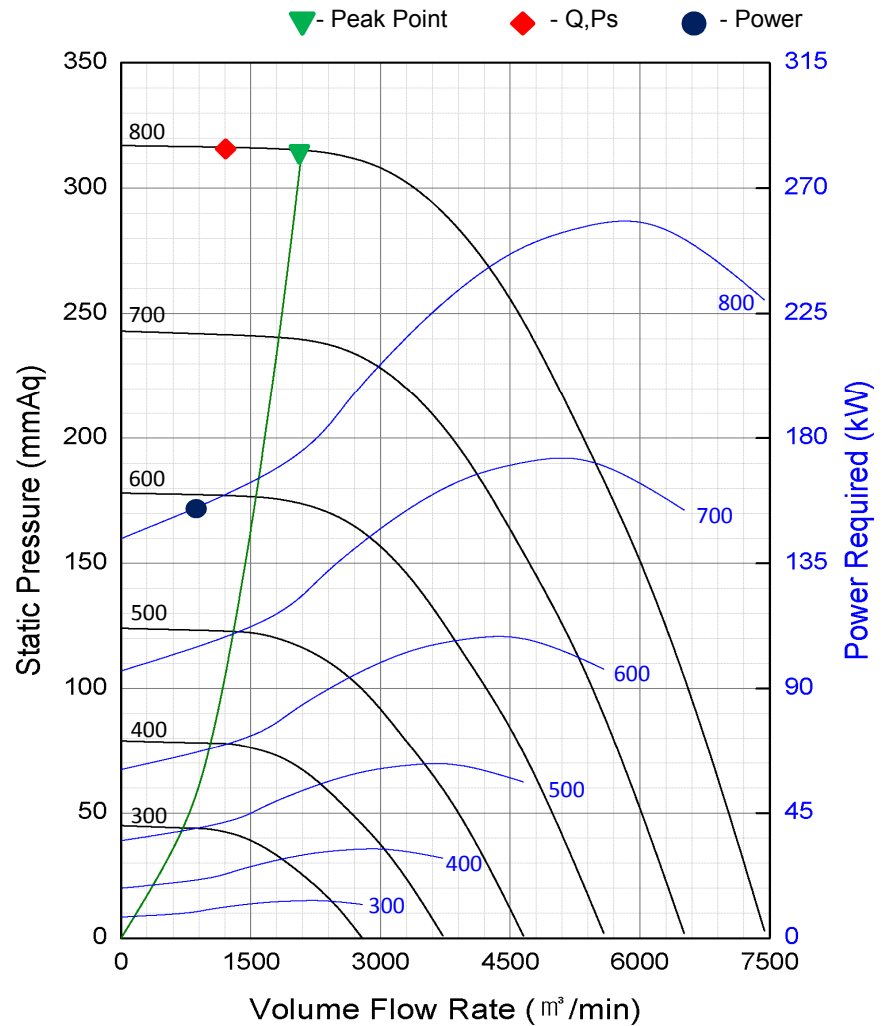


Belt-driven, Duple-Inlet
Airfoil Blade



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 = 664 RPM

Class-II = 849 RPM

Impeller Diameter : 1808 mm.

Outlet Area. : 5.125 m²

300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1974	31	29	13.4	68.4	74.4	82
	1690	38	36	13.0	75.9	79.8	81
	1393	42	41	12.0	76.9	79.3	80
	1149	44	43	11.0	73.2	74.7	80
400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2633	55	51	31.9	68.4	74.4	90
	2256	67	64	30.9	75.9	79.8	89
	1859	75	73	28.6	76.9	79.3	88
	1533	78	76	26.1	73.2	74.7	88
500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	3295	86	79	62.3	68.4	74.4	96
	2823	105	100	60.4	75.9	79.8	95
	2326	117	113	55.9	76.9	79.3	95
	1919	122	119	51.0	73.2	74.7	94
600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	3958	124	114	107.8	68.4	74.4	101
	3392	151	144	104.6	75.9	79.8	100
	2796	169	164	96.7	76.9	79.3	100
	2307	176	172	88.2	73.2	74.7	99
700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	4624	170	156	171.3	68.4	74.4	106
	3965	206	196	166.3	75.9	79.8	105
	3268	230	223	153.9	76.9	79.3	104
	2696	240	235	140.3	73.2	74.7	104
800 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	5292	222	204	256.2	68.4	74.4	110
	4540	270	257	248.7	75.9	79.8	109
	3743	301	292	230.2	76.9	79.3	108
	3088	314	308	209.9	73.2	74.7	108

※ 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.

