


**陽鼎實業股份有限公司**  
**FLOWTECH CO., LTD.**

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CNo. : CAT-BAZ1117 November 2017

AGENT(經銷商):

BAZ Series 雙吸翼截式離心風機

陽鼎實業股份有限公司

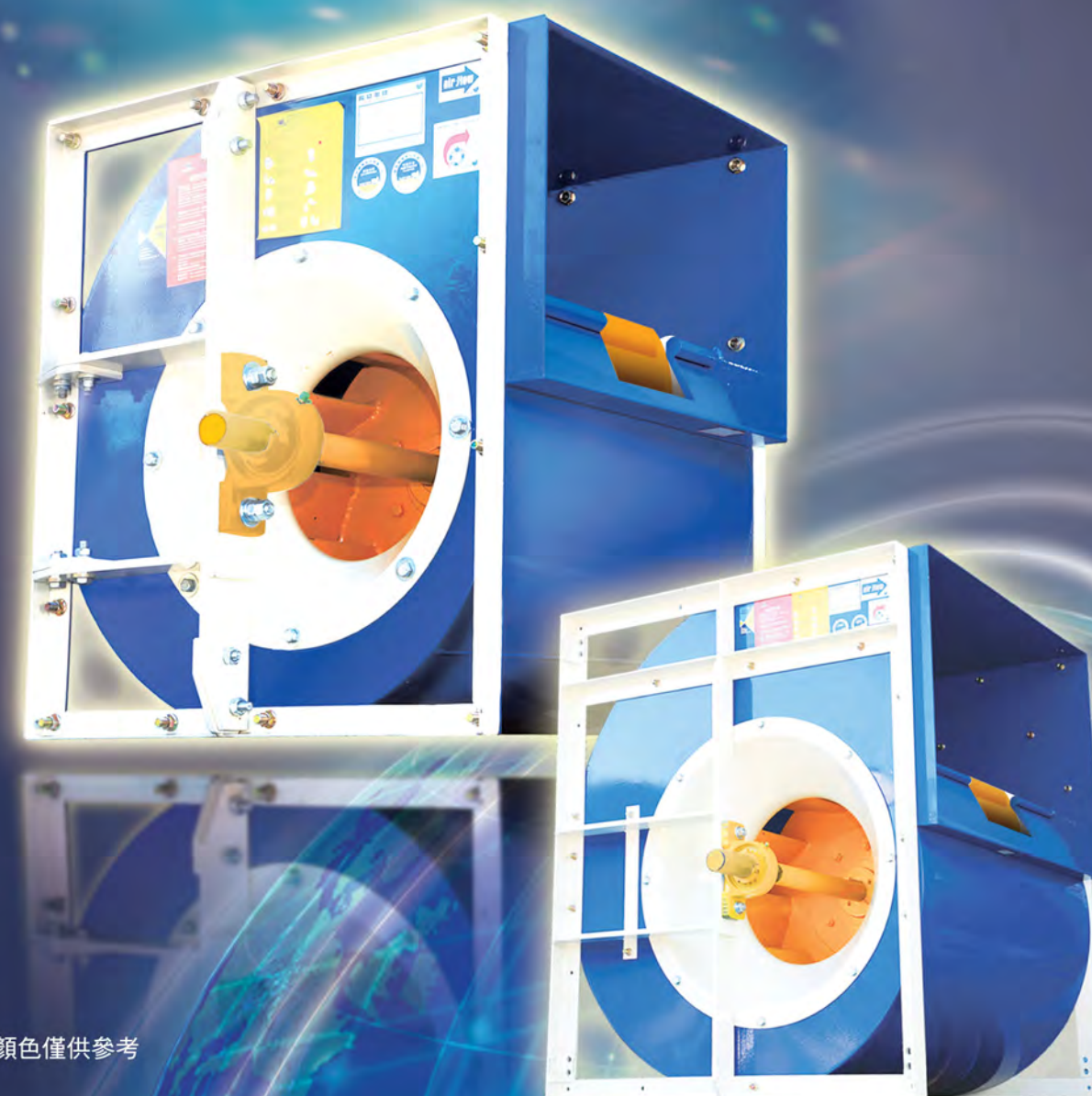



**US LISTED**  
 POWER VENTILATOR  
 45GD

# BAZ Series

**DOUBLE INLET CENTRIFUGAL FAN**  
with Airfoil Wheels

頂尖風範 · 獨具一格



封面風機顏色僅供參考


**FLOWTECH**  
 陽鼎實業股份有限公司





# 世·界·級·的·認·證

## GLOBALLY RECOGNIZED CERTIFICATIONS AND STANDARDS

### 通風設備性能與耐溫測試實驗室

### Ventilation Performance and Smoke Management Laboratory

舉凡通風設備產品如風機、風門所需之性能及品質要求，皆可由本實驗室提供一系列完整的測試服務。並在財團法人全國認證TAF基金會的品質及技術要求監督下，獨立並公正執行每項測試。因此，國內公共工程及消防安全之相關通風設備產品，不必再千里迢迢將產品送到國外測試，也不需業主及顧問公司人員舟車勞頓至國外見證，節省更多的時間費用。

除此之外，本實驗室為求能邁入國際化，分別於西元2003年12月29日、2004年11月5日及2004年12月22日取得AMCA 210、UL555/555S和AMCA 300之實驗認證。AMCA及UL實驗室在風機及風門的產品測試要求，一直是大部分國家採用的規範，AMCA及UL在透過定期的能力對比之下、監督其認證過的實驗室測試能力即精確度。因此，本實驗室為國內第一家風機製造商通過AMCA及UL認證的實驗室，對於產業將會造成良性的競爭與提升。



亞洲唯一UL認證實驗室



實驗室TAF證書





## 常溫風機性能測試設備 Fan performance Testing Facility

測試標準(Standards)

- AMCA 210
- BS 848-1
- ISO 5801
- DIN 24163-2

## 風門、百葉壓損測試設備 Louver Pressure Drop Testing Facility

測試標準(Standards)

- AMCA 500

## 隧道通風機振動/推力測試設備 Jet Fan Thrust Testing Facility

測試標準(Standards)

- ISO 13350
- BS 848-10

## 排煙閘門洩漏測試設備 Smoke Damper Leakage Testing Facility

測試標準(Standards)

- AMCA 500
- ISO 10294
- UL 555S
- GB 15930

## 消音箱/消音百葉測試設備 Silencer / Acoustical Louver Testing Facility

測試標準(Standards)

- ASTM-E477
- ISO 7235

## 防火風門測試設備 Fire Damper Testing Facility

測試標準(Standards)

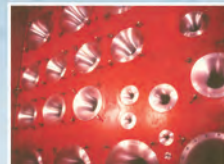
- UL 555

### 測試標準

- AMCA 210
- AMCA 300
- AMCA 500
- AS 4429
- ASTM-E477
- ASHRAE 149
- DIN 24163-2
- BS 7346-2
- BS 848-1
- BS 848-2
- BS 848-10
- GA 211
- GB 15930
- EN 12101-3
- ISO 5801
- ISO 7235
- ISO 10294
- ISO 13350
- UL 555
- UL 555S



全響室迴風道出口  
Exhaust Duct exit of Reverberant



流量噴嘴  
Multiple Nozzles for Flow Measurement



全響室迴風道裝置  
Silencer in Exhaust Duct



全響室  
Reverberant Room  
360°旋轉噪音器  
360°Routing Microphone in Reverberant



整流裝置  
Flow Straightener



# BAZ<sup>Flowtech®</sup> Series

## DOUBLE INLET CENTRIFUGAL FAN

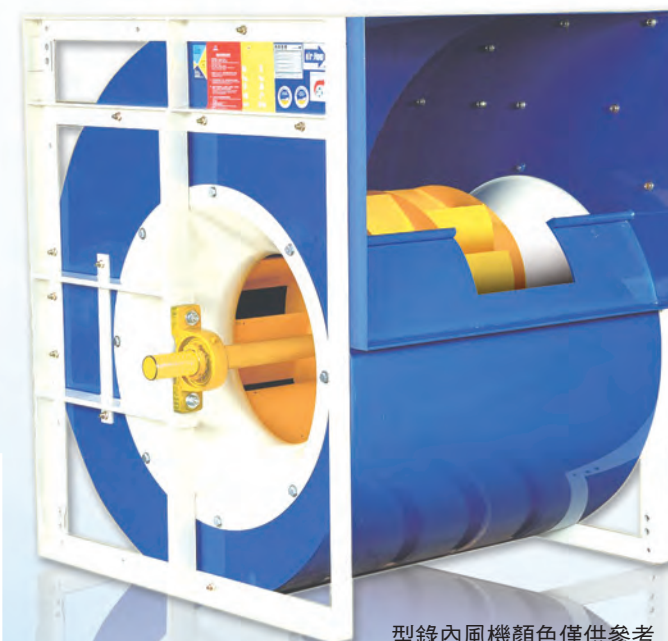
雙吸翼截式離心風機

with Airfoil Wheels

Low and Medium pressure high efficiency centrifugal fan  
中低壓力與高效率離心風機

Flowtech Co., Ltd. certifies that Model BAZ shown on pages 22-53 is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with requirements of the AMCA Certified Ratings

陽鼎實業股份有限公司特此證明，此處所示BAZ系列獲得了加蓋AMCA印章的授權。所示額定值系根據AMCA出版物211和AMCA出版物311所進行測試和程式確定，並符合AMCA認證額定值計畫的要求。



型錄內風機顏色僅供參考



POWER VENTILATOR  
45GD

BAZ Series are listed for electrical  
(UL/cUL 705) File no. E323432

BAZ全系列通過UL/cUL 705產品認證  
檔案號碼：E323432



## BAZ Series Double Inlet Centrifugal Fans – Airfoil wheels

### BAZ 系列 雙吸翼截式離心風機

The BAZ series is DWDI centrifugal fans with high efficiency non-overloading airfoil impellers, and with the following characteristic

- (1) The impellers use aerofoil blades have minimum Lose on Hydrodynamics, compare with the tradition impellers have more higher efficiency and lower noise.
- (2) Because aerofoil blades structure strong more than tradition blades, so it can use high revolutions and static pressure.

The fans are auditable for supply or extract applications in commercial, process and industrial HVAC systems. Sizes of this series are in accordance with AMCA standard 99-0098-76 R20.

BAZ系列為雙吸離心式風機（DWDI），其葉輪為高效率無超載的翼截式葉輪，具有以下特色：

- (1) 葉輪採用流體力學上損失最少的翼截式葉片，與傳統平板式的葉片比較起來具有高效率、低噪音的特性。
- (2) 因翼截式葉片比傳統平板式的葉片構造更堅固，可承受較高的轉數，且靜壓的使用範圍也較廣泛。

此風機適用於商業及工業通風空調系統中。

該系列的規格是根據AMCA 99-0098-76 R20標準設計。

### Type / Operating Limit

#### 結構 / 操作極限

	Model 355-450	Model 500-630	Model 710-2000
Type L	I		
Type M		I	
Type H	II	II	I
Type V	III	III	II
Type X			III

Each fan type has its maximum operation speed and power due to its mechanical design.

The operating limit of BAZ series – fan type is design to meet the requirement of class I, II and III limit as defined in AMCA standard 99-2408-69.

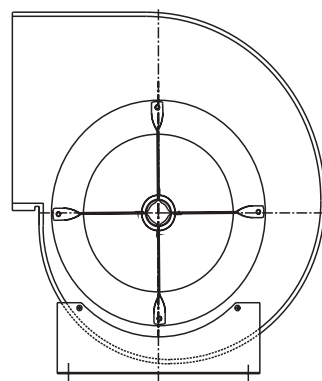
The BAZ series is available in type L, M, H, V, X as shown in Fig.1 :

每種風機類型由於機械設計的不同都有其最大的操作速度及功率。

BAZ系列各種風機類型要求的I、II、III等級是符合AMCA標準99-2408-69運轉的限制和風機類型要求所設計。

BAZ風機系列的型式包含L M H V X。詳細內容請參照圖表.1

### Type L



This type is supplied with mounting feet and can be mounted in three different orientations. Inlet flange 'L' and outlet flange are supplied as standard.

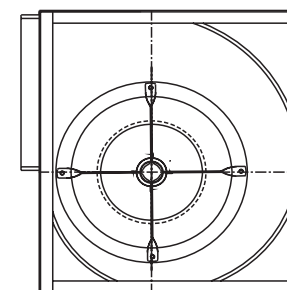
Without outlet flange, with removable feet

Size : 355 to 450 Volume : 0.31 to 6.23 m<sup>3</sup>/s Total Pressure. : up to 1675Pa

這類型的風機由半月型腳架支撐並可變換三種不同的安裝方位。可提供移動式的半月型腳架但不提供出口法蘭。

型號：355到450 風量：0.31到6.23 m<sup>3</sup>/s 全壓：可達1675 Pa

### Type M



This type has a frame fitted on both sides of the fan which gives better strength and rigidity and allows mounting in four different orientations.

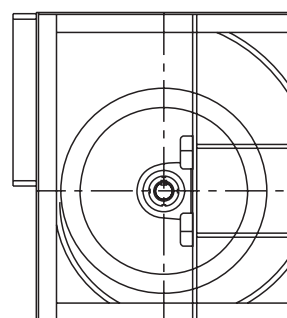
Without outlet flange, with welded rectangular frame.

Size : 355 to 630 Volume : 0.31 to 11.96 m<sup>3</sup>/s Total Pressure. : up to 1675Pa

這類型的風機在兩側皆有適合的框架，以加強其強度與剛度，並可變換四種不同的安裝方位。可提供焊接式的方形框架但不提供出口法蘭。

型號：355到630 風量：0.31到11.96 m<sup>3</sup>/s 全壓：可達1675 Pa

### Type H



This type has a welded frame giving increased stiffness and rigidity required for higher operating performance.

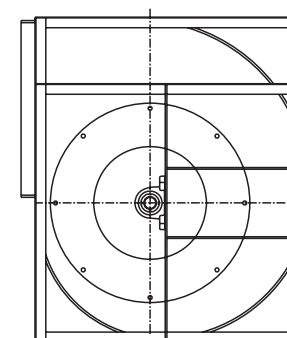
Without outlet flange, with welded rectangular frame.

Size : 355 to 2000 Volume : 0.64 to 167.5 m<sup>3</sup>/s Total Pressure. : up to 2800Pa

這類型的風機皆以焊接方式加強框架的結構，以提升強度與剛度，適用於要求全壓較高的場合。可提供焊接式的方形框架但不提供出口法蘭。

型號：355到2000 風量：0.63到167.5 m<sup>3</sup>/s 全壓：可達2800 Pa

### Type V



This type is similar to type H but utilizes enhanced bearings to support higher load necessary for the increased performance.

Without outlet flange, with welded rectangular frame.

Size : 355 to 2000 Volume : 0.92 to 227 m<sup>3</sup>/s Total Pressure. : up to 5200Pa

這類型的風機類似於type H，但利用增強軸承方面的結構強度，能適用於需要高性能運轉的場合。可提供焊接式的方形框架但不提供出口法蘭。

型號：355到2000 風量：0.92到227 m<sup>3</sup>/s 全壓：可達5200 Pa

Fig.1 / 圖表.1

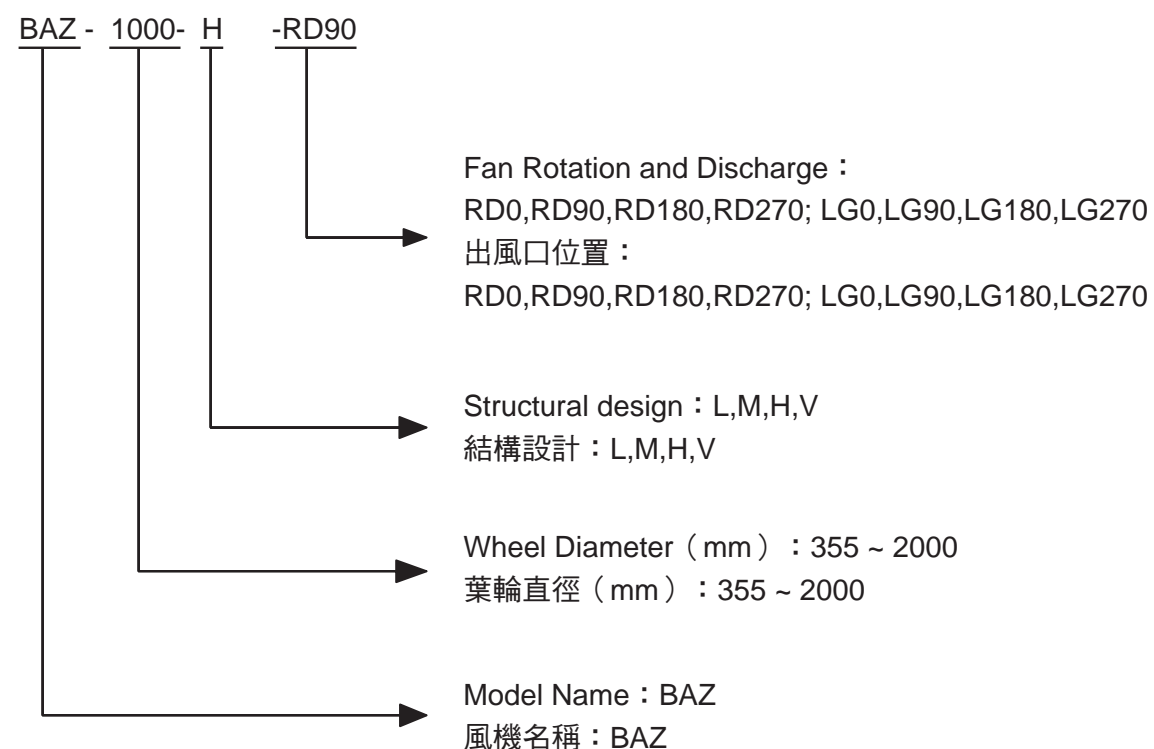
The type "X" is non-standard , for more information , please consult Flowtech co., Ltd  
Type X是非標準產品，若想了解更多的詳細資料，請與陽鼎實業股份有限公司聯繫





## Designation ,Formula signs

### 風機命名方式



## BAZ Twin Fan

### BAZ 雙組風機

BAZ series are also available in twin fan version, with two double inlet fans mounted on the same shaft.

To Select for twin fans, use the curve of single fan with the following factors :

BAZ系列也可以採用雙組風機的形式，也就是將兩台風機的入風口安裝在同一個軸上。

在選用雙組風機的時候，將採用單一風機的曲線，並採用下列係數：

Airflow Rate風量----- x 2  
Absorbed Power輸出功率----- x 2.15  
Speed轉速----- x 1.05  
Noise 噪音----- + 3dB

This series is available in type G<sub>2</sub> L (355-400), G<sub>2</sub> M (355-500), G<sub>2</sub> H (355-1000)

Performances of Twin fans are not AMCA licensed.

這一系列可適用在type G<sub>2</sub> L ( 355-400 ) ， G<sub>2</sub> M ( 355-500 ) ， G<sub>2</sub> H ( 355-1000 )

該雙組風機的性能不屬於AMCA的認證範圍。

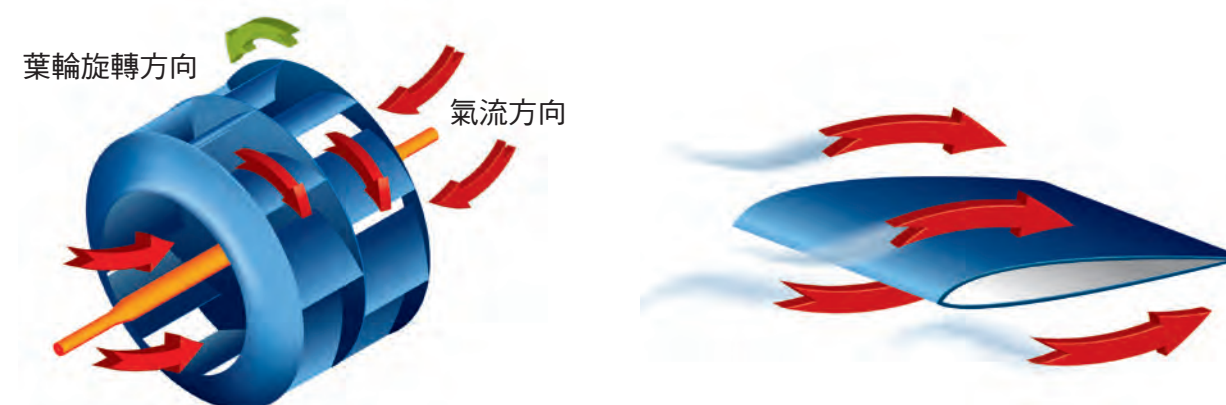
## TECHNICAL SPECIFICATION

### 技術要點

#### Wheel 葉輪

The Wheel of BAZ series is made of cold rolled sheet steel airfoil profile blades with spray paint or polyester powder coating finish and fully welded. The material of wheel also made of stainless steel or aluminum. All wheels are statically and dynamically balanced to ISO1940 or AMCA 204-G2.5 standards.

BAZ系列的葉輪是將冷軋鋼板製成機翼型截面葉片之後，並在表層噴漆或烤漆及焊接成形。另外該葉輪也可使用不銹鋼、鋁...等其他材料製成。所有葉輪的靜平衡與動平衡將符合ISO1940或AMCA 204-G2.5的標準規範。



Air flow will be inhaled into intake and thrown to outtake by fan operation, becoming a flow field. Red arrow indicate flow path. Green arrow indicate rotation direction.

氣流於風機運轉時由入口側吸入，藉由葉輪轉動而將氣流甩出，形成一道氣體流場。紅色箭頭表示氣流路徑，綠色箭頭為葉輪旋轉方向。

Due to specific blade designation of Airfoil section, it makes flow field more smooth and boost fan's performance. Red arrow indicate flow path.

翼型葉片的特殊外型設計，可使氣體流動更為順暢，並大幅提昇風機性能。紅色箭頭表示氣流路徑。

#### Shaped Inlets ( Inletcone) 導風圈



The aerodynamically shaped inlets are bolted in and guarantee a perfect inlet stream onto the impeller. The inletcone is made of steel or stainless steel or aluminum alloy.

透過流體力學的計算與設計，能將氣流發揮完美的導引效果至葉輪上。導風圈將利用鋼板、不銹鋼或鋁合金所製作而成。





### Housing 機殼

For all sizes the housing is manufactured in steel or galvanized sheet steel another also made of stainless steel with the housing fixed to the side plates in "Pittsburg lock"、"Welding"、"Combine in succession" form system. When the housings finished with spray paint or polyester powder coating.

所有各種型號的機殼，均採用一般鋼材或鍍鋅鋼板製作，另外也可使用不銹鋼等其他材料製成。且機殼的腹板與側板可採用”匹茲堡咬合”、”焊接”、”連續結合”的方式結合成型。並於完成後在表層噴漆或烤漆。

### Frame 框架

The frame is manufactured with galvanized angular bars for type "M". For type "H" and "V", They are manufactured with sections of steel and finished with spray paint or polyester powder coating. 對於結構M的框架將利用角鐵及扁鐵製作成型，而對於結構H和結構V將利用型鋼製作成型，並在表層噴漆或烤漆。

### Shaft 軸心

Shafts are manufactured from ISO C45 (JIS S45C ; AISI C1045) carbon steel、stainless steel or other using an automatic process for positioning and cutting of the keyways. All dimensional tolerances of the shaft are fully checked to ensure a precision fit and then coated with an anti-corrosion varnish after assembly. Both shaft ends have as a standard feature diameters complying with ISO286. Shafts are sized to operate 20% or more below the first critical speed for each class of duty.

主要採用ISO C45 (JIS S45C ; AISI C1045) 的碳鋼、不銹鋼或其他材質製作，軸心上的定位及鍵槽採用自動加工成型，軸心的所有公差都經過周詳的檢測及計算，以保證其符合精度的要求，並於裝配後在表層防銹塗裝。所有軸心皆參照ISO286的規範進行設計，軸徑的大小取決於臨界轉速或是高於操作轉速的20%而設計。

### Bearings 軸承

Bearings used are either deep groove ball bearing type with an eccentric locking collar or an adapter sleeve, or spherical roller bearings type sealed at both sides for different duty application. Bearing are selected for continuous operation and ample size for best possible operating results. They are selected for a basic rating fatigue life (L-10) and (L-50) per AFBMA Standards in excess of 45,000 hours and 225000 hours at maximum operating speed for each pressure class. According to the L-10, can guarantee 90% of the bearings up to operating the demand for 45000 hours; In the L-50, can guarantee 50% of the bearings up to operating the demand for 225000 hours.

所有的軸承均為兩側密封的深槽滾珠軸承或是球面滾珠軸承。軸承根據不同的設計需求，可分別採用錐套固定的深槽滾珠軸承或兩側密封的球面滾珠軸承。軸承疲勞壽命的選用皆根據AFBMA(L-10)和(L-50)的設計標準，可在最高轉速運行下皆可達到45000和225000小時的運轉，依據L-10的設計標準中，可保證90%的軸承皆能達到運轉45000小時的需求；L-50的設計標準中，可保證50%的軸承皆能達到運轉225000小時的需求。

### Fan Type L , M



For fan type "L" and "M" are use single row, deep groove, self-aligning ball bearings with an eccentric locking collar. They are mounted in a rubber housing and sealed at both sides for light duty application.

(light Duty)

對於BAZ類型”L”和”M”都是使用單列的滾珠軸承並鎖上偏心環的套筒加以固定，而軸承與培林架之間會有一層橡膠墊圈，能增加固定並有吸震功能。此一結構適用於輕負載的狀態下。

### Fan Type H



For fan type "H" use single row sealed ball bearings, locked on the shaft with conical sleeve and mounted inside cast-iron blocks ,with grease points, bolted to the side-frames.(Medium Duty)

對於BAZ類型”H”是使用單排密封的滾珠軸承，且鎖上一圓錐形套筒加以固定，並同時注入潤滑油以防止生鏽老化，安裝時會將其架設於框架上以增加穩定。此一結構適用於中負載的狀態下。

### Fan Type V



For type "V", Bearings are mounted on cast iron supports with grease points. According to the fan duty and size, bearings use double-row ball type with conical sleeve inside split block housings.

(Heavy Duty)

對於BAZ類型”V”的軸承，將根據風機運轉時的負載和大小而選用雙排滾珠軸承，同時在上面加裝圓錐形套筒加以固定，安裝時會將其裝在框架上，並須保持潤滑。

The bearings are lubricated for life and maintenance-free. If re-lubrication is necessary, it is recommended to use a lithium base grease suitable for all temperatures within the operational limits. Other maintenance explanation please reference the “Check list for fan maintenance” 在正常運轉下，軸承能保持潤滑與免維修。如果有必要再增加潤滑的話，建議在適當的溫度下添加適量的潤滑油。其餘保養說明請參照”風機維修保養應注意事項”。

### Balancing Quality 平衡校正

All wheels are statically and dynamically balanced to ISO1940 and AMCA 204-G2.5 standards.

All fans after assembly are trim-balanced to ISO1940 and AMCA 204-G2.5 standard.

Clean room application fans with balancing grade of G1.0 are available upon request.

所有葉輪都按照ISO1940及AMCA 204-G2.5的標準進行靜平衡和動平衡測試。

所有風機在裝配後都按照ISO1940及AMCA 204-G2.5進行整體細部平衡測試。

可根據無塵室的要求提供平衡等級為G1.0的風機。

Special paint & corrosion resistant coatings : Consult Flowtech office.

如需表面塗層特殊的烤漆或抗腐蝕的處理：歡迎與陽鼎實業股份有限公司接洽聯繫。



## OPTIONAL ACCESSORIES (Please contact Flowtech for expense)

### 配件選購（費用部份請另洽陽鼎實業股份有限公司）

#### Casing Drain 機殼排水孔

This option is available when using fans exposed to the atmosphere or operating in high humidity conditions.

當風機在露天或高溫環境中進行運轉時，可以採用這種排水孔。

#### Outlet Flanges 出口法蘭

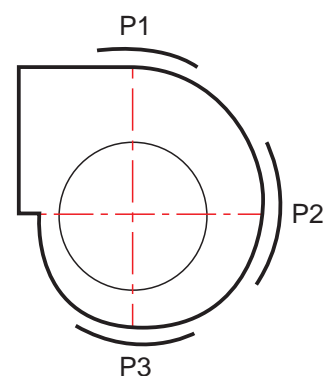
Outlet flanges are in accordance with DIN 24193 sheet 2 and available upon request.

根據需要可以提供參照DIN24193表格2設計的出口法蘭。

#### Guards 防護網

Inlet guards, discharge guards and non-drive end shaft guards are available on request.

根據需要可以提供入口防護網、出口防護網和軸端防護網。



#### Inspection Doors 檢修孔

The inspection door can be supplied upon request. It can be supplied in one of the three positions (P1, P2, & P3).

根據需要可以提供檢修孔，檢修孔可安裝在如左圖所示的三個位置上（P1, P2, & P3）。

#### Stainless steel fan shafts 不銹鋼的軸心

Are available on fan sizes for applications where standard stainless steel shafts may exhibit excessive corrosion or heat stress.

可依照風機大小而選購標準的不銹鋼軸心，其軸心具有抗腐蝕與熱應力的特性。

#### Split housings 組合式機殼

Type H, V fan can be furnished with horizontal split housings to facilitate wheel removal at additional cost. Housing splits are caulked and bolted when fan is shipped assembled.

為了船運時的方便，類型H、V的風機可以配合貨櫃大小將機殼做水平切割。

## Vibration Isolation System

### 避震系統

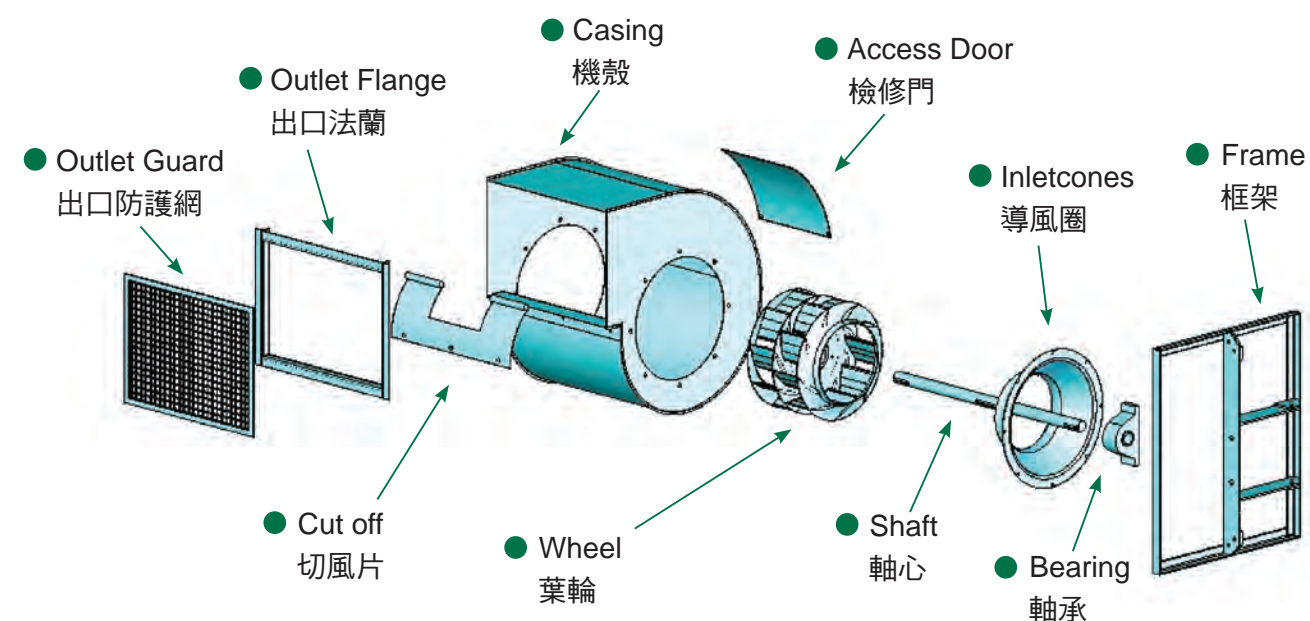
Flowtech offers a complete line of spring isolation bases with free standing or housed spring isolators. Base are available with height saving brackets for minimal fan and base height. Inertia bases built to accept poured concrete are also available.

陽鼎實業股份有限公司可另報價隨產品提供一組避震基座，或提供一組獨立可安放產品的避震器，該風機的高度則須包含底座的有效高度在內，同時避震器底座也可埋入混凝土中使用。

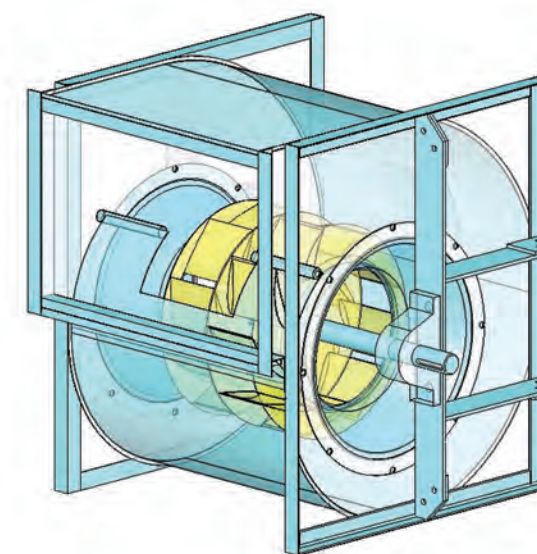
## Ignition protected versions 防爆型風機

Ignition protected versions can be built on request, with inletcones made of stainless steel or with steel rubbing stripes on the edge of the inletcones. Please contact Flowtech for selection and detail.

根據客戶需求陽鼎實業股份有限公司可以提供鋼製、不銹鋼的導風圈，或在導風圈邊緣鑲嵌鋼圈或epoxy防護的防爆型風機。相關的類型或詳情請與陽鼎實業股份有限公司聯繫。



Fan layout drawing 風機設計爆炸圖



Fan layout perspective drawing 風機設計透視圖



## Fan Rotation and Discharge

### 風機的氣流與出口方向

The rotation and discharge of the fan is in accordance with AMCA standard 99-2406-03.

The direction of rotation is determined from the drive side of fan [refer Fig.2] :

風機的氣流和出口方向是根據AMCA99-2406-03的標準規範而制定。

風機的氣流方向是由風機的傳動側視圖方向而制定的[請參照圖表.2] :

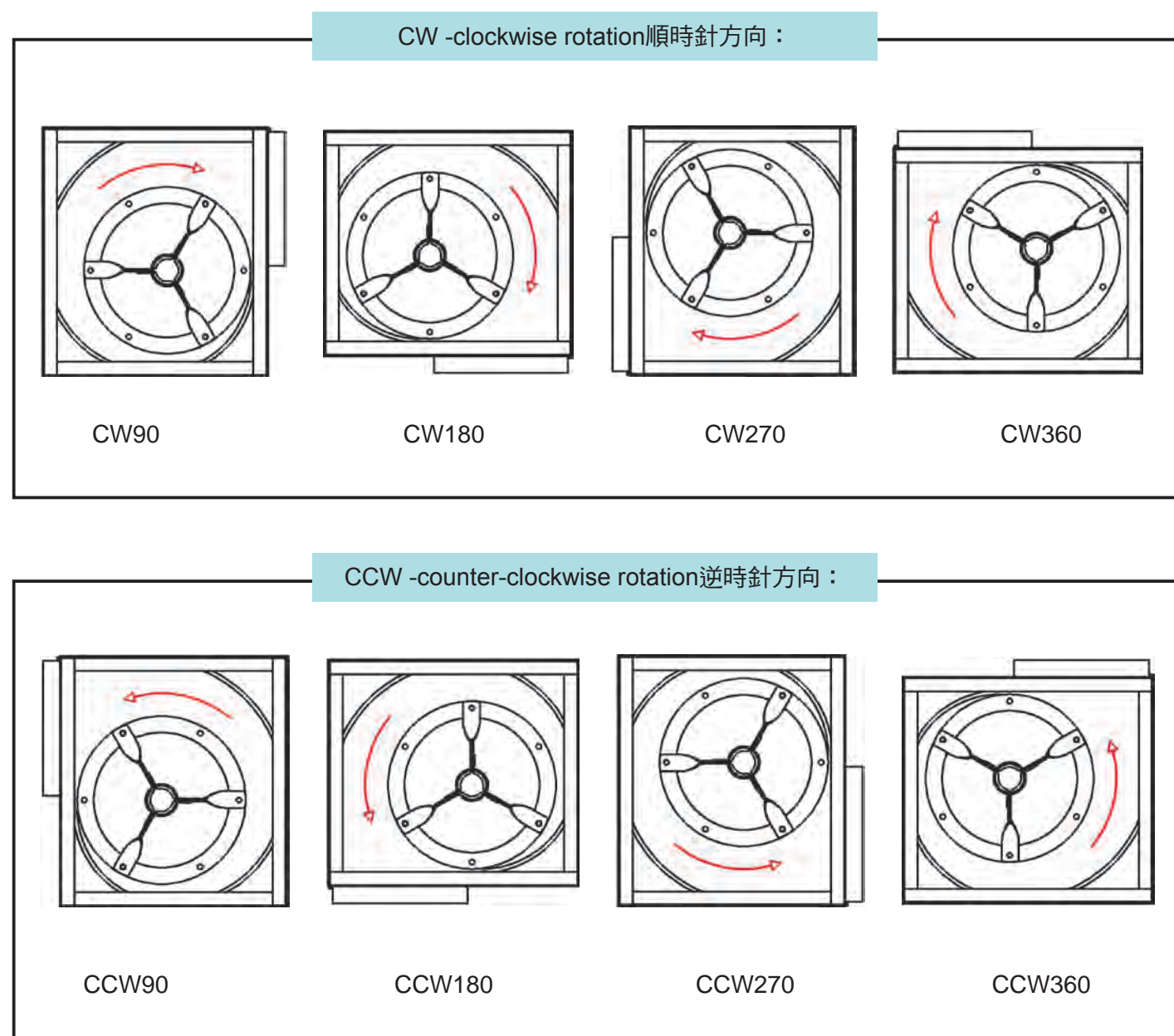


Fig.2 – Fan rotation and discharge / 圖表.2 – 風機的氣流與出口方向

## Motor Position

### 馬達位置

The position of the motor for belt drive centrifugal fan is in accordance with AMCA standard 99-2407-66.

Location of motor is determined by Facing the drive side of fan and Designating the positions by letters W, X, Y or Z[ refer Fig. 3 ]

由皮帶輪所傳動的離心風機，其馬達的擺放位置是根據AMCA 99-2407-66的標準規範制訂。

馬達的擺放位置是根據面對風機時的側面傳動制訂，並分別以W、X、Y或Z表示。

[請參照圖表.3]

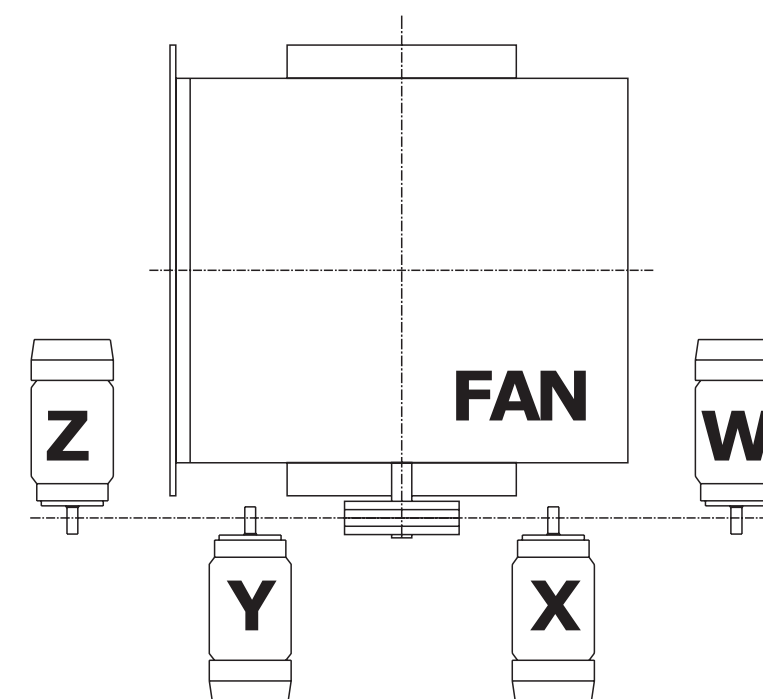


Fig.3 – Motor Position / 圖表.3 – 馬達位置

## Motor Selection

### 馬達選用

The power curve shown on each Performance curve represents the Absorbed power at the shaft of the fan measured in kW.

To determine the power of the motor to be installed, a correction Factors as shown in fig. 4 should be applied to compensate for transmission losses.

For conversion to horsepower (HP), use multiplying factor 1.34.

在每一個性能曲線上所表示的功率曲線均表示風機軸上的吸收功率，且單位以kw表示。

確認所配置的馬達功率時，應參照使用圖表4的修正係數，以彌補因皮帶輪傳動而造成的傳動損失。

若欲將單位千瓦（kw）換算為馬力（HP），需乘上換算係數1.34。





BAZ Series

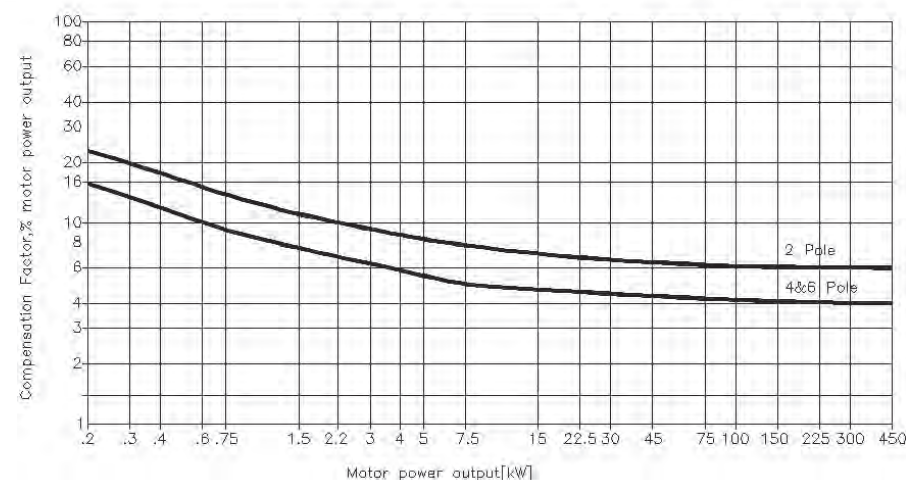


Fig.4-Recommended for motor compensation

圖表.4 - 馬達傳動損失修正系數表

## Dynamic Pressure

### 動 壓

The dynamic pressure and outlet air velocity shown on each curve are both calculated on the full air discharge area i.e. ducted outlet conditions.

With free outlet conditions the velocity pressure is higher. To determine this value multiply the velocity

Pressure of the ducted outlet obtained from the fan curve by the following correction factor “K”

Fan performances calculated with this correction factors are not licensed by AMCA.

動壓及出口風速兩者均根據出口面積計算的，主要使用於外接風管的系統中。

若當氣流排入大氣壓力時，動壓將會增加，應將這些動壓乘上下列的修正係數K。

計算風機性能所乘上的此修正係數，並不屬於AMCA的認證範圍。

$$[ K = 1.65 ]$$

## Performance

### 性 能

The performance data show on each diagram has been tested and measured in accordance to AMCA Standard 210 – Fig 12 – installation type B (free inlet and ducted outlet condition).

Ratings are referred to the standard air density with the total pressure as function of the air volume, using logarithmic scales.

It is essential that, the same installation type and test standards are used at all times, when comparing fan performances.

在每一張性能圖表中的性能參數都是按照AMCA 210 – Fig 12 – type B標準規範的安裝方式（意指由入風口吸入大氣壓力與外接出口風管的測試條件）進行測試而取得的。

性能參數是在標準空氣密度取得下，以全壓為風量的函數，並使用對數比例表示。

此舉的主要目的是，當在進行風機性能的比較時，能有相同的安裝類型與測試標準。

## Noise

### 噪 音

The noise level shown on each diagram refer to the sound power “A-weighted” and the data on the inlet side has been measured in accordance with AMCA Standard 300 figure 2 – installation Type “B”.

The noise level of the fan determined as follows :

各性能曲線上所表示的噪音級別均是指“A加權”的聲功率級，其數據是根據AMCA 300 – Fig 2 – type B標準規範的安裝方式在入口側進行測試。風機的噪音級別計算如下：

■ Inlet Sound power level (“A” scale) : LwiA as catalogue

入口聲功率級別 (“A”加權) : LwiA如性能曲線所示

■ Inlet Octave band spectrum : LwiA as catalogue

入口倍頻頻譜 : LwiA 如性能曲線所示

■ Sound pressure level聲壓級別 :

Free field自由環境 :  $L_p(A) = L_{wiA} - (20 \log_{10} d) - 11$

Room conditions室內環境 :  $L_p(A) = L_{wiA} - (20 \log_{10} d) - 7$

Where d : distance between the fan and the microphone in m .

上式中d=量測點與風機的距離。(單位：m)





### 建議最小應選用的傳動皮帶輪尺寸

	Size 型號	710		800		900		1000	
		H	V	H	V	H	V	H	V
Rating power 馬達 等級 (kw)	11								
	15	224		200					
	18.5	250		250		160			
	22	315	180	280	180	180		180	
	30		224		212	250	212	236	212
	37		250		250		224	315	224
	45						224		224
	55						250		250
	75						280		280

## BAZ系列風機運轉極限

			355	400	450	500	560	630	710	800	900	1000	1120	1250	1400	1600	1800	2000
Maximum Absorbed Power 最大吸收功率	L-M	kW	3.75	5.63	7.5	11.25	15	15										
	H	kW	11.25	18.75	18.75	25	30	37.5	22.5	30	30	45	56.25	75	93.75	112.5	187.5	187.5
	V	kW	22.5	30	37.5	45	75	93.75	45	56.25	75	93.75	131.25	187.5	187.5	225	300	375
	X	kW							93.75	131.25	150	187.5	262.5	337.5	412.5	525	675	825
Maximum Fan Speed 最高風機轉速	L-M	rpm	3000	2700	2400	2150	2000	1600										
	H	rpm	4000	3800	3300	3000	2500	2200	1600	1350	1200	1100	1000	900	800	700	650	550
	V	rpm	5300	4700	4200	3700	3400	3000	2000	1800	1550	1400	1300	1200	1000	900	800	700
	X	rpm							2600	2300	2050	1850	1700	1500	1350	1150	1050	950
Air Temperature大氣溫度 Min最低：-20° C	L-M	Max.°C	85	85	85	85	85	85										
	H-V	Max.°C	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Wheel 葉輪		mm	355	400	450	500	560	630	710	800	900	1000	1120	1250	1400	1600	1800	2000
		Weight重量	10.18	14.22	17.84	25.19	41.34	49.01	65.34	80.15	106.2	133.7	189.7	228.1	355.1	445.6	600.8	714.2
		轉動慣量 J=PD <sup>2</sup> /4	0.063	0.093	0.130	0.321	0.569	0.903	1.574	3.241	4.863	8.234	12.82	21.51	33.43	59.51	89.14	174.0
Fan weight 風機重量	L	kg	39	45	62													
	M	kg	43	52	69	88	110	127										
	H	kg	56	71	81	102	132	162	226	291	371	449	790	1057	1430	1936	2620	3545
	V	kg	72	97	96	120	152	188	264	334	404	486	827	1086	1463	1970	2653	3573

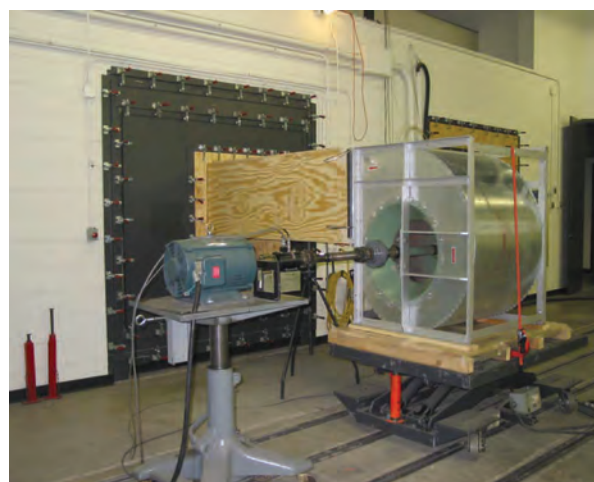
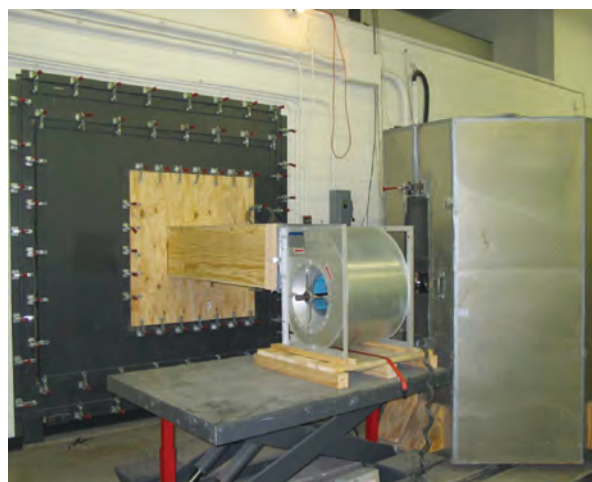


## BAZ Series Air and Sound Test In Laboratory

### 雙吸翼截式離心風機性能及噪音在實驗室測試照片



BAZ 355 Test In Laboratory  
BAZ 355 在實驗室測試照片



BAZ630 Test In Laboratory  
BAZ630 在實驗室測試照片



## Examples of selection

### 選擇範例

#### BAZ355

WHEEL : 355 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 500 x 355 mm (WxH, inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 0.3500 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	L-M	H	V
M. kw	3.75	11.25	22.5
M. RPM	3000	4000	5000

RPM	Ps	15	25	35	45	55	65	75	85	95	105
1400	Q	86.97	70.16	31.40							
	Pw	0.42	0.42	0.31							
	Pt	19.51	28.12	36.06							
	V	8.17	6.59	2.95							
	LwiA	74	71	71							
1600	Q	105.99	90.64	76.67	42.50						
	Pw	0.62	0.62	0.62	0.49						
	Pt	21.64	30.49	38.90	46.60						
	V	9.95	8.51	7.20	3.99						
	LwiA	79	76	75	75						
1800	Q	123.78	111.41	97.66	85.37	58.55					
	Pw	0.88	0.89	0.88	0.88	0.77					
	Pt	24.41	32.52	41.35	49.84	57.72					
	V	11.62	10.46	9.17	8.02	5.50					
	LwiA	82	81	79	78	78					
2000	Q	140.89	130.20	119.04	106.58	95.84	76.07				
	Pw	1.18	1.22	1.21	1.21	1.21	1.12				
	Pt	26.44	35.48	43.55	52.49	60.77	68.97				
	V	13.23	12.23	11.18	10.01	9.00	7.14				
	LwiA	85	84	83	82	81	80				
2200	Q	157.09	149.27	138.18	127.79	117.24	106.50	91.79	58.44		
	Pw	1.55	1.61	1.62	1.61	1.61	1.60	1.55	1.28		
	Pt	29.43	38.09	46.97	55.17	63.51	72.63	80.53	88.10		
	V	14.75	14.02	12.98	12.00	11.01	10.00	8.62	5.49		
	LwiA	88	87	87	85	84	84	82	85		
2400	Q	173.10	166.76	157.89	148.27	138.26	128.48	119.04	107.94	87.43	32.61
	Pw	2.00	2.06	2.10	2.10	2.09	2.09	2.08	2.06	2.00	1.25
	Pt	32.74	41.12	49.65	58.06	66.64	75.04	83.78	92.79	100.28	106.93
	V	16.25	15.66	14.83	13.92	12.98	12.06	11.18	10.13	8.21	3.06
	LwiA	90	90	89	89	88	87	86	85	86	86

Air Volume (Q) : cmm  
風量

Outlet Velocity (V) : m/s  
出口風速

Total Pressure Efficiency ( $\eta$ ) : %  
全壓效率

Static Pressure (Ps) : mmAq  
靜壓

Fan Speed (N) : rpm  
風機轉數

Sound Power (LwiA) : dB  
聲功率

Total Pressure (Pt) : mmAq  
全壓

Absorbed Power (Pw) : kw  
吸收功率

#### Examples NO. 1 : (範例1)

For the above chart is part of BAZ355, when Ps is 25 (mmAq), Q is 130 (cmm), we can find the R.P.M is 2000 (rpm), and 1.22 (kw), For other data, please see step1~step4.