BFD-2240 (# 14 DS)



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.

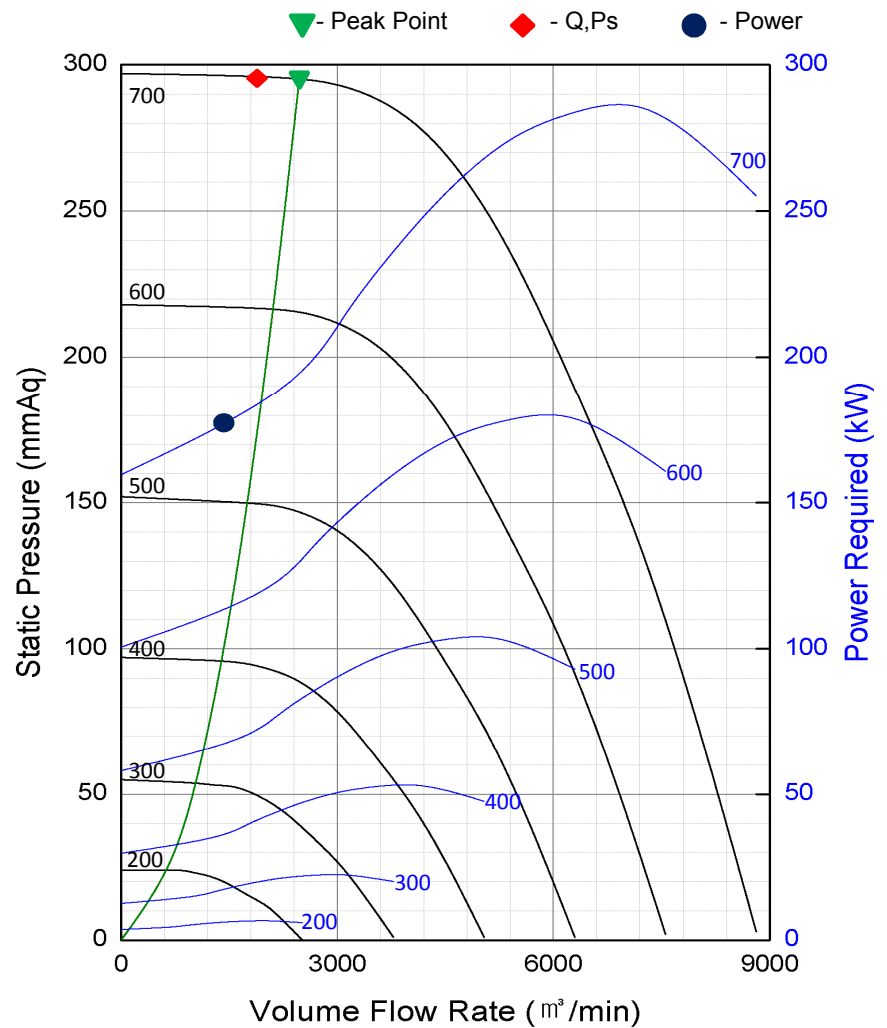
System range.(Maximum REV./Min)

Class-I = 603 RPM

Class-II = 773 RPM

Impeller Diameter : 2000 mm.