上圖表是BAZ355的一部份，當靜壓在25 (mmAq)，風量在130 (cmm)時，可查到轉數約2000 (rpm)，所需的軸功率約1.22 (kw)，以及其他資料數據。請看步驟1~步驟4。

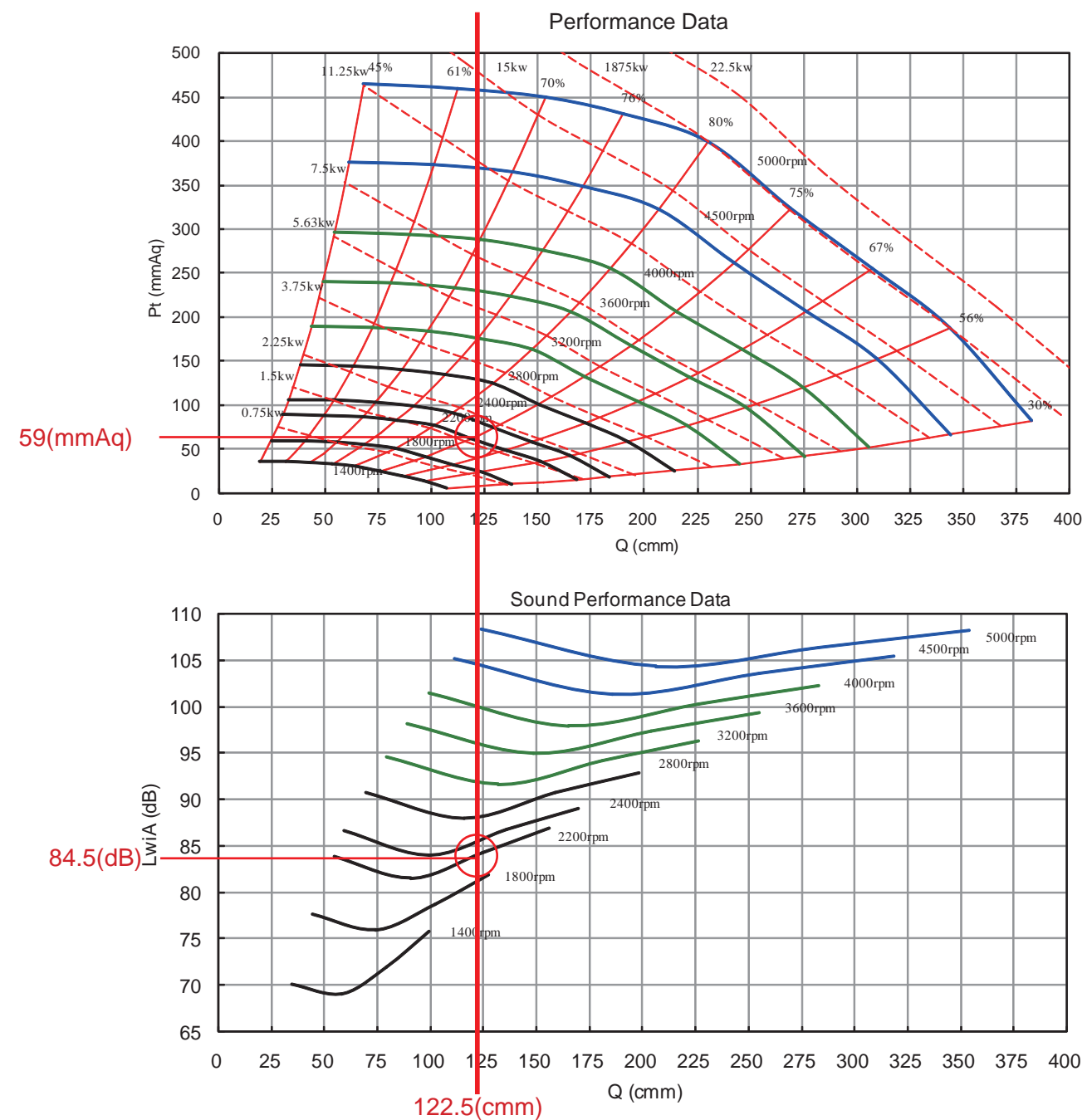




## Examples NO. 2 : (範例2)

When the data fall between two parameter on the performance, we can use interpolate to calculate the information we need, ex: when Ps is 50 (mmAq), Q is 122.5 (cmm), because Ps between the 45~55 (mmAq), we can find R.P.M is 2200 (rpm), then use interpolate to calculate horsepower is about 1.61 (kw), total Pressure is about 59 (mmAq). please see step 5~ step7 for above.

當數據介於性能表上兩個參數值之間時，可利用該表使用插入法算出所需資訊，或可藉由曲線圖的讀取判斷得知。例如當靜壓在50 (mmAq)，風量在122.5 (cmm) 時，因介於靜壓45~55 (mmAq) 中，可查到轉數約2200 (rpm)，並用插入法算出所需的軸功率約1.61 (kw)，全壓約為59 (mmAq)。請看步驟5~步驟7 和下圖。



註1：全壓 (Total Pressure, Pt) = 靜壓 (Static Pressure, Ps) + 動壓 (Dynamic Pressure, Pd)

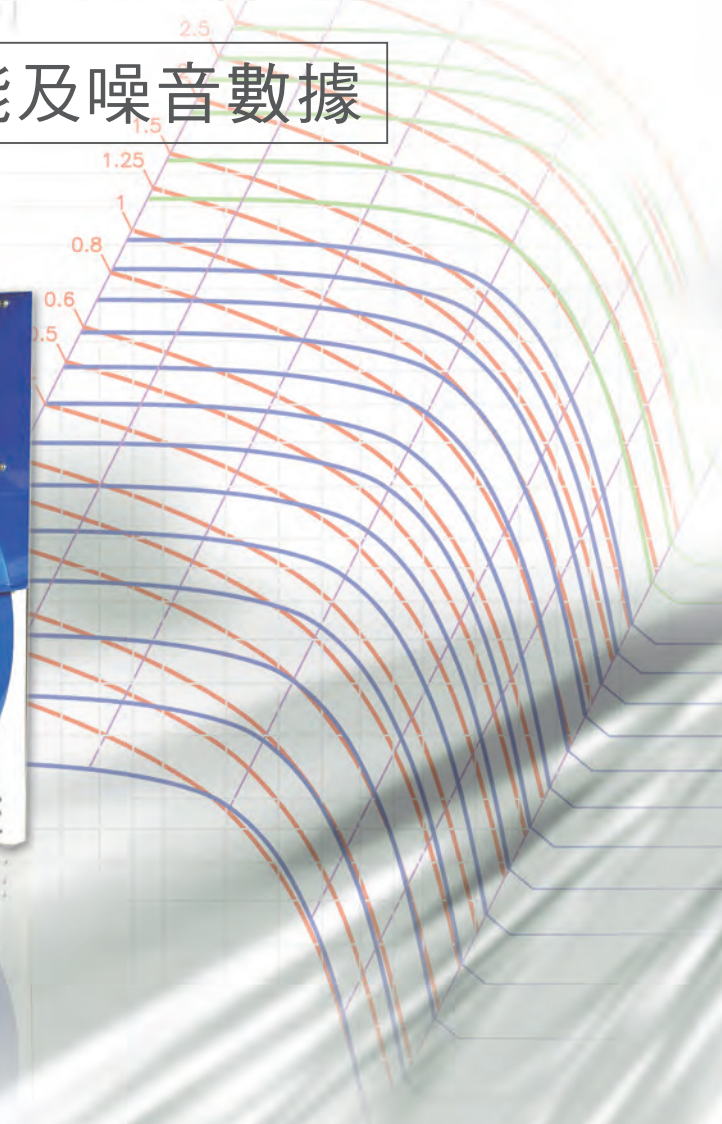
註2：動壓Pd (mmAq) = [ 風量Q (cmm) / ( 4.03 × 出口面積平方Outlet Area<sup>2</sup> (m<sup>2</sup>) × 60 ) ]<sup>2</sup>



**BAZ** Flowtech®  
Series  
DOUBLE INLET CENTRIFUGAL FAN

雙吸翼截式離心風機 with Airfoil Wheels

Performance  
Data 性能及噪音數據







## BAZ355

WHEEL : 355 mm  
葉輪尺寸  
空氣密度 :  $\rho=1.2 \text{ kg/m}^3$

OUTLET : 500 x 355 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 0.1775 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	L-M	H	V
M. kw	3.75	11.25	22.5
M. RPM	3000	4000	5000

RPM	Ps	15	25	35	45	55	65	75	85	95	105
1400	Q	86.97	70.16	31.40							
	Pw	0.42	0.42	0.31							
	Pt	19.51	28.12	36.06							
	V	8.17	6.59	2.95							
	LwiA	74	71	71							
1600	Q	105.99	90.64	76.67	42.50						
	Pw	0.62	0.62	0.62	0.49						
	Pt	21.64	30.49	38.90	46.60						
	V	9.95	8.51	7.20	3.99						
	LwiA	79	76	75	75						
1800	Q	123.78	111.41	97.66	85.37	58.55					
	Pw	0.88	0.89	0.88	0.88	0.77					
	Pt	24.41	32.52	41.35	49.84	57.72					
	V	11.62	10.46	9.17	8.02	5.50					
	LwiA	82	81	79	78	78					
2000	Q	140.89	130.20	119.04	106.58	95.84	76.07				
	Pw	1.18	1.22	1.21	1.21	1.21	1.12				
	Pt	26.44	35.48	43.55	52.49	60.77	68.97				
	V	13.23	12.23	11.18	10.01	9.00	7.14				
	LwiA	85	84	83	82	81	80				
2200	Q	157.09	149.27	138.18	127.79	117.24	106.50	91.79	58.44		
	Pw	1.55	1.61	1.62	1.61	1.61	1.60	1.55	1.28		
	Pt	29.43	38.09	46.97	55.17	63.51	72.63	80.53	88.10		
	V	14.75	14.02	12.98	12.00	11.01	10.00	8.62	5.49		
	LwiA	88	87	87	85	84	84	82	85		
2400	Q	173.10	166.76	157.89	148.27	138.26	128.48	119.04	107.94	87.43	32.61
	Pw	2.00	2.06	2.10	2.10	2.09	2.09	2.08	2.06	2.00	1.25
	Pt	32.74	41.12	49.65	58.06	66.64	75.04	83.78	92.79	100.28	106.93
	V	16.25	15.66	14.83	13.92	12.98	12.06	11.18	10.13	8.21	3.06
	LwiA	90	90	89	89	88	87	86	85	86	86

RPM	Ps	65	85	105	120	140	185	235	290	365	450
2800	Q	170.01	152.92	136.22	118.99	65.70					
	Pw	3.33	3.32	3.30	3.21	2.46					
	Pt	82.02	99.06	116.90	129.47	143.87					
	V	15.96	14.36	12.79	11.17	6.17					
	LwiA	92	91	90	89	92					
3200	Q	208.74	194.28	179.29	168.25	153.97	61.19				
	Pw	4.97	4.97	4.96	4.94	4.92	3.36				
	Pt	90.34	107.15	124.23	137.19	154.81	189.04				
	V	19.60	18.24	16.84	15.80	14.46	5.75				
	LwiA	97	96	95	94	94	95				
3600	Q	245.87	233.09	220.28	210.29	196.97	168.25	62.62			
	Pw	7.02	7.07	7.07	7.07	7.05	6.98	4.61			
	Pt	99.86	116.63	133.41	146.22	163.30	202.81	239.67			
	V	23.09	21.89	20.68	19.75	18.49	15.80	5.88			
	LwiA	100	100	99	98	98	97	98			
4000	Q	279.84	270.45	258.95	250.33	238.54	211.74	182.42	70.38		
	Pw	9.47	9.63	9.70	9.70	9.70	9.66	9.54	6.34		
	Pt	110.01	127.27	144.04	156.61	173.56	212.15	256.09	295.83		
	V	26.28	25.39	24.31	23.51	22.40	19.88	17.13	6.61		
	LwiA	103	103	103	102	102	100	99	102		
4500	Q	320.95	313.85	305.58	297.91	287.69	264.19	237.77	209.84	90.94	
	Pw	13.27	13.51	13.71	13.79	13.82	13.80	13.75	13.64	9.55	
	Pt	124.05	141.64	158.92	171.49	188.25	226.34	269.26	317.72	373.42	
	V	30.14	29.47	28.69	27.97	27.01	24.81	22.33	19.70	8.54	
	LwiA	106	106	106	106	106	105	104	103	106	
5000	Q	361.48	355.09	348.71	343.92	334.76	314.06	290.38	264.24	229.97	104.26
	Pw	17.98	18.28	18.54	18.78	18.88	18.97	18.93	18.87	18.69	13.27
	Pt	139.73	157.33	174.92	188.11	204.89	242.61	285.07	332.31	398.40	460.72
	V	33.94	33.34	32.74	32.29	31.43	29.49	27.27	24.81	21.59	9.79
	LwiA	109	109	109	109	108	107	107	106	109	

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

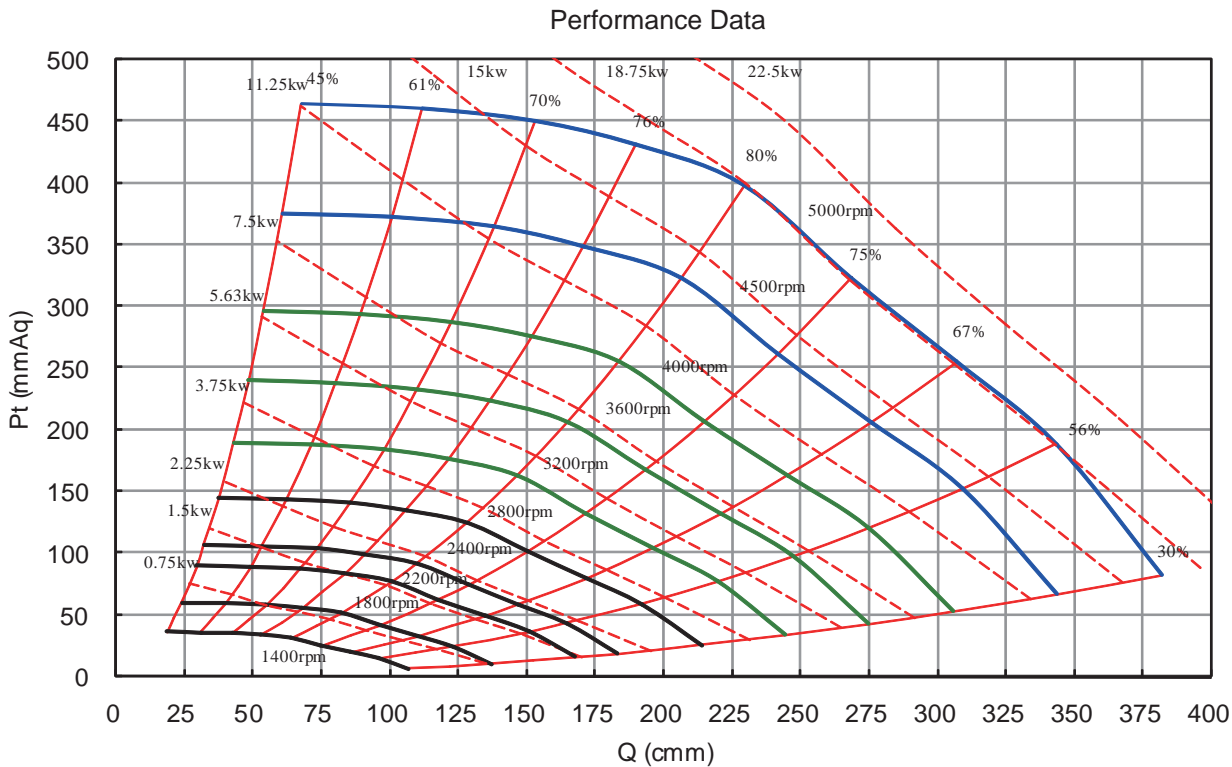
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

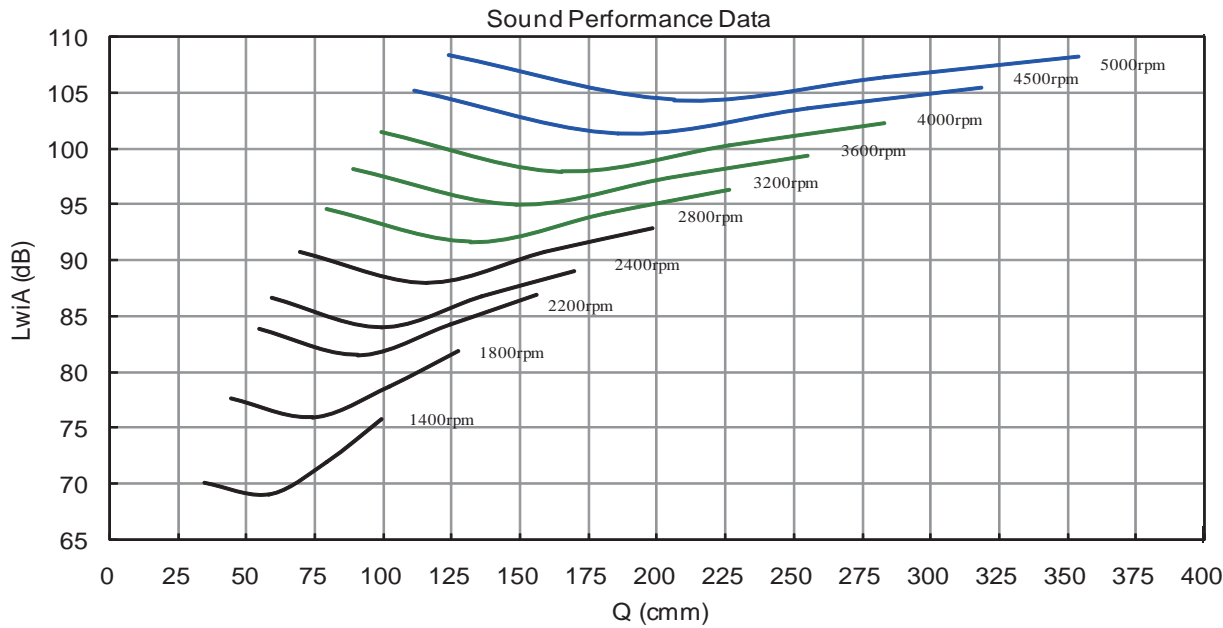
## BAZ355



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ400

WHEEL : 400 mm  
葉輪尺寸  
空氣密度 :  $\rho=1.2 \text{ kg/m}^3$

OUTLET : 560 × 400 mm (WxH,inside 寬×高)  
風機出口尺寸  
OUTLET AREA : 0.2440 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	L-M	H	V
M. kw	5.63	18.75	30
M. RPM	2700	3800	4700

RPM	Ps	15	25	35	50	65	80	100	120	140	165
1300	Q	116.39	97.50	75.86							
	Pw	0.64	0.64	0.62							
	Pt	18.84	27.70	36.64							
	V	7.95	6.66	5.18							
	LwIA	77	74	72							
1500	Q	141.28	126.93	109.80	75.27						
	Pw	0.97	1.00	0.99	0.90						
	Pt	20.67	29.56	38.42	51.62						
	V	9.65	8.67	7.50	5.14						
	LwIA	81	79	77	77						
1700	Q	165.26	153.00	139.42	117.39	81.64					
	Pw	1.39	1.43	1.44	1.43	1.28					
	Pt	22.75	31.65	40.52	53.92	68.92					
	V	11.29	10.45	9.52	8.02	5.58					
	LwIA	85	84	82	80	81					
1900	Q	188.29	177.92	166.80	147.20	128.03	96.28				
	Pw	1.91	1.97	2.01	2.00	2.00	1.93				
	Pt	25.06	33.99	42.89	56.15	69.66	82.65				
	V	12.86	12.15	11.39	10.05	8.75	6.58				
	LwIA	88	87	86	84	83	84				
2300	Q	233.46	225.53	216.88	203.10	187.57	170.71	150.08	106.90		
	Pw	3.32	3.42	3.49	3.57	3.57	3.53	3.54	3.13		
	Pt	30.47	39.43	48.36	61.70	74.99	88.26	106.38	123.28		
	V	15.95	15.41	14.81	13.87	12.81	11.66	10.25	7.30		
	LwIA	92	93	92	91	90	89	88	90		
2700	Q	277.89	271.14	264.39	253.21	241.48	229.44	210.11	191.83	174.25	126.59
	Pw	5.31	5.43	5.54	5.66	5.75	5.81	5.74	5.72	5.73	5.08
	Pt	36.91	45.87	54.83	68.21	81.56	94.89	112.53	130.46	148.59	169.61
	V	18.98	18.52	18.06	17.30	16.49	15.67	14.35	13.10	11.90	8.85
	LwIA	98	97	97	96	96	95	94	93	92	95

RPM	Ps	80	120	165	205	260	325	380	410	460	505
3000	Q	268.48	238.46	199.82	137.19						
	Pw	7.88	7.89	7.86	6.90						
	Pt	100.47	135.88	176.34	210.40						
	V	18.34	16.15	13.65	9.37						
	LwIA	98	97	95	98						
3400	Q	318.42	293.57	259.65	231.30	163.28					
	Pw	11.31	11.59	11.44	11.44	10.25					
	Pt	108.80	144.39	184.11	220.21	267.68					
	V	21.75	20.05	17.74	15.80	11.15					
	LwIA	102	101	100	99	101					
3800	Q	366.96	344.72	318.43	290.96	256.06	182.02				
	Pw	15.63	15.95	16.18	15.97	14.30					
	Pt	118.17	153.78	193.72	229.01	278.64	334.52				
	V	25.07	23.55	21.75	19.87	17.49	12.43				
	LwIA	105	105	104	103	102	105				
4100	Q	401.79	382.09	358.90	335.35	300.97	263.20	193.15			
	Pw	19.40	19.86	20.25	20.25	20.01	20.07	17.83			
	Pt	125.80	161.47	201.51	236.91	285.70	344.59	380.73			
	V	27.44	26.10	24.52	22.91	20.56	17.98	13.19			
	LwIA	106	107	107	106	105	103	107			
4400	Q	436.21	418.78	397.18	377.97	345.70	309.21	276.96	248.03		
	Pw	23.75	24.38	24.80	25.16	24.88	24.77	24.64	23.76		
	Pt	134.01	169.78	209.81	245.39	293.94	352.20	401.75	427.52		
	V	29.80	28.61	27.13	25.82	23.61	21.12	18.92	16.94		
	LwIA	109	109	109	108	107	106	105	108		
4700	Q	470.33	454.82	434.72	416.74	389.64	353.54	325.66	310.51	272.00	211.79
	Pw	28.71	29.53	29.99	30.38	30.56	30.15	30.20	30.23	29.20	26.35
	Pt	142.80	178.65	218.70	264.28	303.04	360.38	410.17	437.38	481.09	517.87
	V	32.13	31.07	29.69	28.47	26.81	24.15	22.24	21.21	18.58	14.47
	LwIA	111	111	111	110	110	109	108	108	109	111

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwIA : dB  
A加權聲功率

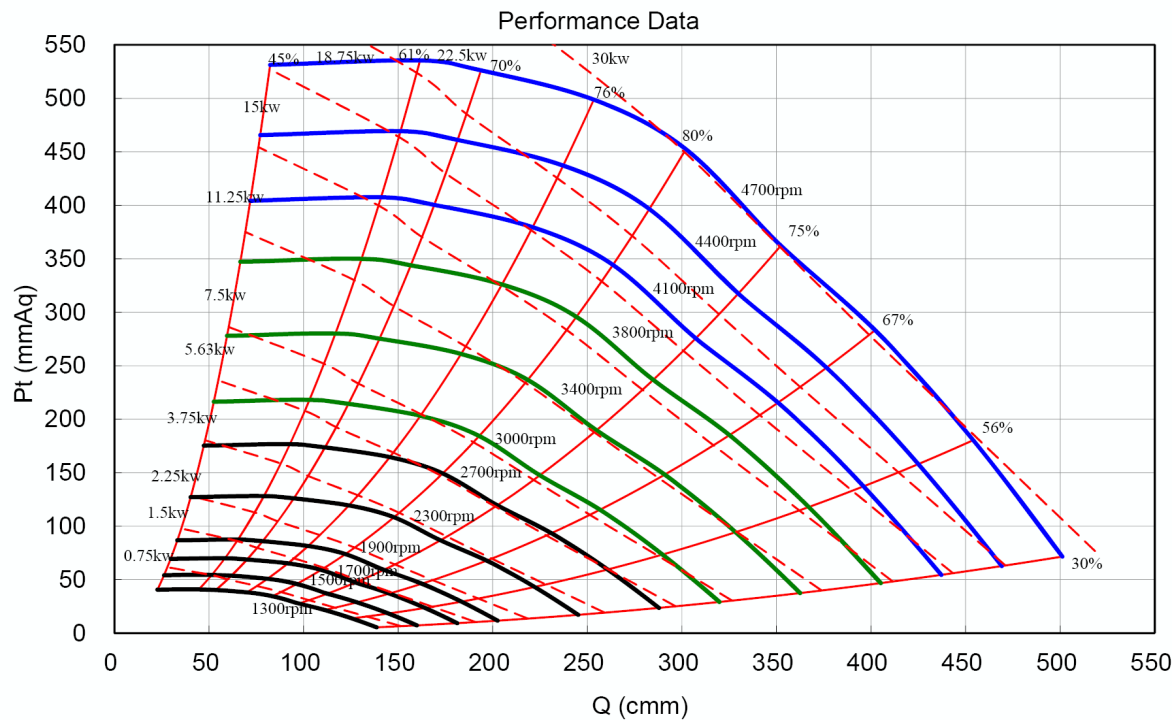
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwIA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

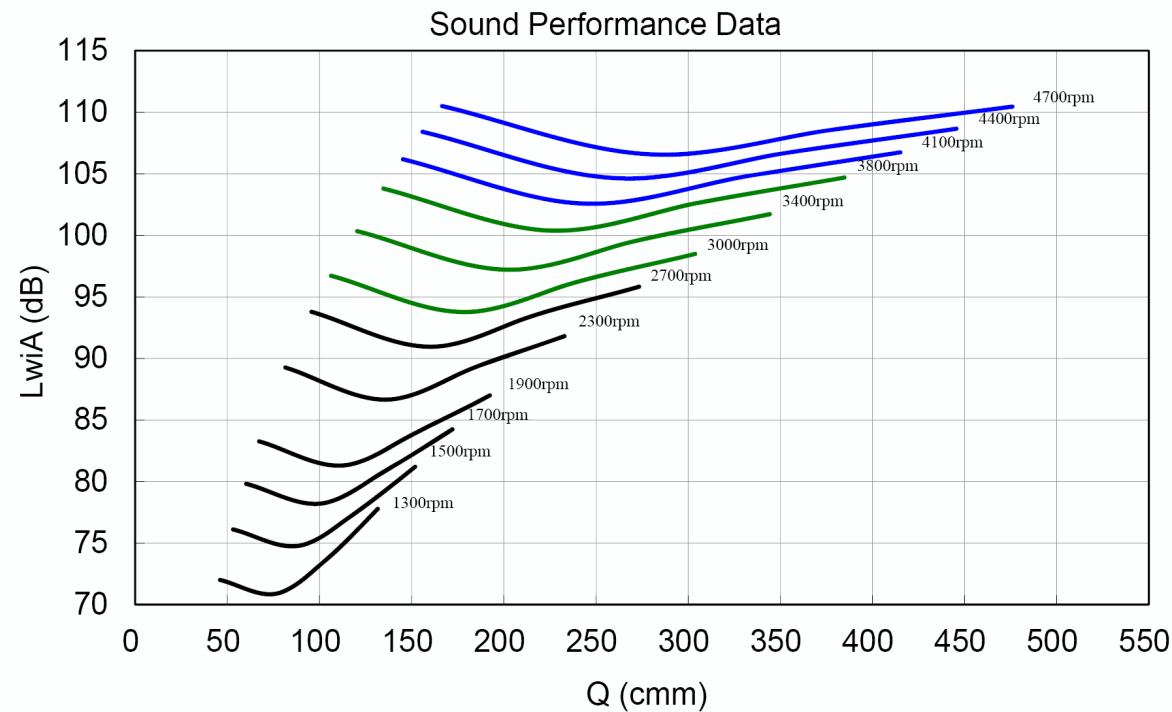
所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwIA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ400



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwIA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwIA）。所示A加權聲音性能額定值已按AMCA International標準301計算。



## BAZ450

WHEEL : 450 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 640 × 450 mm (WxH,inside 寬×高)  
風機出口尺寸  
OUTLET AREA : 0.2880 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	L-M	H	V
M. kw	7.5	18.75	37.5
M. RPM	2400	3300	4200

RPM	Ps	15	25	35	50	70	80	100	130	150	165
1100	Q	139.11	111.96	46.62							
	Pw	0.66	0.66	0.47							
	Pt	19.38	28.00	35.83							
	V	8.05	6.48	2.70							
	LwiA	75	72	71							
1400	Q	196.31	175.58	153.90	113.78						
	Pw	1.35	1.36	1.36	1.29						
	Pt	23.59	31.98	40.52	53.34						
	V	11.36	10.16	8.91	6.58						
	LwiA	83	81	79	77						
1700	Q	246.85	233.55	216.40	189.75	151.49					
	Pw	2.35	2.43	2.44	2.43	2.37					
	Pt	28.53	37.22	45.60	58.37	75.73					
	V	14.29	13.52	12.52	10.98	8.77					
	LwiA	88	88	87	85	83					
2000	Q	296.24	286.12	274.19	252.32	222.02	207.40	168.75			
	Pw	3.74	3.87	3.95	3.97	3.96	3.95	3.79			
	Pt	34.42	43.22	51.84	64.42	81.47	90.23	107.26			
	V	17.14	16.56	15.87	14.60	12.85	12.00	9.77			
	LwiA	92	92	92	91	89	88	87			
2200	Q	328.76	319.56	310.36	291.47	264.53	250.72	223.93	156.23		
	Pw	4.93	5.08	5.20	5.28	5.28	5.27	5.25	4.72		
	Pt	38.88	47.67	56.47	69.14	86.03	94.57	112.00	136.66		
	V	19.03	18.49	17.96	16.87	15.31	14.51	12.96	9.04		
	LwiA	95	95	95	94	93	92	91	91		
2400	Q	361.05	352.62	344.19	329.51	305.22	292.76	267.44	231.02	187.28	116.82
	Pw	6.35	6.52	6.66	6.82	6.85	6.86	6.84	6.78	6.35	5.12
	Pt	43.76	52.55	61.35	74.32	91.08	99.56	116.64	142.97	159.16	169.65
	V	20.89	20.41	19.92	19.07	17.66	16.94	15.48	13.37	10.84	6.76
	LwiA	97	97	97	97	96	95	94	93	93	95

RPM	Ps	100	130	160	200	250	300	340	390	440	500
2700	Q	330.76	297.00	264.76	177.90						
	Pw	9.76	9.74	9.67	8.46						
	Pt	124.94	150.55	176.96	208.92						
	V	19.14	17.19	15.32	10.30						
	LwiA	98	97	96	97						
3000	Q	390.63	360.89	330.50	291.79	188.50					
	Pw	13.39	13.38	13.36	13.26	11.38					
	Pt	134.46	159.83	185.45	220.64	260.18					
	V	22.61	20.88	19.13	16.89	10.91					
	LwiA	102	101	100	99	101					
3300	Q	448.24	421.74	394.49	357.83	313.95	214.10				
	Pw	17.76	17.82	17.81	17.76	17.61	15.35				
	Pt	145.09	170.24	195.70	229.97	274.03	312.99				
	V	25.94	24.41	22.83	20.71	18.17	12.39				
	LwiA	105	104	103	102	101	103				
3500	Q	485.81	460.82	435.75	401.02	358.82	306.17	220.62			
	Pw	21.10	21.26	21.27	21.23	21.13	20.55	18.09			
	Pt	152.74	177.89	203.07	237.23	280.74	323.59	353.93			
	V	28.11	26.67	25.22	23.21	20.76	17.72	12.77			
	LwiA	106	106	105	104	103	102	105			
3800	Q	538.43	518.15	495.14	463.98	424.00	385.53	354.24	264.81		
	Pw	26.69	27.09	27.21	27.21	27.15	27.03	26.81	24.13		
	Pt	164.58	190.21	215.36	249.11	291.81	335.60	370.76	409.30		
	V	31.16	29.99	28.65	26.85	24.54	22.31	20.50	15.32		
	LwiA	109	108	108	107	106	106	105	107		
4200	Q	605.79	591.33	571.87	544.11	508.72	472.54	444.37	409.89	355.81	225.46
	Pw	35.53	36.26	36.58	36.74	36.73	36.67	36.56	36.39	35.12	28.83
	Pt	181.56	207.95	233.36	266.89	309.17	351.86	386.64	430.70	472.24	516.24
	V	35.06	34.22	33.09	31.49	29.44	27.35	25.72	23.72	20.59	13.05
	LwiA	111	111	111	111	110	109	109	108	107	111

Ps : mmAq

Q : cmm

Pw : kw

Pt : mmAq

V : m/s

LwiA : dB

靜壓

風量

軸功率

全壓

風速

A加權聲功率

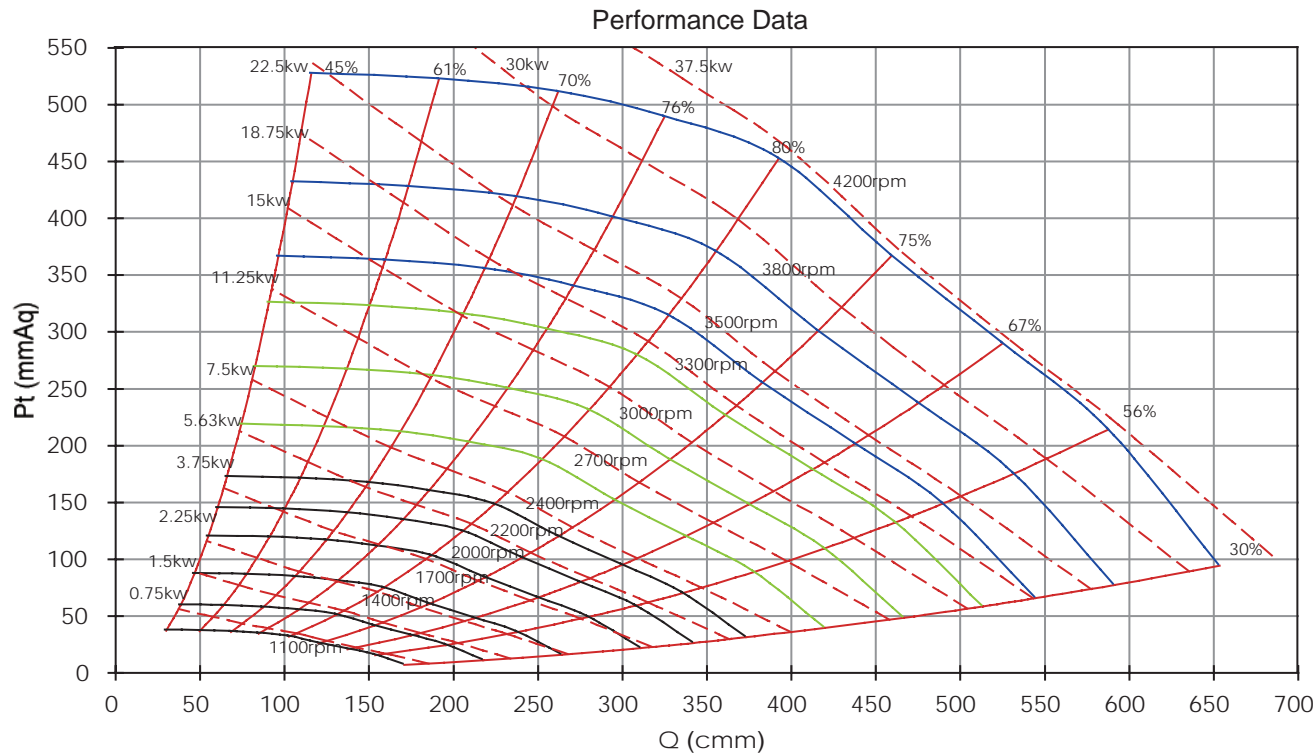
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 (kW) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 (附件) 的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

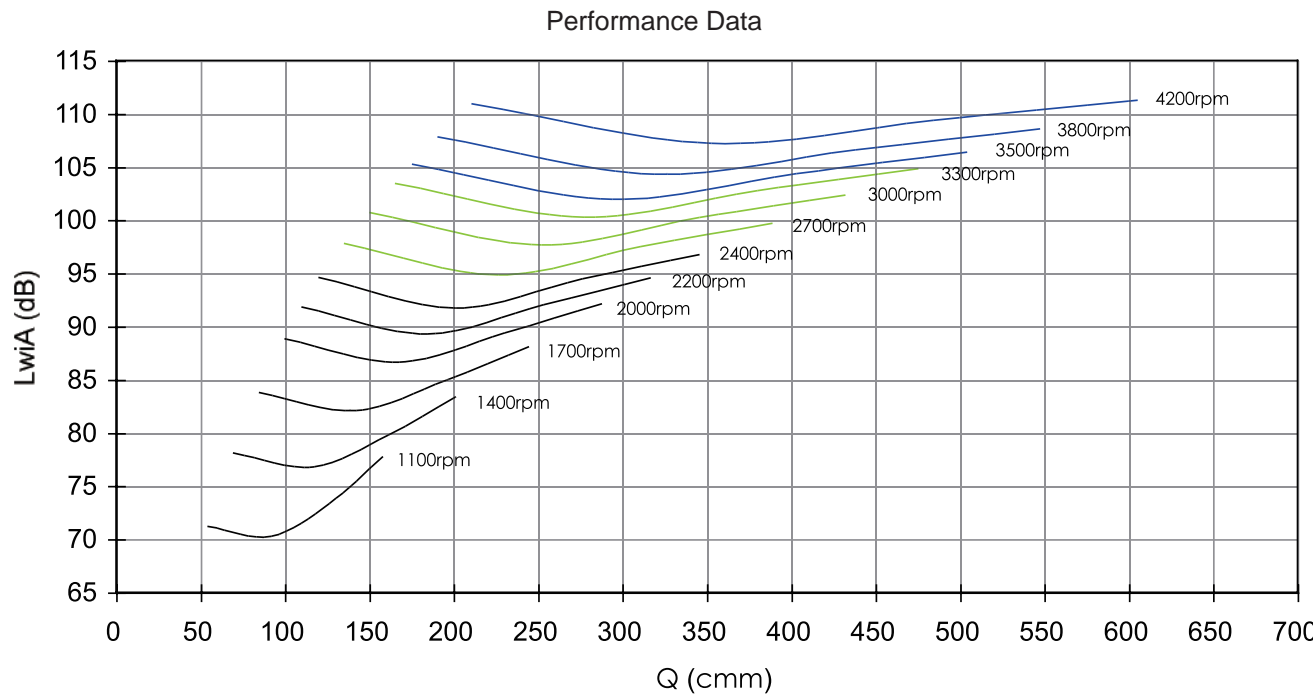
所示值為安裝類型B：自由入口，管道出口的聲功率級 (入口LwiA)。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ450



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 (kW) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 (附件) 的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級 (入口LwiA)。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ500

WHEEL : 500 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 700 × 500 mm (WxH,inside 寬×高)  
風機出口尺寸  
OUTLET AREA : 0.3500 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	M	H	V
M. kw	11.25	30	45
M. RPM	2100	3000	3700

RPM	Ps	25	30	35	50	70	90	110	125	140	150
1000	Q	141.26	121.58	73.52							
	Pw	0.84	0.82	0.66							
	Pt	28.12	32.43	36.13							
	V	6.73	5.79	3.50							
	LwiA	73	71	72							
1300	Q	227.67	214.88	201.89	161.69						
	Pw	1.85	1.85	1.84	1.81						
	Pt	32.69	36.94	41.20	54.26						
	V	10.84	10.23	9.61	7.70						
	LwiA	83	82	81	79						
1500	Q	280.58	269.79	258.99	225.29	171.10					
	Pw	2.83	2.84	2.84	2.83	2.70					
	Pt	36.58	40.77	44.97	57.77	74.92					
	V	13.36	12.85	12.33	10.73	8.15					
	LwiA	88	87	86	84	82					
1700	Q	330.04	322.02	312.49	283.58	244.40	193.56				
	Pw	4.05	4.10	4.12	4.13	4.11	4.00				
	Pt	40.92	45.22	49.41	62.05	79.29	96.30				
	V	15.72	15.33	14.88	13.50	11.64	9.22				
	LwiA	91	91	91	90	87	85				
1900	Q	376.24	370.32	364.12	338.55	303.53	268.81	224.95	152.80		
	Pw	5.57	5.64	5.71	5.76	5.75	5.73	5.55	4.73		
	Pt	45.64	50.04	54.41	66.99	83.95	101.30	118.40	129.61		
	V	17.92	17.63	17.34	16.12	14.45	12.80	10.71	7.28		
	LwiA	94	94	94	93	91	90	89	91		
2100	Q	421.77	416.42	411.06	391.28	360.43	328.27	297.02	274.04	230.53	186.82
	Pw	7.43	7.51	7.59	7.75	7.78	7.76	7.73	7.68	7.28	6.70
	Pt	50.88	55.28	59.68	72.54	89.31	106.39	123.79	137.01	149.04	156.49
	V	20.08	19.83	19.57	18.63	17.16	15.63	14.14	13.05	10.98	8.90
	LwiA	97	97	97	96	95	94	93	92	92	93

RPM	Ps	100	130	160	185	255	315	350	380	430	480
2300	Q	371.22	328.04	275.81	170.29						
	Pw	10.21	10.16	9.88	8.05						
	Pt	120.82	146.78	172.56	191.06						
	V	17.68	15.62	13.13	8.11						
	LwiA	97	96	94	97						
2700	Q	482.26	445.54	408.02	378.12	199.52					
	Pw	16.53	16.52	16.49	16.43	13.00					
	Pt	134.46	159.83	185.45	207.43	263.33					
	V	22.96	21.22	19.43	18.01	9.50					
	LwiA	102	101	100	100	101					
3000	Q	561.17	528.78	495.60	467.46	391.59	220.55				
	Pw	22.57	22.67	22.67	22.64	22.40	17.78				
	Pt	146.34	171.48	196.90	218.25	279.52	325.21				
	V	26.72	25.18	23.60	22.26	18.65	10.50				
	LwiA	106	105	104	103	102	104				
3300	Q	636.71	608.45	579.01	553.96	482.97	424.46	353.48	249.04		
	Pw	29.81	30.13	30.17	30.18	30.05	29.79	27.96	23.99		
	Pt	159.30	184.61	209.75	230.90	291.04	343.91	371.40	392.79		
	V	30.32	28.97	27.57	26.38	23.00	20.21	16.83	11.86		
	LwiA	108	108	107	107	106	104	105	107		
3500	Q	683.32	660.35	632.59	609.45	542.29	486.36	454.18	401.38	250.71	
	Pw	35.17	35.77	36.00	35.99	35.94	35.76	35.56	34.25	27.86	
	Pt	168.21	194.06	219.20	240.16	299.79	352.19	383.03	407.04	443.42	
	V	32.54	31.45	30.12	29.02	25.82	23.16	21.63	19.11	11.94	
	LwiA	110	110	109	109	108	107	106	105	109	
3700	Q	729.51	711.28	685.20	663.32	600.63	546.35	515.91	489.82	414.58	267.77
	Pw	41.25	42.17	42.42	42.54	42.51	42.38	42.26	42.08	40.11	33.09
	Pt	177.64	204.03	229.20	250.16	309.43	360.97	391.81	418.24	459.07	495.21
	V	34.74	33.87	32.63	31.59	28.60	26.02	24.57	23.32	19.74	12.75
	LwiA	111	111	111	111	110	109	108	108	107	111

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

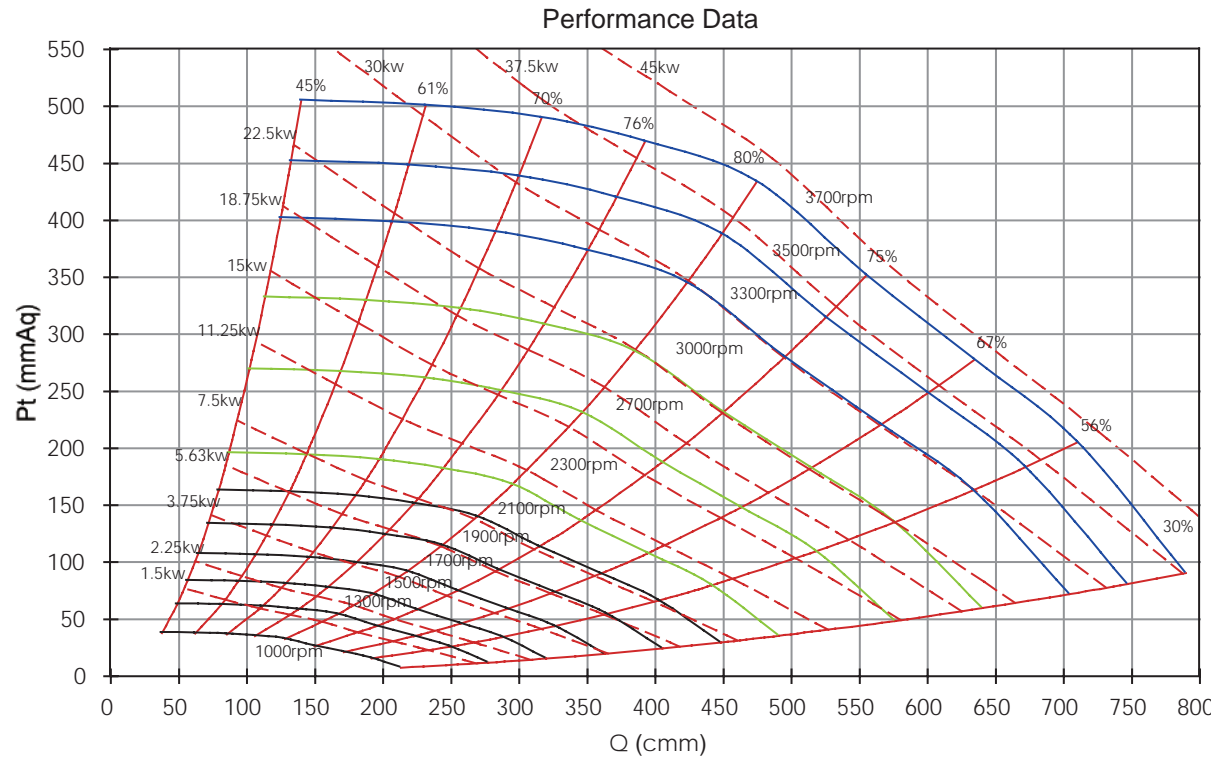
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