Outlet Area. : 6.271 m²



200 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	1780	17	15	6.6	68.4	74.4	73
	1525	20	19	6.4	75.9	79.8	72
	1256	23	22	5.9	76.9	79.3	72
	1036	24	23	5.4	73.2	74.7	71
	874	24	24	5.0	68.2	69.2	71

300 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	(kW)	(%)	Eff.(%)	dBA.
	2672	38	35	22.3	68.4	74.4	85
	2289	46	44	21.6	75.9	79.8	84
	1886	51	50	20.0	76.9	79.3	83
	1556	54	53	18.2	73.2	74.7	83
	1312	54	53	16.8	68.2	69.2	83

400 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	3566	68	62	52.8	68.4	74.4	93
	3055	82	78	51.2	75.9	79.8	92
	2517	92	89	47.4	76.9	79.3	91
	2077	95	93	43.2	73.2	74.7	91
	1751	96	95	39.8	68.2	69.2	91

500 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	4462	106	97	103.2	68.4	74.4	100
	3824	128	122	100.2	75.9	79.8	98
	3152	143	139	92.7	76.9	79.3	98
	2600	149	146	84.5	73.2	74.7	98
	2192	151	149	77.8	68.2	69.2	97

600 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	5362	152	140	178.6	68.4	74.4	105
	4597	185	176	173.4	75.9	79.8	103
	3789	207	201	160.4	76.9	79.3	103
	3126	215	211	146.3	73.2	74.7	103
	2635	218	215	134.7	68.2	69.2	102

700 RPM	Q	Pt	Ps	S.Pow	ST. Eff	Total	Lwi
	m³/m	mmAq	mmAq	kW	(%)	Eff.(%)	dBA.
	6266	208	191	284.1	68.4	74.4	109
	5374	253	240	275.9	75.9	79.8	108
	4431	282	274	255.3	76.9	79.3	107
	3656	294	288	232.8	73.2	74.7	107
	3081	297	293	214.5	68.2	69.2	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

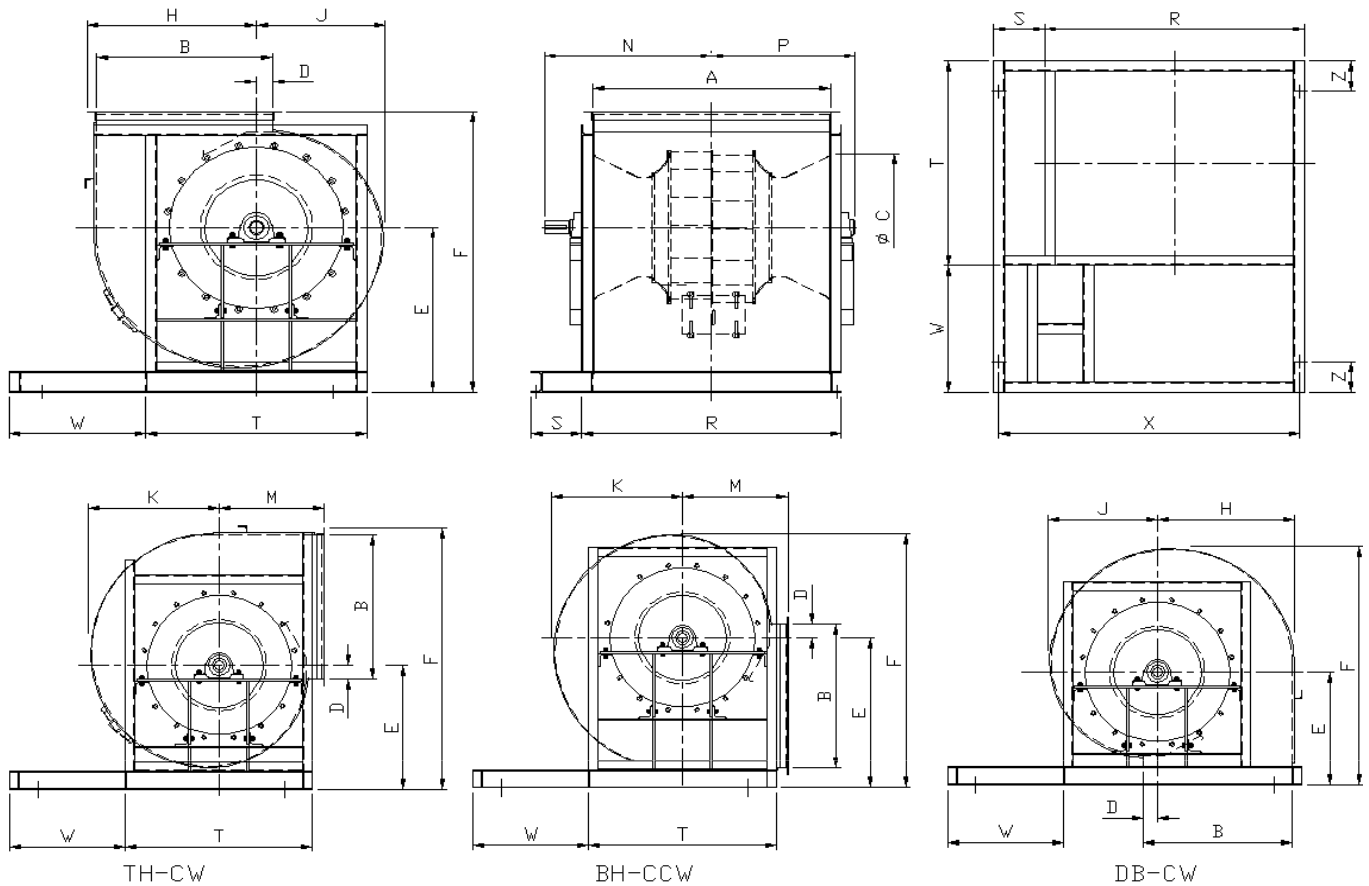
Values shown are for Lwi and LWiA sound power levels for installation type B: free inlet, ducted outlet.