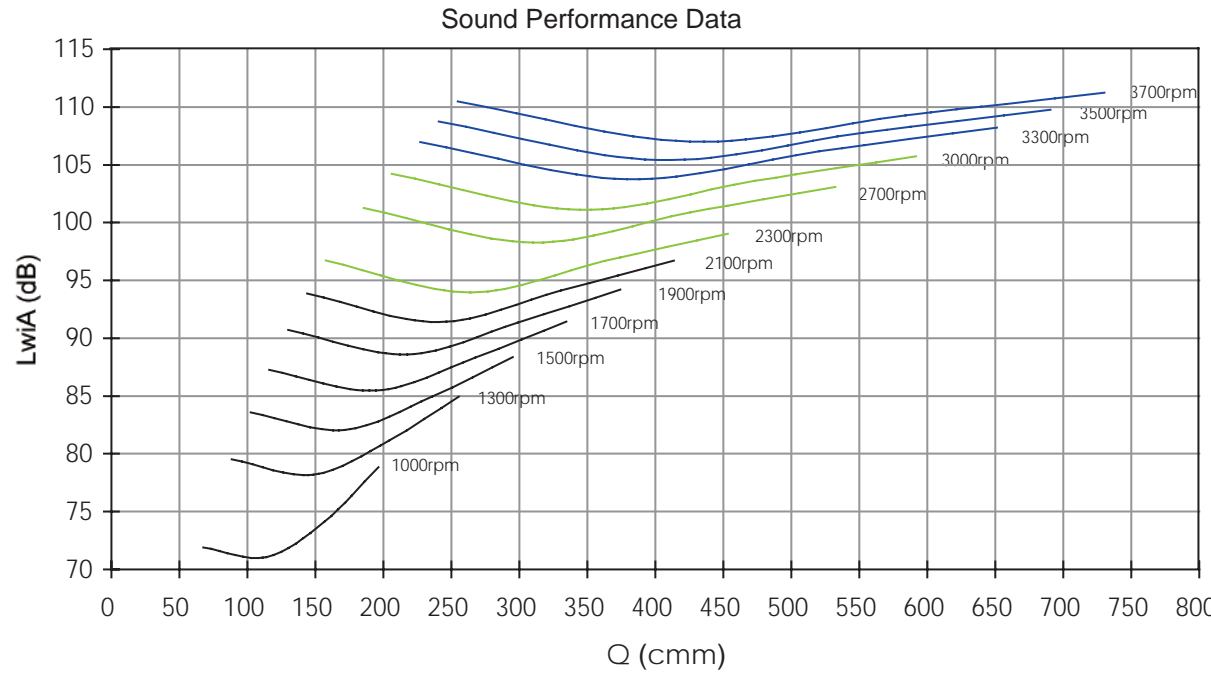
所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ500



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。



## BAZ560

WHEEL : 560 mm  
葉輪尺寸  
空氣密度 :  $\rho=1.2 \text{ kg/m}^3$

OUTLET : 790 × 560 mm ( WxH,inside 寬x高 )  
風機出口尺寸  
OUTLET AREA : 0.4424 m<sup>2</sup> ( inside area )  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	M	H	V
M. kw	15	30	75
M. RPM	2000	2500	3400

RPM	Ps	25	30	35	55	85	110	125	140	155	175
900	Q	180.22	160.20	105.88							
	Pw	1.08	1.06	0.91							
	Pt	28.22	32.62	36.37							
	V	6.79	6.04	3.99							
	LwiA	74	72	73							
1150	Q	281.50	265.24	248.80	157.48						
	Pw	2.25	2.25	2.25	2.02						
	Pt	32.48	36.73	41.00	57.82						
	V	10.61	9.99	9.37	5.93						
	LwiA	83	82	81	79						
1400	Q	373.93	360.97	348.02	294.48	160.14					
	Pw	4.03	4.06	4.07	4.05	3.36					
	Pt	38.03	42.22	46.41	63.44	88.19					
	V	14.09	13.60	13.11	11.09	6.03					
	LwiA	90	89	88	86	85					
1600	Q	440.78	432.91	422.02	376.29	306.90	194.62				
	Pw	5.91	6.00	6.03	6.06	6.02	5.16				
	Pt	43.03	47.43	51.64	68.47	94.46	114.52				
	V	16.61	16.31	15.90	14.18	11.56	7.33				
	LwiA	93	93	93	91	89	89				
1800	Q	505.17	498.17	491.17	453.21	390.99	340.41	294.54	211.76		
	Pw	8.28	8.38	8.47	8.64	8.62	8.56	8.26	7.24		
	Pt	48.62	53.01	57.41	74.33	99.80	121.69	134.20	145.46		
	V	19.03	18.77	18.50	17.07	14.73	12.82	11.10	7.98		
	LwiA	96	96	96	95	93	92	91	93		
2000	Q	568.68	562.38	556.09	526.96	472.13	424.86	397.71	370.67	324.69	212.94
	Pw	11.21	11.34	11.46	11.78	11.84	11.81	11.77	11.71	11.30	9.43
	Pt	54.86	59.26	63.66	80.95	106.18	127.53	140.71	153.93	166.22	180.92
	V	21.42	21.19	20.95	19.85	17.79	16.01	14.98	13.96	12.23	8.02
	LwiA	99	99	99	99	97	96	95	95	94	96

RPM	Ps	110	140	170	200	240	275	310	345	420	500
2200	Q	507.06	455.91	406.76	307.75						
	Pw	15.75	15.70	15.58	14.20						
	Pt	134.59	160.35	186.78	210.67						
	V	19.10	17.18	15.32	11.59						
	LwiA	99	98	97	98						
2350	Q	566.59	518.31	471.26	425.25	264.37					
	Pw	19.22	19.18	19.10	18.96	15.74					
	Pt	140.32	165.94	192.00	218.43	248.79					
	V	21.35	19.53	17.75	16.02	9.96					
	LwiA	102	101	100	99	101					
2500	Q	623.79	579.29	533.91	490.37	412.49	253.25				
	Pw	23.13	23.12	23.07	22.97	22.19	17.95				
	Pt	146.66	172.05	197.67	223.99	258.00	283.67				
	V	23.50	21.82	20.11	18.47	15.54	9.54				
	LwiA	104	103	102	101	100	103				
2800	Q	734.90	696.03	656.39	615.88	563.22	518.17	437.80	283.34		
	Pw	32.35	32.49	32.49	32.44	32.30	32.12	30.56	25.21		
	Pt	160.51	185.66	211.03	236.64	271.39	302.23	330.64	355.86		
	V	27.69	26.22	24.73	23.20	21.22	19.52	16.49	10.67		
	LwiA	107	107	106	105	105	104	103	106		
3100	Q	840.89	807.59	772.49	736.94	688.15	645.87	605.18	564.49	332.98	
	Pw	43.53	43.96	44.09	44.10	44.03	43.94	43.79	43.54	35.28	
	Pt	175.73	201.08	226.23	251.51	285.67	315.76	346.60	377.44	434.40	
	V	31.68	30.42	29.10	27.76	25.92	24.33	22.80	21.27	12.54	
	LwiA	110	110	109	109	108	108	107	106	109	
3400	Q	938.79	916.06	884.05	852.04	808.91	769.98	731.05	693.33	613.82	396.98
	Pw	56.55	57.70	58.02	58.17	58.19	58.12	58.05	57.88	57.41	48.55
	Pt	191.75	218.07	243.22	268.36	302.05	331.94	361.83	392.34	458.43	519.30
	V	35.37	34.51	33.31	32.10	30.47	29.01	27.54	26.12	23.12	14.96
	LwiA	113	113	112	112	111	111	110	110	109	111

Ps : mmAq

靜壓

Q : cmm

風量

Pw : kw

軸功率

Pt : mmAq

全壓

V : m/s

風速

LwiA : dB

A加權聲功率

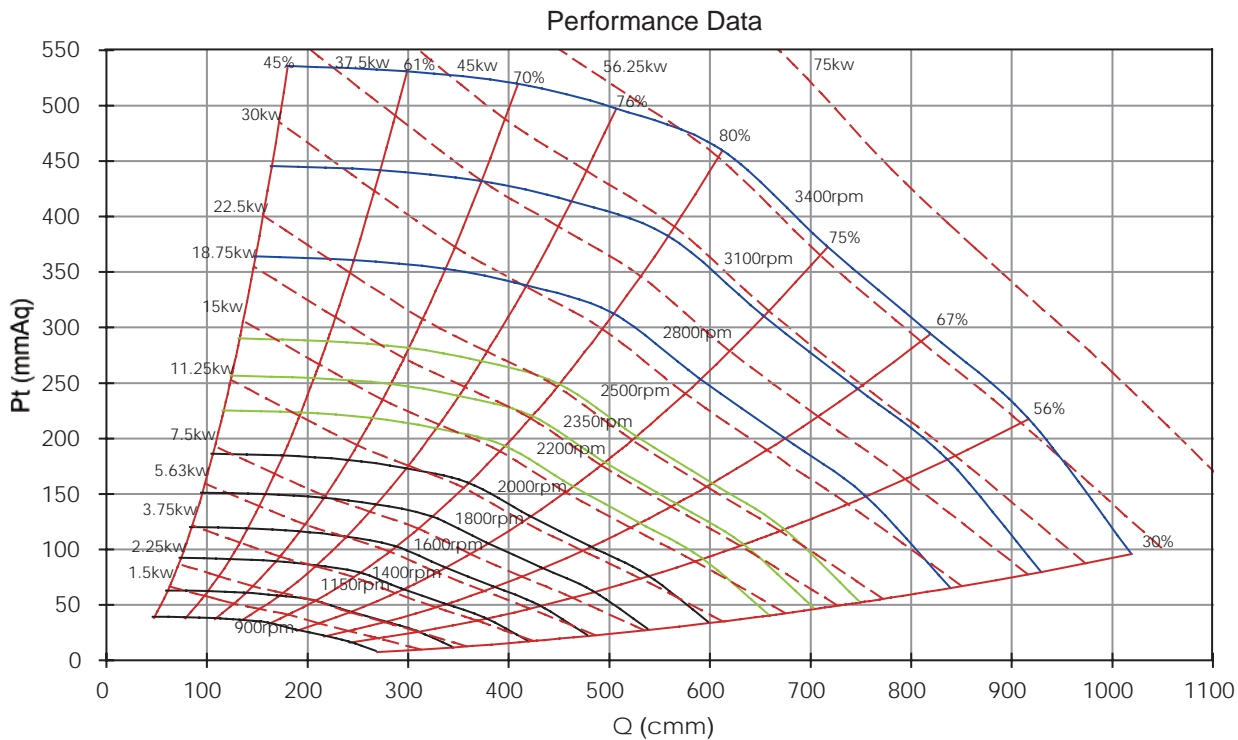
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

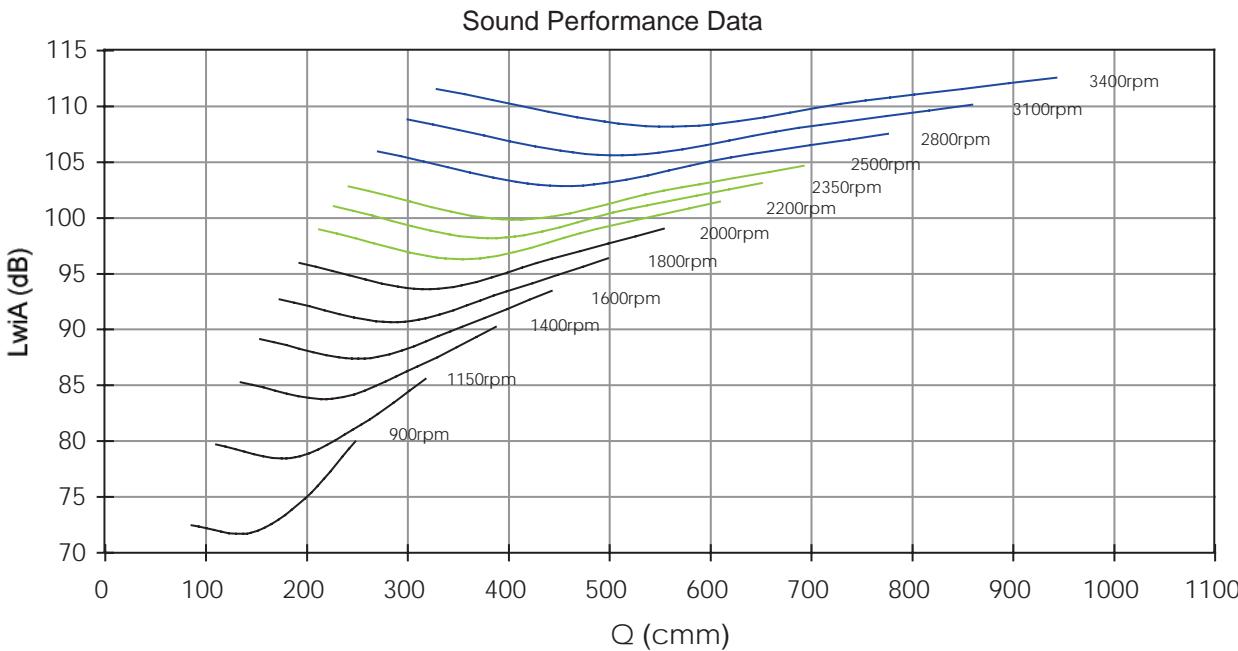
## BAZ560



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ630

## BAZ630

WHEEL : 630 mm  
葉輪尺寸  
空氣密度 :  $\rho=1.2 \text{ kg/m}^3$

OUTLET : 890 x 630 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 0.5607 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	M	H	V
M. kw	15	37.5	93.75
M. RPM	1600	2200	3000

RPM	Ps	30	55	65	80	95	110	120	125	135	145
1100	Q	403.99	292.30	190.47							
	Pw	3.88	3.68	3.03							
	Pt	39.13	60.15	67.62							
	V	12.01	8.69	5.66							
	LwiA	84	81	86							
1200	Q	459.21	368.86	322.39	155.36						
	Pw	5.01	4.94	4.80	3.47						
	Pt	41.74	62.89	71.24	82.11						
	V	13.65	10.96	9.58	4.62						
	LwiA	87	85	83	89						
1300	Q	513.08	433.87	397.69	322.69	139.15					
	Pw	6.35	6.36	6.28	5.89	4.10					
	Pt	44.58	65.75	74.19	86.44	97.09					
	V	15.25	12.90	11.82	9.59	4.14					
	LwiA	89	87	87	85	90					
1400	Q	565.88	494.99	463.41	410.15	332.78	154.18				
	Pw	7.90	7.99	7.93	7.77	7.22	5.17				
	Pt	47.64	68.81	77.28	89.90	101.95	112.49				
	V	16.82	14.71	13.77	12.19	9.89	4.58				
	LwiA	92	91	90	89	89	94				
1500	Q	615.36	552.93	524.86	480.65	427.86	350.70	271.66	196.13		
	Pw	9.63	9.83	9.81	9.72	9.50	8.82	7.84	6.81		
	Pt	50.84	72.10	80.57	93.27	105.85	117.75	125.17	128.29		
	V	18.29	16.44	15.60	14.29	12.72	10.42	8.07	5.83		
	LwiA	94	93	92	92	91	91	95	96		
1600	Q	663.83	608.23	583.90	543.15	501.35	449.81	404.03	374.98	301.89	147.93
	Pw	11.58	11.89	11.94	11.87	11.77	11.50	11.07	10.71	9.70	7.27
	Pt	54.23	75.62	84.08	96.79	109.49	122.03	130.04	133.86	141.29	147.79
	V	19.73	18.08	17.36	16.14	14.90	13.37	12.01	11.15	8.97	4.40
	LwiA	95	95	94	94	93	92	91	93	96	98

RPM	Ps	80	110	145	170	200	255	300	355	420	500
1750	Q	633.65	557.95	434.23	229.27						
	Pw	15.64	15.43	14.37	10.82						
	Pt	102.48	127.90	156.67	174.54						
	V	18.84	16.58	12.91	6.82						
	LwiA	97	96	94	101						
1900	Q	717.27	651.53	563.43	475.97	255.18					
	Pw	19.92	19.90	19.47	18.47	13.99					
	Pt	108.70	134.10	163.62	183.97	205.50					
	V	21.32	19.37	16.75	14.15	7.59					
	LwiA	100	98	98	97	103					
2200	Q	878.76	825.67	759.39	709.15	638.41	416.45				
	Pw	30.72	30.95	30.91	30.69	30.09	25.24				
	Pt	122.66	148.06	177.69	198.87	224.05	266.96				
	V	26.12	24.54	22.57	21.08	18.98	12.38				
	LwiA	104	103	103	102	105					
2500	Q	1029.44	988.17	933.66	893.43	840.38	732.64	605.16	217.55		
	Pw	44.44	45.14	45.44	45.54	45.24	44.24	41.44	27.17		
	Pt	138.30	164.06	193.69	214.85	240.27	286.59	322.85	361.47		
	V	30.60	29.37	27.75	26.56	24.98	21.78	17.99	6.47		
	LwiA	108	108	108	107	107	106	105	111		
2800	Q	1173.92	1143.05	1096.99	1062.23	1020.52	934.72	859.57	748.56	494.38	
	Pw	61.51	62.88	63.48	63.72	64.01	63.51	62.78	60.85	50.43	
	Pt	155.71	181.92	211.74	232.90	258.29	304.88	342.89	388.71	437.40	
	V	34.89	33.98	32.61	31.57	30.33	27.78	25.55	22.25	14.70	
	LwiA	112	112	112	111	111	110	110	109	114	
3000	Q	1269.15	1240.33	1203.19	1170.75	1131.81	1057.08	990.77	901.53	763.37	388.40
	Pw	75.07	76.54	77.86	78.12	78.43	78.57	78.02	76.86	73.20	54.22
	Pt	168.41	194.62	224.90	246.07	271.46	318.03	356.15	402.49	455.74	513.21
	V	37.73	36.87	35.76	34.80	33.64	31.42	29.45	26.80	22.69	11.55
	LwiA	113	114	114	113	113	112	112	111	110	117

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

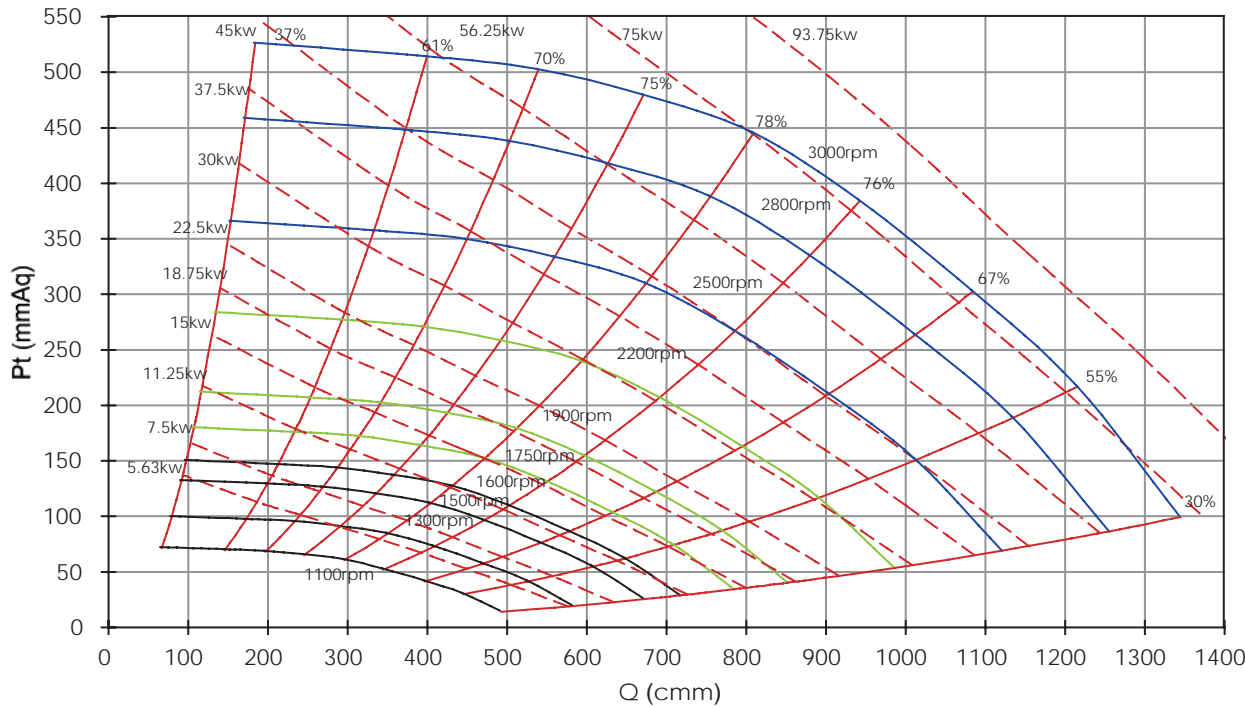
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

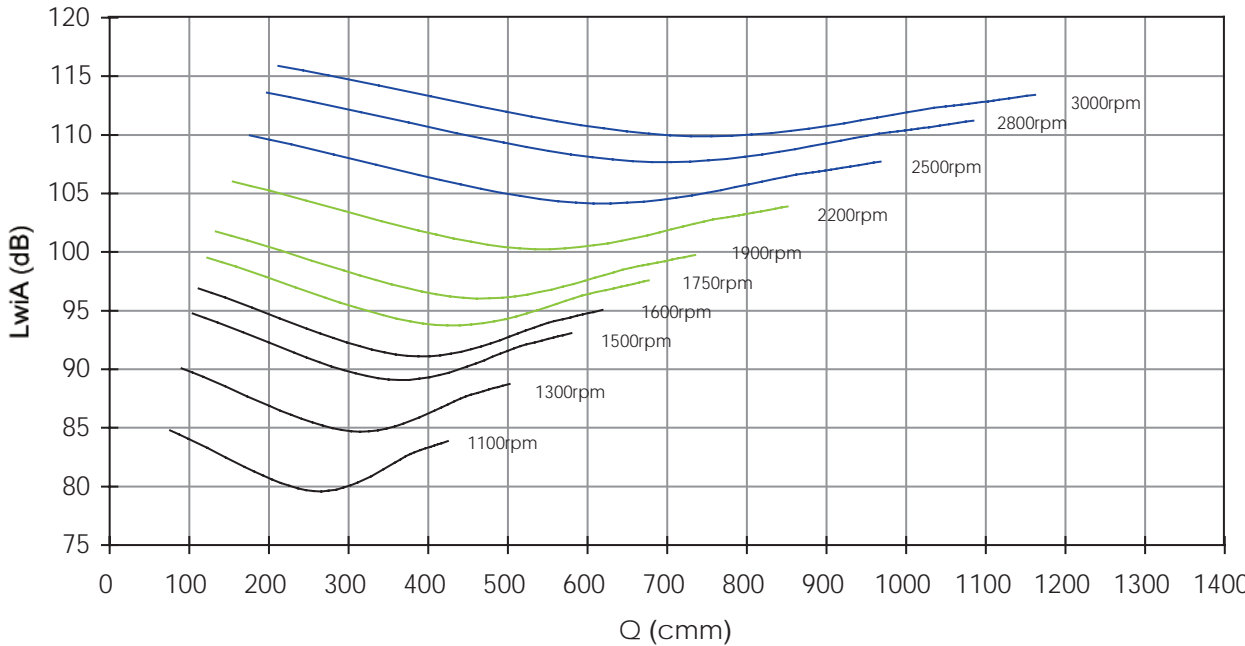
Performance Data



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Sound Performance Data



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ710

WHEEL : 710 mm  
葉輪尺寸  
空氣密度 :  $\rho=1.2 \text{ kg/m}^3$

OUTLET : 1000 x 710 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 0.57100 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	22.5	45	93.75
M. RPM	1600	2000	2600

RPM	Ps	35	40	45	65	90	120	135	150	170	185
800	Q	321.37	264.32	154.89							
	Pw	2.61	2.42	1.90							
	Pt	38.81	42.74	46.25							
	V	7.54	6.20	3.64							
	LwiA	75	76	80							
1000	Q	509.27	484.36	459.45	298.28						
	Pw	5.30	5.27	5.24	4.51						
	Pt	44.05	48.28	52.52	68.64						
	V	11.95	11.37	10.79	7.00						
	LwiA	84	84	83	84						
1150	Q	629.90	610.82	591.24	501.42	290.27					
	Pw	8.02	8.05	8.06	7.89	6.35					
	Pt	48.69	52.93	57.16	74.07	93.72					
	V	14.79	14.34	13.88	11.77	6.81					
	LwiA	89	88	88	87	90					
1300	Q	744.88	728.01	711.13	639.64	533.76	218.66				
	Pw	11.52	11.55	11.58	11.59	11.26	7.71				
	Pt	53.99	58.23	62.46	79.39	100.45	122.89				
	V	17.49	17.09	16.69	15.01	12.53	5.13				
	LwiA	93	93	92	91	90	95				
1450	Q	852.81	841.55	826.42	765.90	682.05	561.03	448.85	225.07		
	Pw	15.79	15.96	16.00	16.14	16.01	15.44	13.98	10.39		
	Pt	59.81	64.17	68.40	85.33	106.51	131.69	143.10	153.35		
	V	20.02	19.75	19.40	17.98	16.01	13.17	10.54	5.28		
	LwiA	96	96	96	95	94	93	95	98		
1600	Q	956.49	946.34	936.19	883.92	813.59	720.17	662.09	594.11	445.16	191.65
	Pw	20.93	21.12	21.31	21.57	21.69	21.41	21.02	20.36	17.87	12.79
	Pt	66.17	70.54	74.90	91.93	113.10	138.51	151.05	163.32	178.38	188.26
	V	22.45	22.21	21.98	20.75	19.10	16.91	15.54	13.95	10.45	4.50
	LwiA	99	99	99	99	98	97	96	95	100	101

RPM	Ps	165	180	195	210	240	280	315	350	410	485
1700	Q	657.56	565.52	454.70	177.57						
	Pw	24.88	23.28	21.08	14.67						
	Pt	181.06	192.51	203.77	213.27						
	V	15.44	13.28	10.67	4.17						
	LwiA	98	99	102	103						
1850	Q	817.40	767.16	716.93	633.35	367.25					
	Pw	32.96	32.51	32.07	30.37	23.78					
	Pt	189.00	201.54	214.08	225.57	246.93					
	V	19.19	18.01	16.83	14.87	8.62					
	LwiA	101	100	100	100	106					
2000	Q	956.27	918.90	876.99	830.52	713.18	403.49				
	Pw	42.08	41.90	41.58	41.09	39.06	30.25				
	Pt	197.36	210.07	222.69	235.24	259.49	288.29				
	V	22.45	21.57	20.59	19.50	16.74	9.47				
	LwiA	104	103	103	103	102	108				
2200	Q	1130.37	1096.40	1062.43	1028.46	953.28	834.02	653.62	259.42		
	Pw	56.45	56.26	56.06	55.87	55.19	53.43	47.89	33.06		
	Pt	209.45	222.16	234.87	247.58	272.85	306.04	332.53	356.07		
	V	26.53	25.74	24.94	24.14	22.38	19.58	15.34	6.09		
	LwiA	107	107	106	106	106	105	108	110		
2400	Q	1291.60	1264.18	1235.96	1204.82	1142.54	1054.45	964.10	836.60	387.58	
	Pw	73.03	73.21	73.30	73.09	72.68	71.87	70.53	66.83	47.76	
	Pt	222.72	235.41	248.11	260.82	286.23	320.01	349.28	377.02	419.50	
	V	30.32	29.68	29.01	28.28	26.82	24.75	22.63	19.64	9.10	
	LwiA	110	110	109	109	109	108	108	107	113	
2600	Q	1447.57	1422.26	1396.95	1371.63	1317.60	1240.95	1173.88	1091.35	909.40	363.41
	Pw	92.48	92.68	92.87	93.06	93.03	92.43	91.90	90.49	85.10	57.75
	Pt	237.13	249.83	262.53	275.23	300.63	334.52	364.17	393.45	441.89	494.82
	V	33.98	33.39	32.79	32.20	30.93	29.13	27.56	25.62	21.35	8.53
	LwiA	113	112	112	112	112	111	111	110	110	116

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

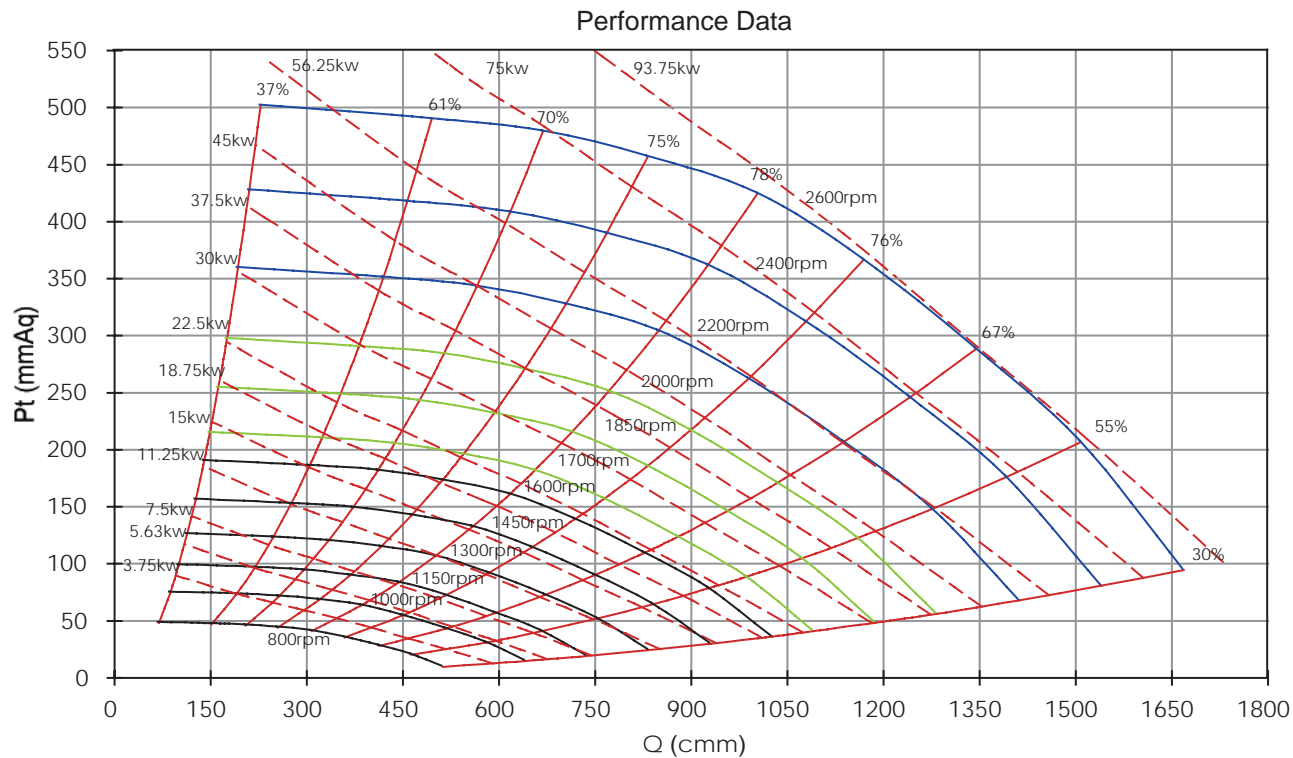
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 (kW) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 (附件) 的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

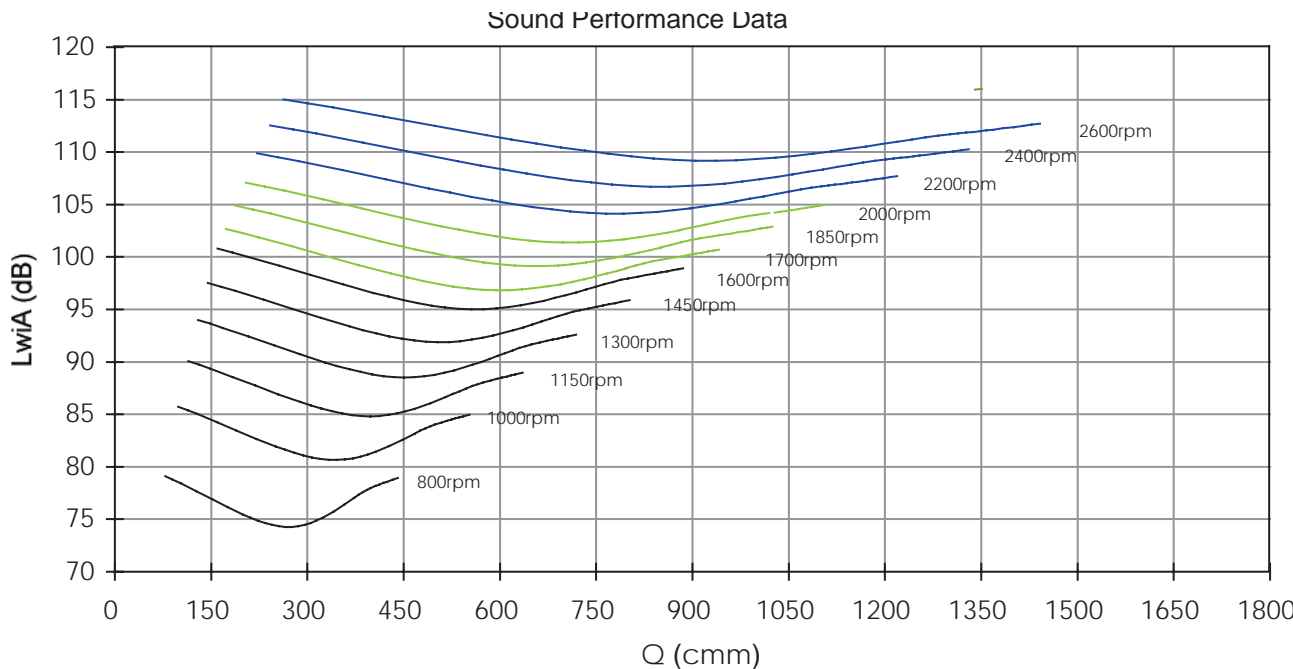
所示值為安裝類型B：自由入口，管道出口的聲功率級 (入口LwiA)。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ710



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 (kW) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 (附件) 的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級 (入口LwiA)。所示A加權聲音性能額定值已按AMCA International標準301計算。



## BAZ800

WHEEL : 800 mm  
葉輪尺寸  
空氣密度 :  $\rho=1.2 \text{ kg/m}^3$

OUTLET : 1130 × 800 mm (WxH,inside 寬×高)  
風機出口尺寸  
OUTLET AREA : 0.9040 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	30	56.25	131.25
M. RPM	1350	1800	2300

RPM	Ps	35	45	55	70	100	120	130	140	150	165
800	Q	536.78	454.80	297.47							
	Pw	4.88	4.73	3.93							
	Pt	41.35	49.74	57.38							
	V	9.90	8.38	5.48							
	LwiA	81	79	83							
900	Q	661.87	599.49	526.79	324.43						
	Pw	7.02	6.94	6.78	5.52						
	Pt	44.45	52.93	61.32	72.89						
	V	12.20	11.05	9.71	5.98						
	LwiA	85	84	83	86						
1050	Q	832.35	785.26	732.82	646.91	227.43					
	Pw	11.07	11.14	11.08	10.88	7.11					
	Pt	49.81	58.27	66.74	79.40	102.18					
	V	15.35	14.48	13.51	11.93	4.19					
	LwiA	90	89	89	88	92					
1150	Q	941.64	898.65	855.66	782.97	594.24	247.38				
	Pw	14.49	14.57	14.65	14.52	13.56	9.31				
	Pt	53.83	62.30	70.76	83.47	108.36	122.60				
	V	17.36	16.57	15.78	14.44	10.96	4.56				
	LwiA	93	92	92	91	89	95				
1250	Q	1045.90	1009.10	969.55	908.10	765.70	628.42	519.77	330.46		
	Pw	18.46	18.63	18.72	18.78	18.34	17.21	15.79	12.93		
	Pt	58.16	66.69	75.16	87.86	113.19	129.43	136.95	143.69		
	V	19.28	18.60	17.88	16.74	14.12	11.59	9.58	6.09		
	LwiA	95	95	95	94	93	91	95	97		
1350	Q	1145.36	1117.25	1080.62	1025.69	904.44	809.58	757.87	678.41	580.78	302.23
	Pw	22.99	23.40	23.50	23.64	23.45	23.00	22.69	21.68	20.21	15.27
	Pt	62.75	71.45	79.92	92.61	118.02	134.84	143.20	150.99	158.54	168.71
	V	21.12	20.60	19.92	18.91	16.67	14.93	13.97	12.51	10.71	5.57
	LwiA	98	98	97	97	96	95	94	94	97	100

RPM	Ps	165	185	205	230	250	290	330	380	430	485
1500	Q	815.48	647.29	298.38							
	Pw	30.79	27.77	20.11							
	Pt	180.43	195.59	209.13							
	V	15.03	11.93	5.50							
	LwiA	97	100	103							
1650	Q	1049.82	965.20	858.76	652.13	277.03					
	Pw	42.53	41.77	40.19	35.47	25.29					
	Pt	189.50	206.23	222.40	241.19	254.32					
	V	19.36	17.80	15.83	12.02	5.11					
	LwiA	102	101	100	105	106					
1800	Q	1245.77	1183.39	1111.76	1014.81	897.26	483.18				
	Pw	55.78	55.48	54.86	53.83	51.20	38.87				
	Pt	199.00	215.94	232.75	253.65	269.28	297.76				
	V	22.97	21.82	20.50	18.71	16.54	8.91				
	LwiA	105	104	104	103	103	109				
1900	Q	1370.65	1311.56	1252.46	1167.69	1094.21	875.96	353.13			
	Pw	65.90	65.58	65.27	64.45	63.58	58.25	39.94			
	Pt	205.76	222.70	239.64	260.66	277.38	308.77	336.25			
	V	25.27	24.18	23.09	21.53	20.17	16.15	6.51			
	LwiA	106	106	106	105	105	106	110			
2100	Q	1605.84	1558.76	1505.74	1438.91	1385.45	1260.58	1104.58	772.52		
	Pw	88.92	89.22	88.92	88.48	88.13	86.59	83.25	70.50		
	Pt	220.39	237.32	254.26	275.44	292.39	325.97	358.68	396.15		
	V	29.61	28.74	27.76	26.53	25.54	23.24	20.36	14.24		
	LwiA	110	109	109	109	109	108	107	112		
2300	Q	1829.55	1786.56	1743.57	1687.97	1639.16	1541.53	1434.87	1283.11	1027.14	400.61
	Pw	116.29	116.62	116.94	117.12	116.74	115.98	114.70	112.06	101.78	69.33
	Pt	236.50	253.43	270.36	291.53	308.47	342.36	376.07	417.88	456.20	493.66
	V	33.73	32.94	32.15	31.12	30.22	28.42	26.45	23.66	18.94	7.39
	LwiA	113	112	112	112	111	111	111	110	112	115

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

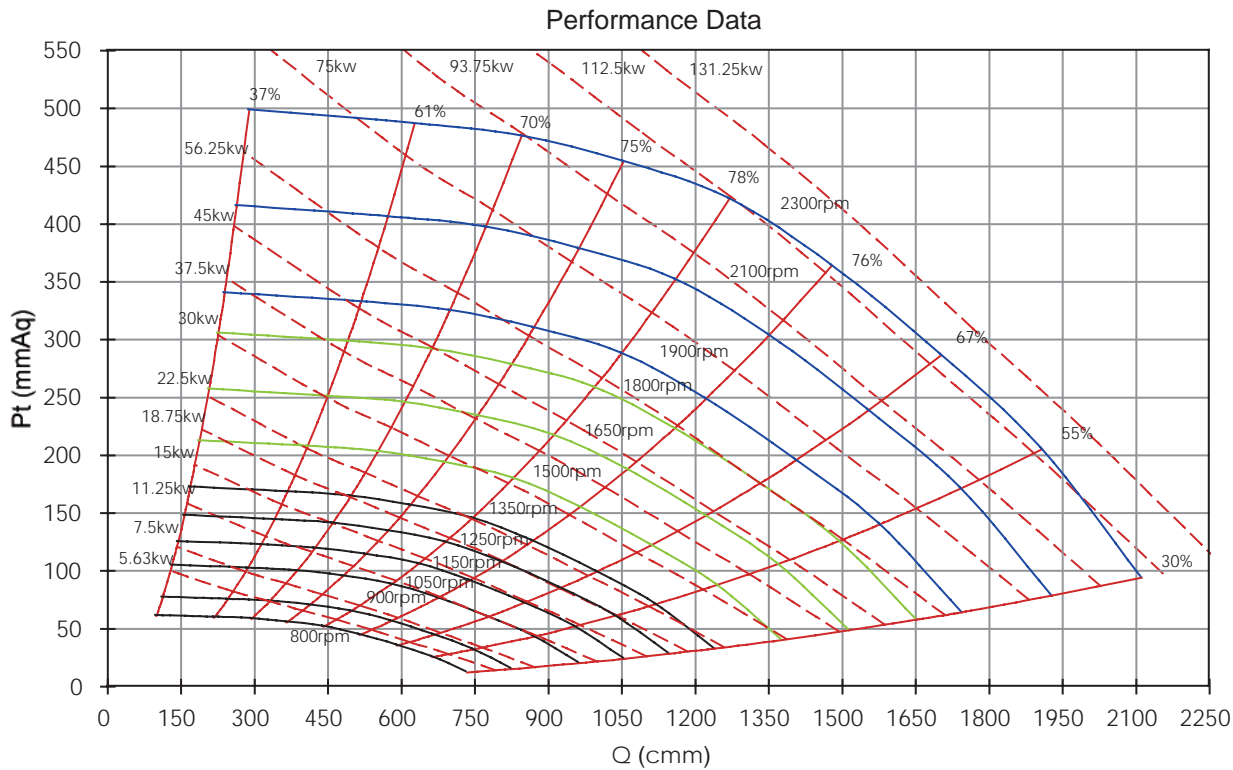
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

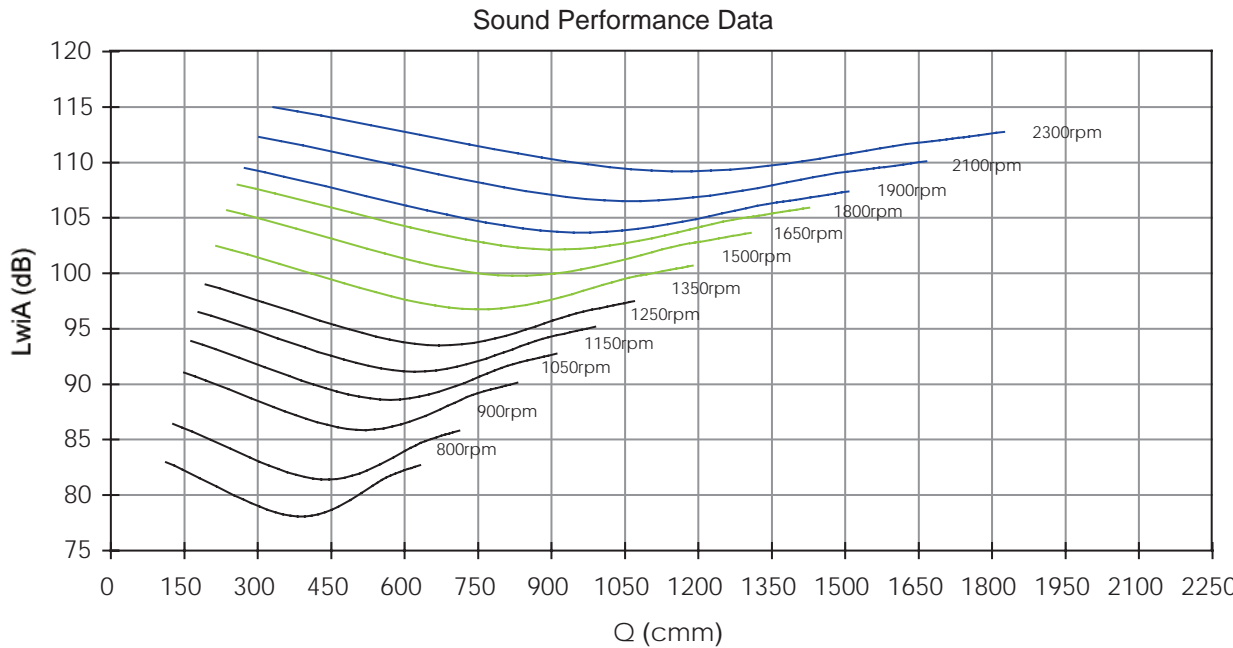
所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ800



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ900

WHEEL : 900 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 1270 x 900 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 1.1430 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	30	75	150
M. RPM	1200	1550	2050

RPM	Ps	45	50	55	70	90	110	125	140	150	165
700	Q	550.92	455.68	293.02							
	Pw	5.68	5.23	4.28							
	Pt	49.37	53.18	56.68							
	V	8.03	6.64	4.27							
	LwiA	78	79	83							
800	Q	758.73	715.81	666.72	410.61						
	Pw	8.79	8.71	8.58	6.99						
	Pt	52.93	57.14	61.32	72.89						
	V	11.06	10.44	9.72	5.99						
	LwiA	84	83	83	87						
900	Q	937.45	902.37	867.28	746.66	410.39					
	Pw	12.64	12.59	12.53	12.21	9.43					
	Pt	56.86	61.09	65.33	77.94	93.12					
	V	13.67	13.16	12.65	10.89	5.98					
	LwiA	89	88	87	86	91					
1000	Q	1101.87	1074.06	1045.12	950.39	801.50	492.64				
	Pw	17.28	17.33	17.35	17.17	16.63	13.39				
	Pt	61.26	65.49	69.72	82.43	99.21	114.27				
	V	16.07	15.66	15.24	13.86	11.69	7.18				
	LwiA	92	93	91	90	89	94				
1100	Q	1259.84	1234.56	1209.28	1129.83	1015.00	873.80	690.91	290.65		
	Pw	22.89	22.95	23.00	23.04	22.78	22.09	19.94	13.96		
	Pt	66.12	70.36	74.59	87.29	104.23	120.97	132.45	142.65		
	V	18.37	18.00	17.63	16.47	14.80	12.74	10.07	4.24		
	LwiA	95	95	95	94	93	91	94	96		
1200	Q	1414.01	1390.84	1367.67	1298.14	1197.31	1090.07	991.91	858.61	735.05	382.51
	Pw	29.62	29.68	29.74	29.92	29.82	29.50	28.91	27.43	25.58	19.33
	Pt	71.45	75.68	79.92	92.61	109.55	126.48	139.02	150.99	158.54	168.71
	V	20.62	20.28	19.94	18.93	17.46	15.89	14.46	12.52	10.72	5.58
	LwiA	98	98	98	97	96	95	94	94	97	100

RPM	Ps	165	180	195	225	250	275	330	420	455	485
1300	Q	923.07	741.26	363.63							
	Pw	34.76	31.45	23.49							
	Pt	177.74	188.97	198.88							
	V	13.46	10.81	5.30							
	LwiA	96	100	102							
1400	Q	1186.05	1101.85	959.55	431.76						
	Pw	46.15	45.46	42.76	30.34						
	Pt	184.93	197.47	208.91	229.91						
	V	17.29	16.07	13.99	6.30						
	LwiA	99	99	99	105						
1550	Q	1486.04	1424.92	1349.87	1182.52	952.48	503.08				
	Pw	64.00	63.72	62.99	60.83	55.22	41.91				
	Pt	195.35	208.06	220.61	245.38	264.31	281.29				
	V	21.67	20.78	19.68	17.24	13.89	7.34				
	LwiA	103	103	103	102	105	108				
1700	Q	1754.23	1698.51	1642.78	1524.70	1409.21	1263.02	574.73			
	Pw	85.11	84.80	84.50	83.64	82.25	79.30	56.13			
	Pt	206.63	219.34	232.04	257.38	278.28	298.48	337.85			
	V	25.58	24.77	23.95	22.23	20.55	18.42	8.38			
	LwiA	107	107	106	106	105	104	111			
1900	Q	2086.09	2042.18	1997.53	1897.81	1814.71	1729.11	1501.77	442.69		
	Pw	118.57	118.85	119.06	118.39	117.83	117.14	113.73	69.00		
	Pt	223.30	236.00	248.70	274.11	295.29	316.44	362.42	427.09		
	V	30.42	29.78	29.13	27.67	26.46	25.21	21.90	6.46		
	LwiA	111	110	110	110	109	109	108	113		
2050	Q	2324.25	2283.56	2242.86	2161.41	2084.39	2007.37	1827.83	1392.79	1103.69	571.13
	Pw	148.37	148.68	148.99	148.99	148.39	148.39	146.48	133.77	120.18	91.97
	Pt	237.03	249.72	262.42	287.82	309.00	330.17	376.62	449.38	475.36	494.63
	V	33.89	33.30	32.70	31.52	30.39	29.27	26.65	20.31	16.09	8.33
	LwiA	113	113	113	112	111	111	111	111	115	115