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

4. OUT-LINE DWG.



AIRFOIL DIDW 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
BFD-0315 (# 2 DS)	Lwi	359	339	29	427	376	471	406	742	746	742	728
BFD-0355 (# 2 1/2 D)	540	399	373	38	459	402	503	425	793	805	799	778
BFD-0400 (# 2 3/4 D)	600	437	415	33	497	433	544	451	857	877	873	842
BFD-0450 (# 3 DS)	660	483	456	41	535	465	586	482	926	950	945	911
BFD-0500 (# 3 1/2 D)	730	530	505	35	552	476	608	508	969	1006	1002	979
BFD-0560 (# 3 3/4 D)	800	591	553	56	597	513	655	539	1045	1092	1090	1058
BFD-0630 (# 4 DS)	889	649	616	50	652	560	715	578	1139	1199	1197	1153
BFD-0680 (# 4 1/2 D)	978	716	678	57	719	608	775	618	1246	1307	1304	1249
BFD-0710 (# 5 DS)	1080	798	747	74	808	694	879	691	1373	1461	1459	1385
BFD-0800 (# 5 1/2 D)	1200	873	830	65	883	757	959	735	1492	1605	1605	1506
BFD-0900 (# 6 DS)	1318	972	908	84	957	821	1040	773	1604	1750	1748	1619
BFD-1000 (# 7 DS)	1461	1067	1010	85	1096	944	1208	912	1807	1976	1988	1846
BFD-1120 (# 8 DS)	1611	1181	1113	100	1190	1022	1307	981	1970	2153	2165	2008
BFD-1250 (# 9 DS)	1781	1301	1230	102	1296	1109	1422	1051	2146	2355	2369	2185
BFD-1400 (# 10 DS)	1962	1443	1356	125	1412	1207	1544	1134	2345	2575	2587	2383
BFD-1600 (# 11 DS)	2170	1596	1487	138	1544	1322	1684	1229	2572	2830	2836	2609
BFD-1800 (# 12 DS)	2400	1755	1664	133	1715	1466	1838	1337	2851	3127	3111	2861
BFD-2000 (# 13 DS)	2642	1940	1816	167	1866	1593	1999	1439	3104	3431	3399	3115
BFD-2240 (# 14 DS)	2921	2147	2008	186	2066	1764	2212	1585	3450	3800	3757	3437