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

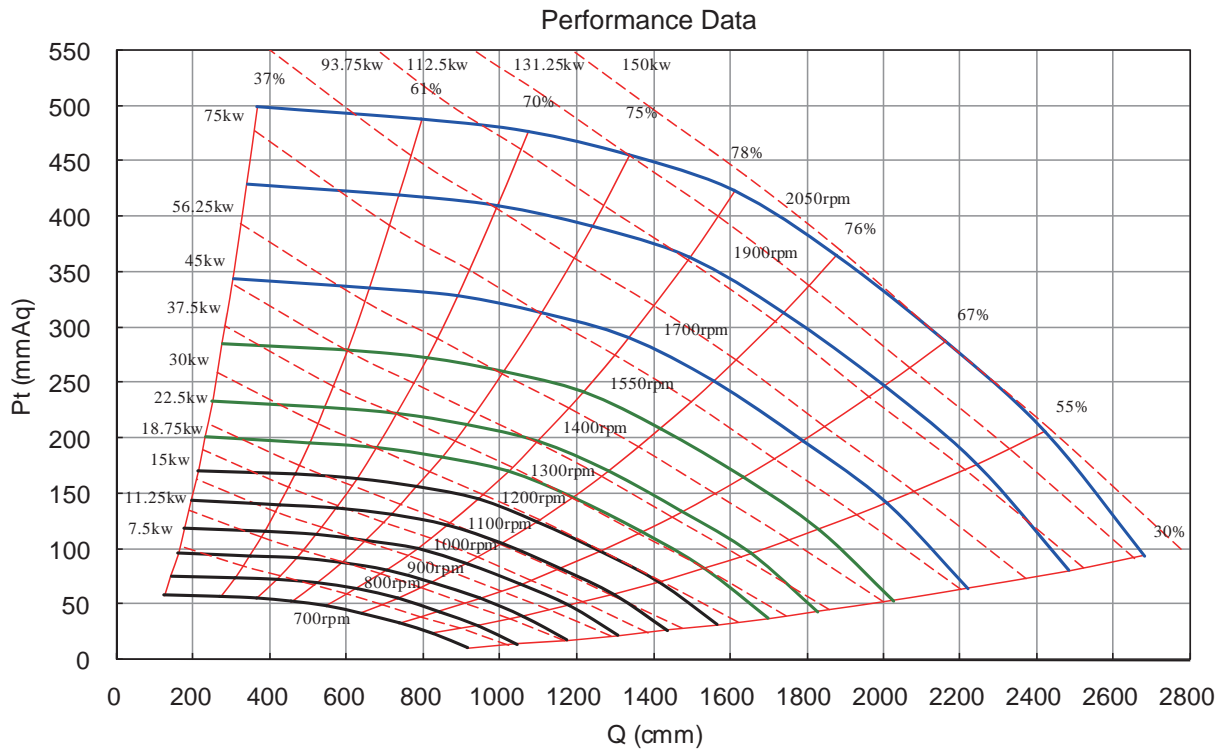
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

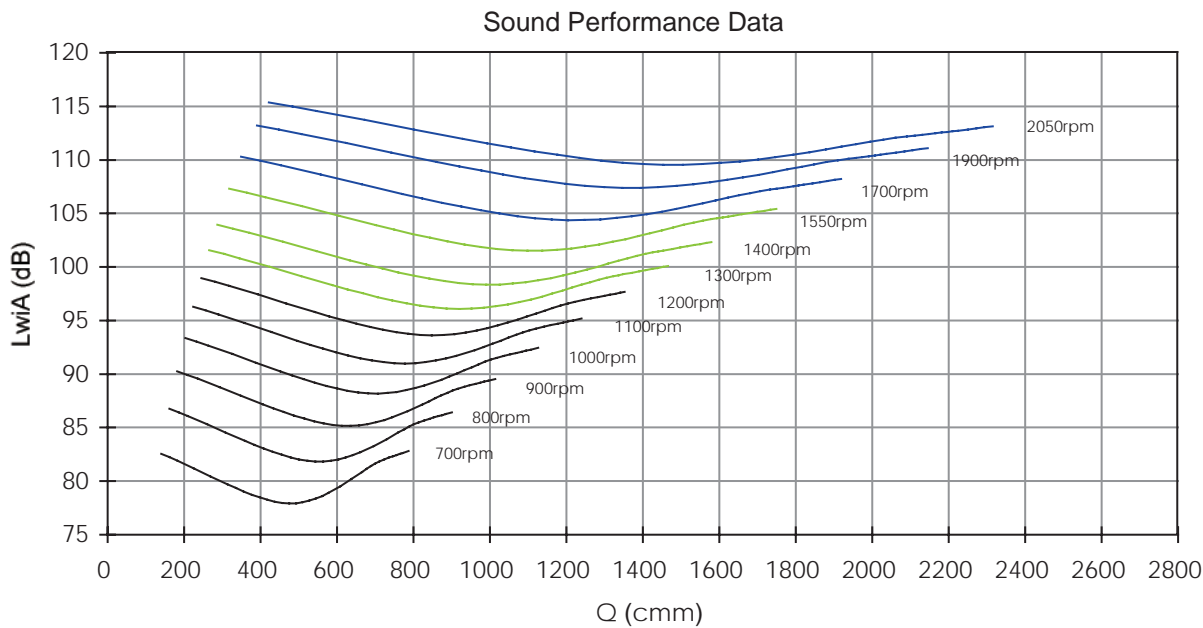
## BAZ900



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。



## BAZ1000

WHEEL : 1000 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 1400 x 1000 mm ( WxH,inside 寬x高 )  
風機出口尺寸  
OUTLET AREA : 1.4000 m<sup>2</sup> ( inside area )  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	45	93.75	187.5
M. RPM	1100	1400	1850

RPM	Ps	50	55	60	70	90	115	125	140	155	170
650	Q	654.13	525.58	264.83							
	Pw	7.46	6.76	5.08							
	Pt	54.15	57.92	61.26							
	V	7.79	6.26	3.15							
	LwiA	79	82	84							
700	Q	825.02	762.69	662.03	253.16						
	Pw	9.80	9.64	9.08	6.09						
	Pt	56.30	60.48	64.34	71.32						
	V	9.82	9.08	7.88	3.01						
	LwiA	82	82	82	86						
800	Q	1089.52	1045.66	1000.76	891.68	386.01					
	Pw	14.96	14.89	14.82	14.46	10.06					
	Pt	60.63	64.87	69.10	77.46	92.22					
	V	12.97	12.45	11.91	10.62	4.60					
	LwiA	88	87	87	86	91					
900	Q	1326.00	1290.27	1251.29	1173.32	989.51	368.46				
	Pw	21.39	21.42	21.34	21.20	20.53	13.50				
	Pt	65.49	69.72	73.96	82.43	99.21	117.43				
	V	15.79	15.36	14.90	13.97	11.78	4.39				
	LwiA	92	92	92	91	89	94				
1000	Q	1545.81	1514.92	1484.02	1418.91	1278.56	1055.68	908.12	516.34		
	Pw	29.19	29.25	29.32	29.34	29.02	27.77	26.01	20.21		
	Pt	70.92	75.16	79.39	87.86	104.80	125.62	133.25	143.69		
	V	18.40	18.03	17.67	16.89	15.22	12.57	10.81	6.15		
	LwiA	96	95	95	95	93	92	93	98		
1100	Q	1759.38	1731.29	1703.20	1647.02	1526.99	1363.65	1284.32	1149.85	935.36	538.45
	Pw	38.69	38.76	38.84	38.99	38.96	38.44	37.94	36.80	33.56	26.32
	Pt	76.93	81.16	85.40	93.86	110.80	131.95	140.31	152.65	164.02	174.26
	V	20.95	20.61	20.28	19.61	18.18	16.23	15.29	13.69	11.14	6.41
	LwiA	99	98	98	98	97	96	95	94	98	100

RPM	Ps	165	185	205	220	240	280	345	410	450	490
1200	Q	1274.20	1011.40	466.22							
	Pw	48.11	43.39	31.42							
	Pt	180.43	195.59	209.13							
	V	15.17	12.04	5.55							
	LwiA	97	100	103							
1300	Q	1582.18	1447.93	1251.50	1051.15	529.65					
	Pw	63.19	62.03	58.58	54.09	40.60					
	Pt	187.95	204.68	220.42	231.67	245.05					
	V	18.84	17.24	14.90	12.51	6.31					
	LwiA	101	100	100	103	106					
1400	Q	1847.13	1743.54	1618.88	1525.38	1324.07	506.33				
	Pw	79.89	79.32	78.07	77.13	72.60	48.70				
	Pt	195.75	212.66	229.39	241.93	257.35	285.28				
	V	21.99	20.76	19.27	18.16	15.76	6.03				
	LwiA	104	103	102	102	107	107				
1550	Q	2213.68	2123.14	2032.59	1964.69	1855.84	1600.96	498.20			
	Pw	109.35	108.85	108.35	107.97	106.73	102.40	63.56			
	Pt	208.39	225.33	242.27	254.98	271.74	304.63	350.86			
	V	26.35	25.28	24.20	23.39	22.09	19.06	5.93			
	LwiA	108	107	107	106	106	105	111			
1700	Q	2553.36	2480.66	2401.00	2339.09	2256.53	2080.09	1684.86	705.82		
	Pw	143.87	144.34	144.09	143.68	143.13	141.48	132.65	91.40		
	Pt	222.33	239.26	256.20	268.90	285.85	319.61	372.69	418.79		
	V	30.40	29.53	28.58	27.85	26.86	24.76	20.06	8.40		
	LwiA	111	111	110	110	110	109	108	114		
1850	Q	2880.22	2813.41	2746.60	2696.49	2623.37	2471.65	2200.39	1822.10	1447.37	637.72
	Pw	184.64	185.15	185.66	186.04	185.78	184.58	181.22	170.49	153.53	110.58
	Pt	237.56	254.49	271.42	284.11	301.05	334.94	389.71	442.45	472.44	498.85
	V	34.29	33.49	32.70	32.10	31.23	29.42	26.20	21.69	17.23	7.59
	LwiA	113	113	113	113	113	112	111	110	115	116

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

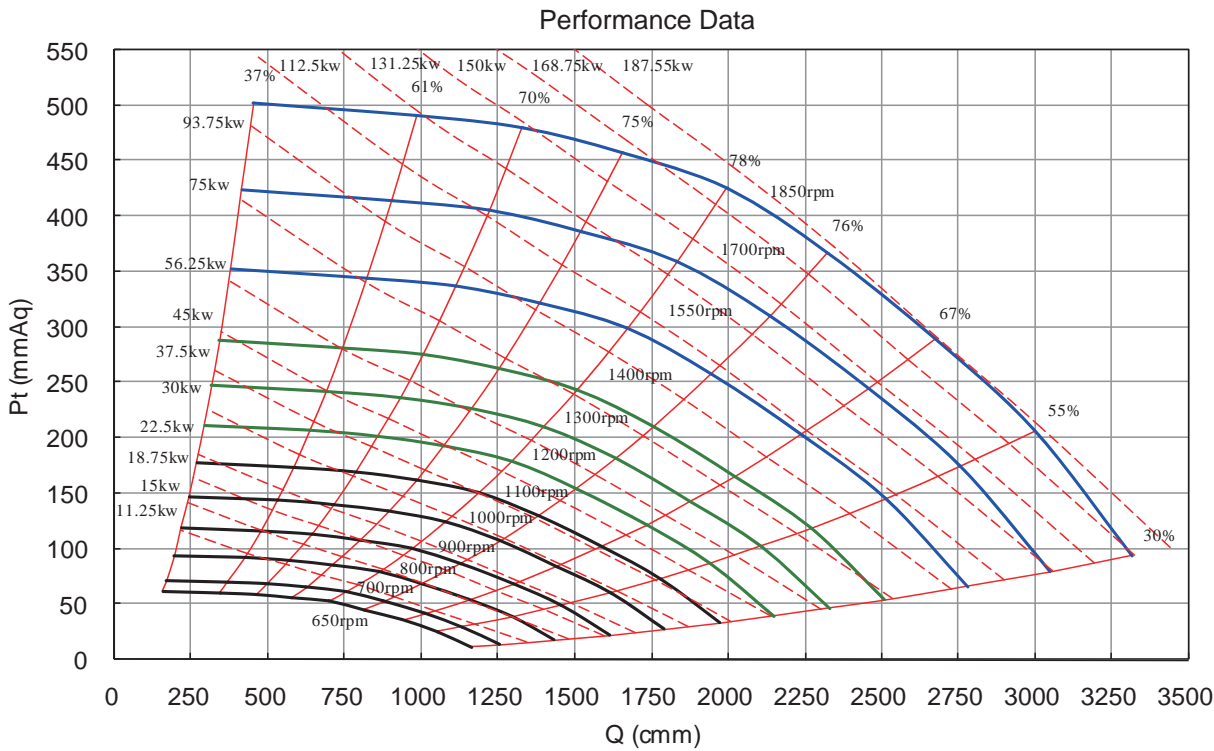
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

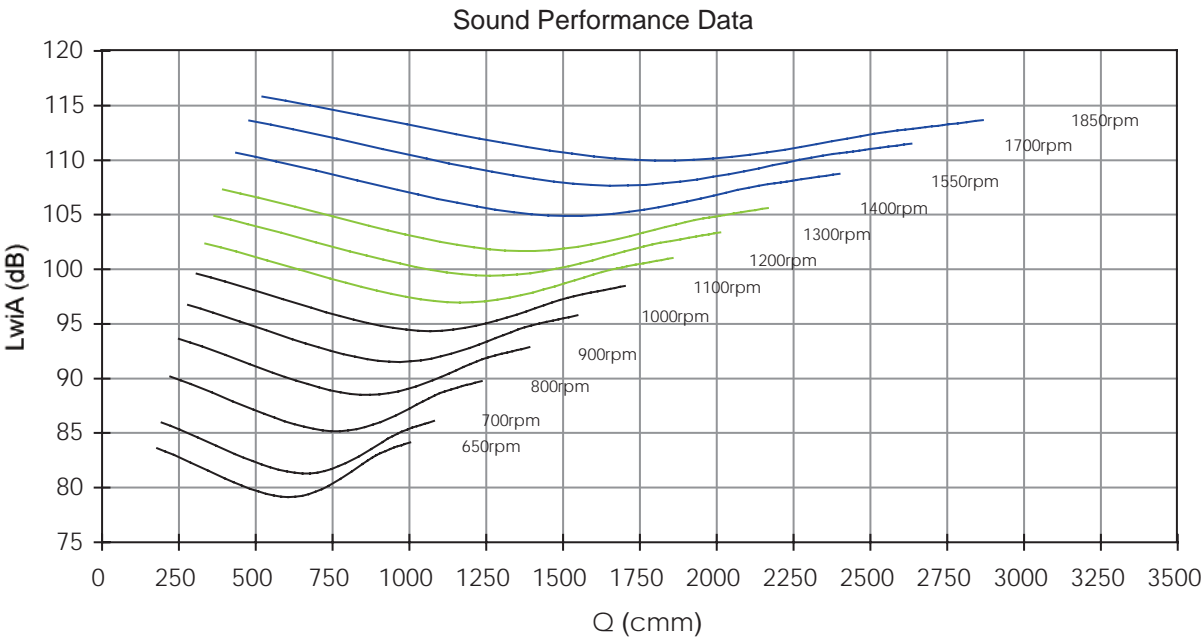
所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ1000



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ1120

WHEEL : 1120 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 1580 x 1120 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 1.7696 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	56.25	131.25	262.5
M. RPM	1000	1300	1700

RPM	Ps	50	55	60	85	115	135	145	155	170	180
600	Q	929.66	805.39	636.09							
	Pw	10.73	10.12	9.08							
	Pt	55.17	59.07	62.80							
	V	8.76	7.59	5.99							
	LwIA	81	81	84							
700	Q	1317.12	1260.99	1197.07	574.98						
	Pw	17.63	17.55	17.39	12.86						
	Pt	59.91	64.15	68.35	87.66						
	V	12.41	11.88	11.27	5.42						
	LwIA	88	87	86	90						
800	Q	1652.11	1606.53	1557.41	1287.05	382.84					
	Pw	26.49	26.50	26.41	25.62	15.70					
	Pt	65.29	69.52	73.75	94.82	117.06					
	V	15.56	15.13	14.67	12.12	3.61					
	LwIA	93	92	92	90	94					
870	Q	1869.32	1829.55	1789.77	1566.85	1179.93	486.42				
	Pw	33.91	34.00	34.08	33.69	30.98	21.27				
	Pt	69.48	73.71	77.94	99.12	123.70	137.78				
	V	17.61	17.23	16.86	14.76	11.11	4.58				
	LwIA	95	95	95	93	91	96				
940	Q	2081.36	2044.54	2007.72	1811.88	1536.75	1261.68	1050.78	693.14		
	Pw	42.62	42.71	42.81	42.79	41.70	38.90	35.77	29.79		
	Pt	74.02	78.26	82.49	103.66	128.94	144.98	152.46	159.15		
	V	19.60	19.26	18.91	17.06	14.47	11.88	9.90	6.53		
	LwIA	98	97	97	96	94	94	97	99		
1000	Q	2259.80	2225.19	2190.58	2015.54	1779.76	1587.44	1470.86	1305.59	963.81	459.60
	Pw	51.19	51.29	51.38	51.78	51.09	49.90	48.76	46.28	40.25	30.26
	Pt	78.20	82.43	86.67	107.83	133.24	149.99	158.14	165.77	176.75	183.10
	V	21.28	20.96	20.63	18.98	16.76	14.95	13.85	12.30	9.08	4.33
	LwIA	99	99	99	98	97	96	95	96	100	100

RPM	Ps	175	195	215	255	300	375	415	460	490	520
1100	Q	1624.71	1302.49	659.91							
	Pw	65.02	58.90	44.05							
	Pt	191.01	206.16	219.73							
	V	15.30	12.27	6.22							
	LwIA	98	101	103							
1200	Q	2062.93	1900.04	1679.64	763.75						
	Pw	87.69	86.18	82.41	58.39						
	Pt	199.76	216.48	232.46	260.93						
	V	19.43	17.90	15.82	7.19						
	LwIA	102	101	100	107						
1300	Q	2430.67	2309.75	2162.53	1785.62	793.38					
	Pw	112.83	112.23	110.71	103.92	73.15					
	Pt	208.79	225.73	242.48	274.85	306.71					
	V	22.89	21.75	20.37	16.82	7.47					
	LwIA	105	105	104	103	109					
1450	Q	2942.65	2834.24	2725.84	2496.15	2188.17	810.69				
	Pw	157.97	157.31	156.65	154.76	150.39	98.48				
	Pt	223.57	240.51	257.45	291.23	328.78	382.73				
	V	27.71	26.69	25.67	23.51	20.61	7.64				
	LwIA	109	109	108	108	107	113				
1600	Q	3412.36	3325.84	3237.63	3041.14	2818.44	2314.12	1860.26	765.68		
	Pw	211.13	211.75	212.18	210.72	208.99	198.21	179.68	125.57		
	Pt	239.98	256.91	273.84	307.73	345.83	407.74	437.97	468.22		
	V	32.14	31.32	30.49	28.64	26.54	21.80	17.52	7.21		
	LwIA	113	113	112	112	111	109	113	115		
1700	Q	3717.48	3636.05	3554.62	3383.18	3175.14	2785.74	2539.83	2088.95	1669.87	788.46
	Pw	252.50	253.16	253.82	254.02	252.28	246.79	241.25	221.33	199.49	149.07
	Pt	251.82	268.75	285.68	319.55	357.67	420.79	453.94	488.17	510.01	529.04
	V	35.01	34.25	33.48	31.86	29.90	26.24	23.92	19.67	15.73	7.43
	LwIA	115	115	114	114	113	112	111	114	117	117

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwIA : dB  
A加權聲功率

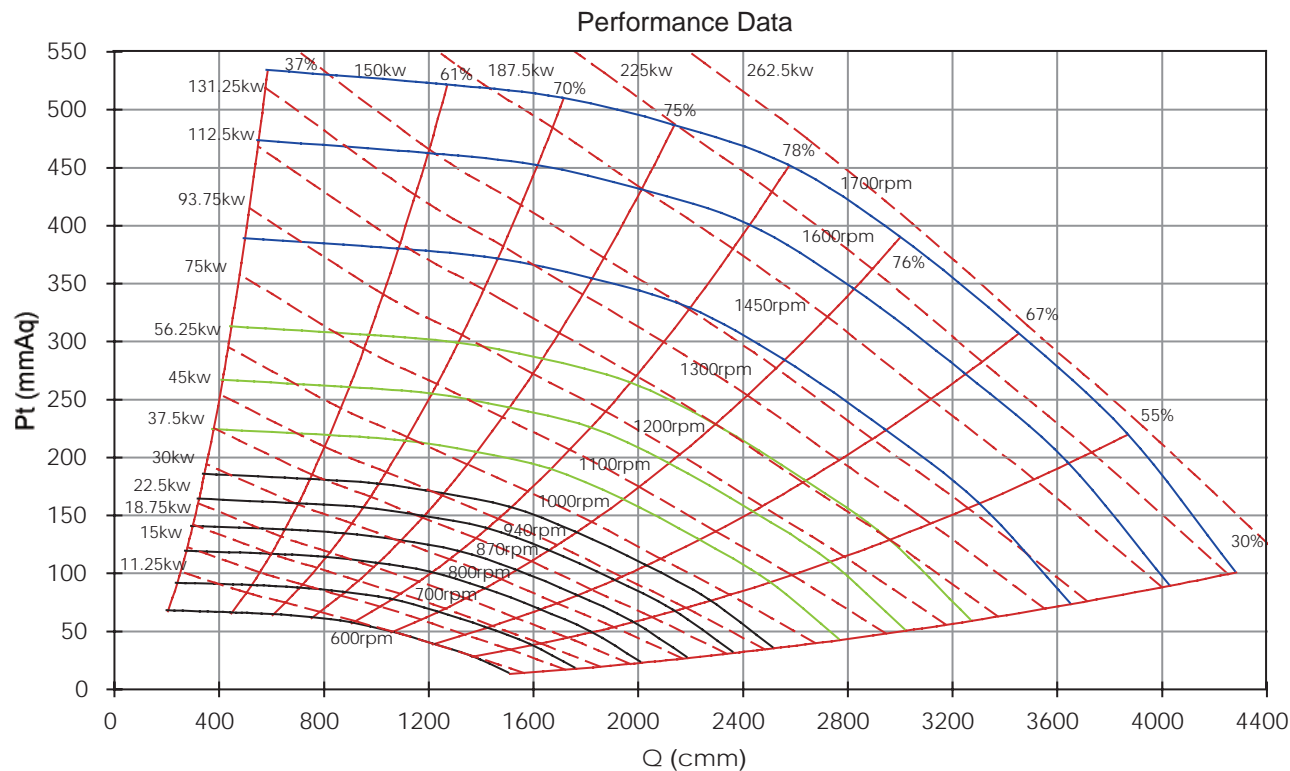
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 (kW) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 (附件) 的影響。

Values shown are for inlet LwIA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

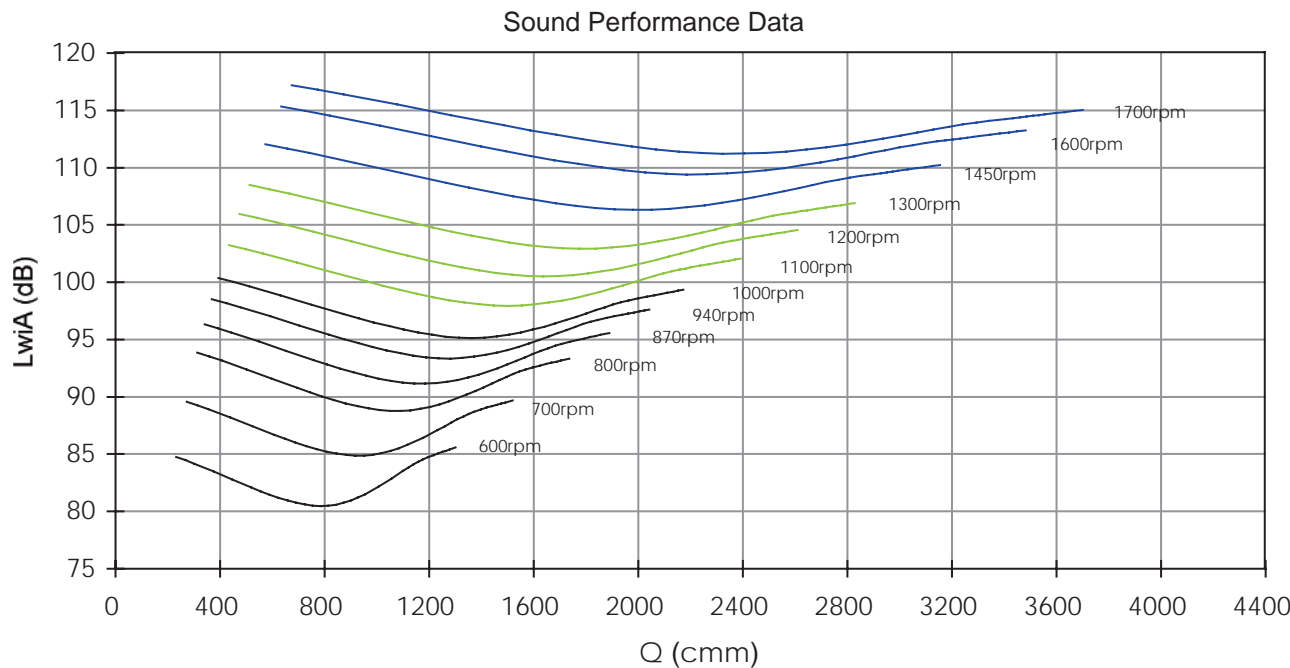
所示值為安裝類型B：自由入口，管道出口的聲功率級 (入口LwIA)。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ1120



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 (kW) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 (附件) 的影響。



Values shown are for inlet LwIA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級 (入口LwIA)。所示A加權聲音性能額定值已按AMCA International標準301計算。



## BAZ1250

WHEEL : 1250 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 1770 x 1250 mm ( WxH,inside 寬x高 )  
風機出口尺寸  
OUTLET AREA : 2.2125 m<sup>2</sup> ( inside area )  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	75	187.5	337.5
M. RPM	900	1200	1500