- NOTE -

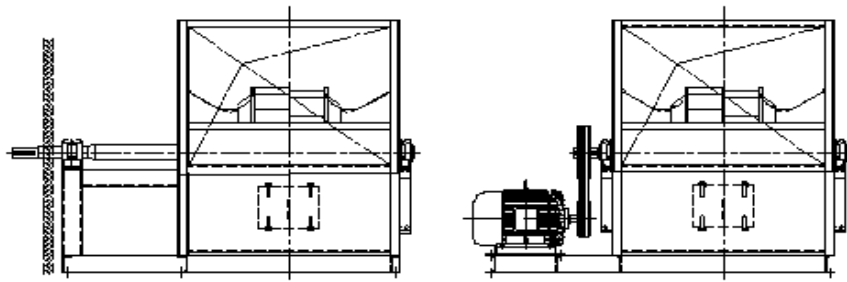
1. UB,TH 이외의 SIZE는 고객 주문품임.
2. DB방향은 "비표준 베이스" 제품으로 상기 치수적용을 금합니다.
3. "표-2"의 Custom-made 제품은 적용전 반드시 당사 영업/기술부와 협의를 부탁드립니다.

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

4. OUT-LINE DWG.



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



모터 외장형

모터 마주보기

<표-2 모터 취부방법에 따른 분류>

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

Manufacturer standard

1	2	3	CW ROTATION
4	5	6	
UB	TH	BH	

Custom-made

1	CW ROTATION
2	
DB	

구동측에서 보았을시 회전 및 토출방향(View at drive side)

<표-3 회전 및 토출방향>

<표-4 치수"W">

DIMENSIONS (mm)												Base Channel
FAN SIZE.	H	J	K	M	N	P	R	S	T	X	Z	
BFD-0315 (# 2 DS)	370	271	322	315	464	339	508	190	569	680	150	75X40X5t
BFD-0355 (# 2 1/2 D)	403	296	353	334	490	365	549	190	620	721	150	75X40X5t
BFD-0400 (# 2 3/4 D)	444	329	391	360	523	398	594	190	680	766	150	75X40X5t
BFD-0450 (# 3 DS)	485	359	429	391	573	428	654	190	740	826	150	75X40X5t
BFD-0500 (# 3 1/2 D)	530	394	471	417	615	470	714	200	810	896	150	75X40X5t
BFD-0560 (# 3 3/4 D)	579	435	519	448	650	505	768	200	880	950	150	75X40X5t
BFD-0630 (# 4 DS)	639	482	575	487	710	565	851	200	969	1033	150	75X40X5t
BFD-0680 (# 4 1/2 D)	699	529	631	527	774	609	930	200	1058	1112	150	75X40X5t
BFD-0710 (# 5 DS)	768	580	694	565	827	662	1003	210	1180	1191	150	100X50X5t
BFD-0800 (# 5 1/2 D)	848	646	771	609	895	730	1083	220	1300	1281	150	100X50X5t
BFD-0900 (# 6 DS)	929	708	846	647	954	789	1168	220	1418	1366	150	100X50X5t
BFD-1000 (# 7 DS)	1032	780	934	711	1055	890	1302	220	1611	1454	200	150X75X6.5t
BFD-1120 (# 8 DS)	1131	858	1027	780	1144	974	1403	230	1761	1565	200	150X75X6.5t
BFD-1250 (# 9 DS)	1246	947	1134	850	1237	1067	1549	240	1931	1721	200	150X75X6.5t
BFD-1400 (# 10 DS)	1368	1043	1249	933	1348	1158	1708	240	2112	1880	200	150X75X6.5t
BFD-1600 (# 11 DS)	1508	1152	1380	1028	1459	1269	1885	240	2320	2057	250	150X75X6.5t
BFD-1800 (# 12 DS)	1676	1273	1524	1136	1574	1384	2083	240	2550	2255	250	150X75X6.5t
BFD-2000 (# 13 DS)	1838	1400	1676	1238	1695	1505	2292	240	2792	2464	250	150X75X6.5t
BFD-2240 (# 14 DS)	2036	1545	1852	1384	1839	1649	2534	250	3071	2716	250	150X75X6.5t

- NOTE -

1. "표-2"의 모터 마주보기 및 모터 외장형은 당사 영업/기술부에 문의하시기 바랍니다.
2. 팬 회전 및 토출방향은 "표-3 회전 및 토출방향"에 따른다.
3. SIZE "W"는 모터 프레임에 따라 변경되는 값으로, 베이스 규격 과 모터 프레임을 참조(-표4).

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