RPM	Ps	45	50	55	80	110	130	140	155	165	180
500	Q	1028.06	832.34	461.95							
	Pw	10.58	9.63	7.44							
	Pt	49.13	52.92	56.33							
	V	7.74	6.27	3.48							
	LwiA	79	80	83							
600	Q	1580.55	1507.46	1424.77	464.10						
	Pw	19.24	19.14	18.96	12.07						
	Pt	54.18	58.42	62.63	81.64						
	V	11.91	11.36	10.73	3.50						
	LwiA	87	86	86	88						
700	Q	2039.27	1984.10	1922.29	1582.15	434.04					
	Pw	30.68	30.77	30.68	29.79	17.80					
	Pt	59.99	64.22	68.46	89.54	111.85					
	V	15.36	14.95	14.48	11.92	3.27					
	LwiA	92	92	92	89	93					
770	Q	2338.01	2287.84	2237.68	1961.31	1504.68	749.89				
	Pw	40.64	40.74	40.84	40.51	37.77	27.75				
	Pt	64.59	68.82	73.05	94.23	119.02	133.31				
	V	17.61	17.23	16.86	14.77	11.33	5.65				
	LwiA	95	95	95	93	91	97				
840	Q	2629.21	2583.23	2537.25	2298.40	1966.11	1661.44	1431.81	794.76		
	Pw	52.56	52.67	52.79	53.00	51.85	49.30	46.19	35.61		
	Pt	69.62	73.86	78.09	99.26	124.59	140.94	148.54	158.84		
	V	19.81	19.46	19.11	17.31	14.81	12.52	10.79	5.99		
	LwiA	98	98	98	97	95	94	96	100		
900	Q	2868.19	2831.24	2788.33	2573.75	2285.55	2061.40	1940.21	1661.95	1414.52	696.16
	Pw	64.24	64.61	64.73	65.34	64.67	63.48	62.70	58.86	54.65	40.71
	Pt	74.22	78.52	82.75	103.92	129.33	146.14	154.50	166.20	173.67	183.69
	V	21.61	21.33	21.00	19.39	17.22	15.53	14.62	12.52	10.66	5.24
	LwiA	100	100	100	99	98	97	96	96	99	101

RPM	Ps	170	200	220	245	270	295	320	375	440	505
1000	Q	2186.76	1664.68	923.89							
	Pw	86.25	77.04	59.51							
	Pt	188.36	211.68	225.33							
	V	16.47	12.54	6.96							
	LwiA	99	102	105							
1100	Q	2748.16	2461.95	2224.83	1762.68	782.50					
	Pw	117.88	115.35	111.83	100.70	72.25					
	Pt	198.01	223.15	239.46	258.35	275.13					
	V	20.70	18.55	16.76	13.28	5.89					
	LwiA	103	102	101	105	107					
1200	Q	3234.20	3014.91	2849.53	2622.29	2301.33	1851.16	928.21			
	Pw	154.27	153.13	151.64	149.02	141.81	128.43	96.50			
	Pt	208.27	233.68	250.51	271.41	291.22	309.98	326.56			
	V	24.36	22.71	21.47	19.75	17.34	13.94	6.99			
	LwiA	107	106	105	104	104	108	110			
1300	Q	3699.30	3500.44	3365.49	3196.81	2987.94	2778.18	2448.77	1034.48		
	Pw	197.02	196.12	195.29	194.26	191.46	188.62	178.90	123.88		
	Pt	219.43	244.84	261.78	282.96	303.87	324.77	344.17	382.90		
	V	27.87	26.37	25.35	24.08	22.51	20.93	18.45	7.79		
	LwiA	109	109	108	108	107	107	107	113		
1400	Q	4133.72	3968.19	3844.59	3687.95	3531.32	3359.08	3164.30	2586.07	868.07	
	Pw	245.04	246.18	245.48	244.37	243.26	241.35	238.29	221.57	142.34	
	Pt	231.49	256.89	273.83	295.01	316.19	337.25	358.16	402.11	447.39	
	V	31.14	29.89	28.96	27.78	26.60	25.30	23.84	19.48	6.54	
	LwiA	112	112	111	111	110	110	109	109	114	
1500	Q	4558.52	4404.03	4301.03	4163.36	4017.17	3870.97	3724.78	3334.67	2653.78	934.68
	Pw	300.37	301.59	302.40	302.28	301.09	299.91	298.72	292.08	267.62	175.36
	Pt	244.45	269.85	286.78	307.95	329.13	350.30	371.48	417.55	468.87	513.52
	V	34.34	33.18	32.40	31.36	30.26	29.16	28.06	25.12	19.99	7.04
	LwiA	114	114	114	114	113	113	112	111	113	117

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

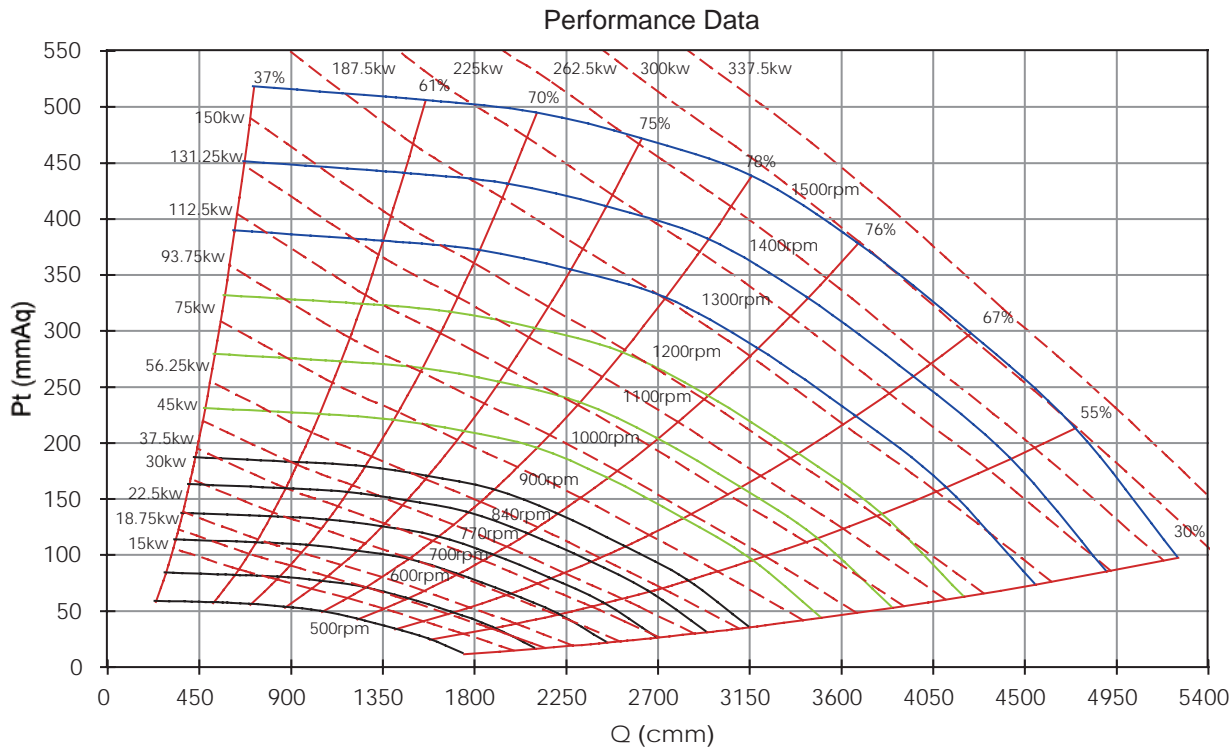
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

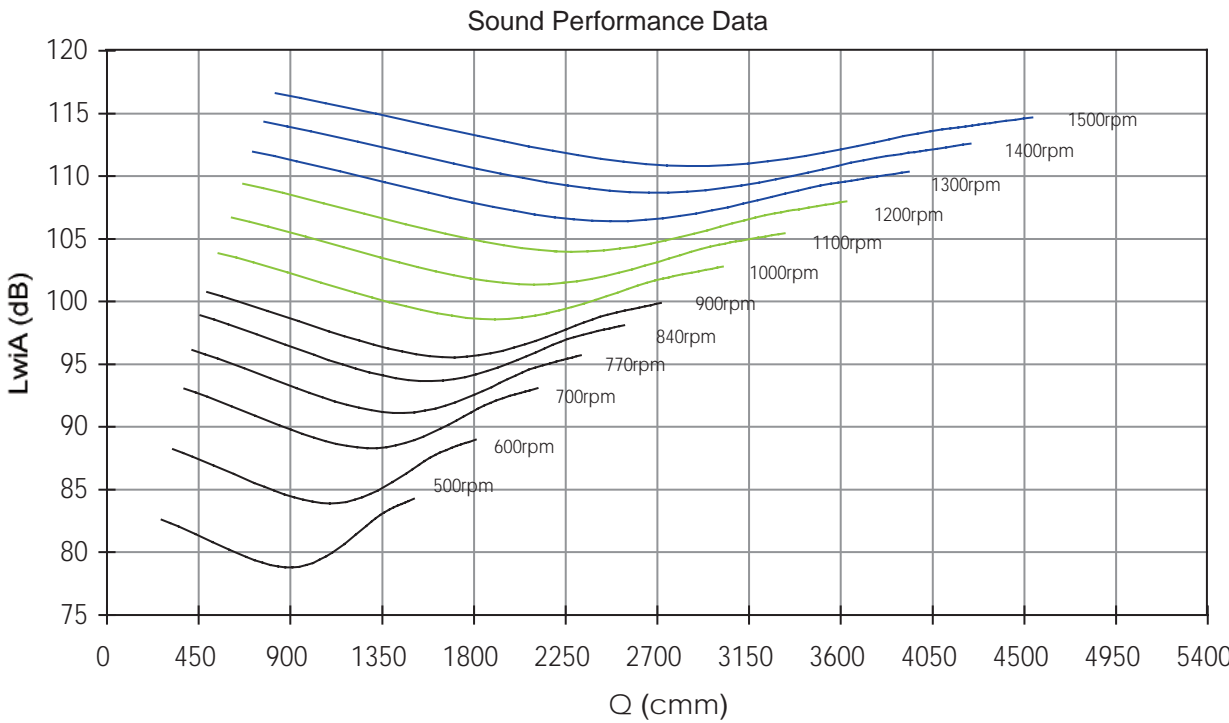
所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ1250



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ1400

WHEEL : 1400 mm  
葉輪尺寸  
空氣密度 :  $\rho=1.2 \text{ kg/m}^3$

OUTLET : 1980 x 1400 mm ( WxH,inside 寬x高 )  
風機出口尺寸  
OUTLET AREA : 2.7720 m<sup>2</sup> ( inside area )  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	93.75	187.5	412.5
M. RPM	800	1000	1350

RPM	Ps	45	50	55	75	95	120	135	150	165	180
450	Q	1333.10	1102.63	709.03							
	Pw	13.75	12.66	10.35							
	Pt	49.37	53.18	56.68							
	V	8.02	6.63	4.26							
	LwiA	80	80	84							
520	Q	1875.34	1777.58	1660.11	619.83						
	Pw	22.01	21.86	21.54	14.29						
	Pt	53.26	57.48	61.67	76.68						
	V	11.28	10.69	9.98	3.73						
	LwiA	86	85	85	88						
590	Q	2342.98	2259.85	2176.59	1796.71	890.10					
	Pw	32.48	32.35	32.22	31.16	22.91					
	Pt	57.61	61.84	66.08	82.89	97.71					
	V	14.09	13.59	13.09	10.80	5.35					
	LwiA	91	91	90	88	92					
660	Q	2769.23	2703.69	2638.15	2342.92	1988.64	880.99				
	Pw	45.19	45.31	45.44	44.92	43.53	30.49				
	Pt	62.51	66.74	70.98	87.92	104.69	122.99				
	V	16.65	16.26	15.86	14.09	11.96	5.30				
	LwiA	95	94	94	92	91	96				
730	Q	3182.07	3122.81	3063.55	2816.86	2547.71	2117.93	1656.98	642.64		
	Pw	60.86	61.00	61.14	61.33	60.68	58.14	52.07	35.69		
	Pt	67.96	72.20	76.43	93.36	110.31	131.12	142.47	152.54		
	V	19.13	18.78	18.42	16.94	15.32	12.73	9.96	3.86		
	LwiA	98	98	97	97	95	93	96	98		
800	Q	3578.67	3530.93	3476.86	3260.57	3026.47	2709.43	2480.37	2169.10	1715.06	718.13
	Pw	79.58	79.98	80.13	80.74	80.55	79.45	77.97	74.25	66.73	47.27
	Pt	73.91	78.20	82.43	99.36	116.30	137.44	149.99	161.96	173.21	183.10
	V	21.52	21.23	20.90	19.60	18.20	16.29	14.91	13.04	10.31	4.32
	LwiA	101	100	100	100	99	97	96	96	100	101

RPM	Ps	175	195	205	240	280	310	340	415	470	510
860	Q	2292.00	1702.37	1037.49							
	Pw	91.55	79.98	64.84							
	Pt	188.43	203.34	209.63							
	V	13.78	10.24	6.24							
	LwiA	98	103	104							
930	Q	2981.16	2692.87	2470.73	1099.95						
	Pw	123.34	120.11	115.62	81.51						
	Pt	196.47	212.99	220.62	245.33						
	V	17.92	16.19	14.86	6.61						
	LwiA	101	100	100	106						
1000	Q	3522.14	3295.16	3173.00	2595.17	992.40					
	Pw	156.13	154.25	153.02	142.31	95.45					
	Pt	204.22	221.03	229.39	257.35	285.28					
	V	21.18	19.81	19.08	15.60	5.97					
	LwiA	104	103	103	103	107					
1100	Q	4202.57	4023.94	3934.63	3579.70	3050.01	2408.13	1008.96			
	Pw	209.61	208.64	208.15	204.75	194.93	175.15	123.75			
	Pt	215.98	232.92	241.39	270.83	303.46	326.03	345.98			
	V	25.27	24.19	23.66	21.52	18.34	14.48	6.07			
	LwiA	108	107	107	106	105	109	110			
1220	Q	4968.27	4824.21	4743.68	4461.84	4122.62	3822.21	3457.63	1319.57		
	Pw	286.38	287.07	286.53	284.63	281.62	277.12	268.55	178.42		
	Pt	231.57	248.50	256.97	286.62	320.41	345.50	369.90	423.47		
	V	29.87	29.01	28.52	26.83	24.79	22.98	20.79	7.93		
	LwiA	111	111	111	110	109	109	108	114		
1350	Q	5749.42	5621.24	5557.16	5329.32	5038.24	4819.92	4587.72	3846.26	2891.31	1356.58
	Pw	386.02	387.04	387.55	388.89	386.49	384.69	382.06	364.73	320.51	235.80
	Pt	250.30	267.23	275.69	305.32	339.21	364.62	389.95	451.93	493.34	519.73
	V	34.57	33.80	33.41	32.04	30.29	28.98	27.58	23.13	17.38	8.16
	LwiA	115	115	114	114	113	113	112	111	116	117

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

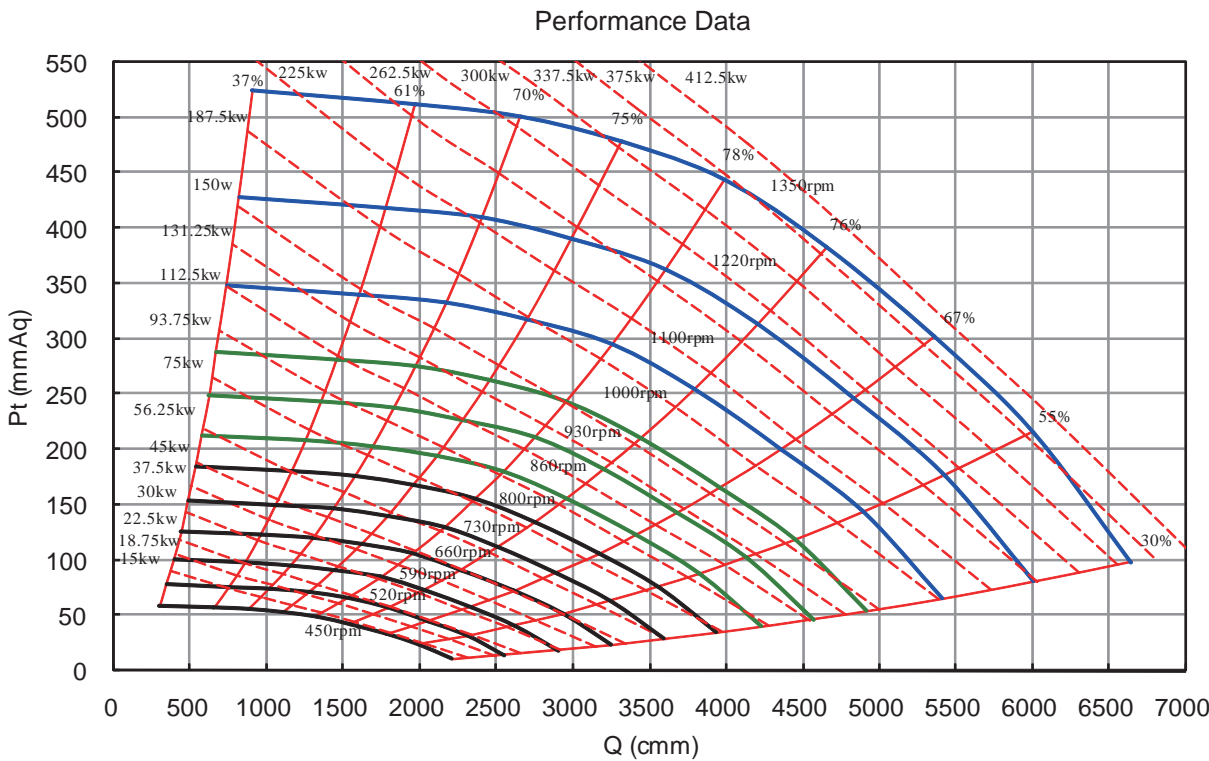
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 ( kW ) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 ( 附件 ) 的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

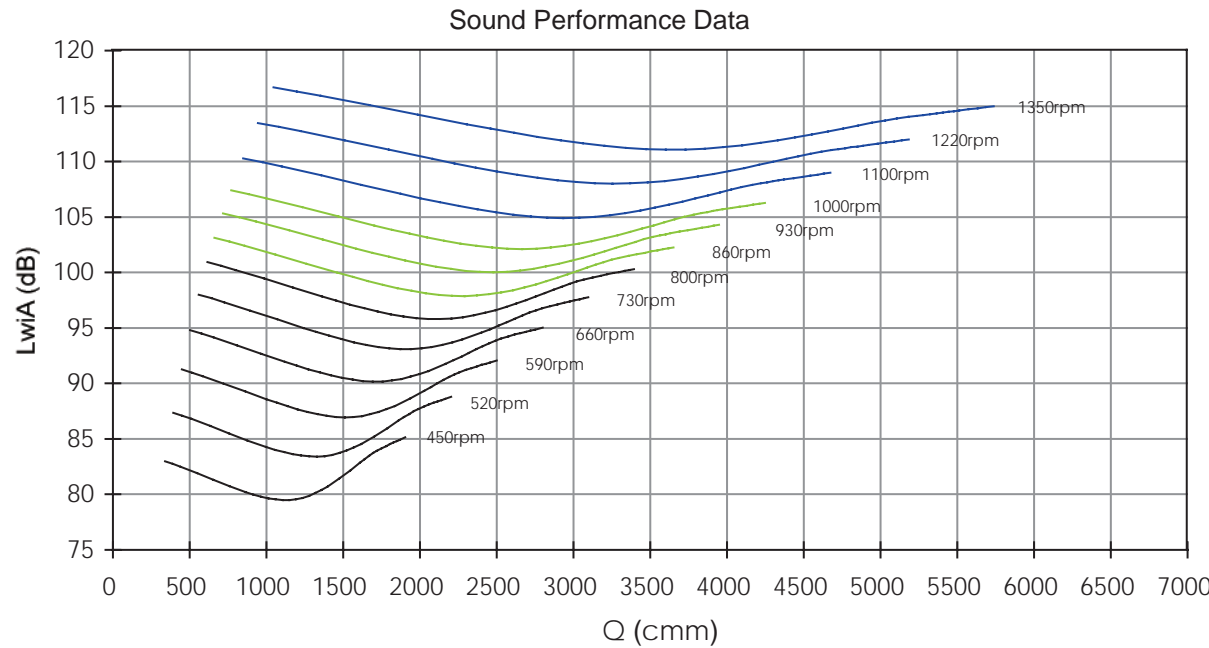
所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

## BAZ1400



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值 ( kW ) 不包括傳輸(動)損失。各項性能額定值不包括附屬物 ( 附件 ) 的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。



## BAZ1600

## BAZ1600

WHEEL : 1600 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 2260 x 1600 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 3.6160 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	112.5	225	525
M. RPM	700	900	1150

RPM	Ps	45	50	55	75	95	120	135	150	165	180
400	Q	1819.18	1558.69	1189.86							
	Pw	18.93	17.80	15.74							
	Pt	49.74	53.66	57.38							
	V	8.38	7.18	5.48							
	LwiA	81	81	84							
460	Q	2500.61	2378.58	2229.02	1090.17						
	Pw	29.73	29.58	29.18	21.62						
	Pt	53.59	57.83	62.01	77.31						
	V	11.53	10.96	10.27	5.02						
	LwiA	87	86	86	89						
520	Q	3094.92	2988.82	2880.86	2393.13	1327.23					
	Pw	43.34	43.21	43.04	41.70	32.25					
	Pt	57.89	62.13	66.36	83.19	98.27					
	V	14.26	13.78	13.28	11.03	6.12					
	LwiA	92	91	91	88	92					
580	Q	3639.27	3554.03	3468.80	3085.98	2628.49	1297.16				
	Pw	59.78	59.94	60.10	59.47	57.68	42.32				
	Pt	62.72	66.95	71.19	88.13	104.91	123.38				
	V	16.77	16.38	15.99	14.22	12.12	5.98				
	LwiA	95	95	95	93	91	96				
640	Q	4167.03	4089.78	4012.54	3691.52	3340.66	2789.03	2195.02	920.54		
	Pw	79.96	80.14	80.32	80.59	79.74	76.61	68.80	48.30		
	Pt	68.08	72.31	76.55	93.48	110.42	131.27	142.63	152.76		
	V	19.21	18.85	18.49	17.01	15.40	12.86	10.12	4.24		
	LwiA	98	98	98	97	96	94	96	98		
700	Q	4674.18	4611.83	4541.21	4258.70	3952.94	3538.85	3239.67	2833.11	2240.07	937.96
	Pw	103.93	104.47	104.66	105.46	105.20	103.77	101.84	96.98	87.15	61.74
	Pt	73.91	78.20	82.43	99.36	116.30	137.44	149.99	161.96	173.21	183.10
	V	21.54	21.26	20.93	19.63	18.22	16.31	14.93	13.06	10.32	4.32
	LwiA	101	101	101	100	99	98	97	96	100	101

RPM	Ps	165	190	215	255	295	350	380	410	450	485
770	Q	3533.72	2855.80	1346.75							
	Pw	135.31	124.36	89.90							
	Pt	182.86	202.45	219.73							
	V	16.29	13.16	6.21							
	LwiA	99	100	105							
840	Q	4366.60	3960.73	3427.84	1558.66						
	Pw	180.22	176.66	168.19	119.17						
	Pt	191.36	212.30	232.46	260.93						
	V	20.13	18.26	15.80	7.18						
	LwiA	103	102	101	107						
900	Q	4983.06	4671.19	4291.92	3457.87	1451.48					
	Pw	223.12	221.62	217.79	201.55	139.60					
	Pt	199.00	220.17	241.11	273.10	301.02					
	V	22.97	21.53	19.78	15.94	6.69					
	LwiA	106	105	104	104	109					
980	Q	5777.00	5490.59	5204.17	4672.30	3942.27	1560.64				
	Pw	290.06	288.43	286.80	281.17	265.41	179.46				
	Pt	209.99	231.17	252.35	285.94	318.20	357.06				
	V	26.63	25.31	23.99	21.54	18.17	7.19				
	LwiA	109	108	108	107	106	111				
1060	Q	6513.99	6280.78	6015.98	5592.29	5097.60	4155.59	3342.24	1645.15		
	Pw	365.77	367.26	365.50	362.69	356.45	332.14	300.59	225.12		
	Pt	221.94	243.10	264.28	298.16	331.75	375.99	398.39	418.07		
	V	30.02	28.95	27.73	25.78	23.50	19.15	15.40	7.58		
	LwiA	111	111	111	110	109	108	112	113		
1150	Q	7318.20	7103.25	6888.30	6507.82	6117.29	5496.68	5132.46	4548.61	3549.67	1602.43
	Pw	465.16	466.79	468.42	466.58	463.53	454.59	448.26	425.75	380.16	277.30
	Pt	236.50	257.66	278.83	312.71	346.59	392.80	417.88	441.05	470.92	493.66
	V	33.73	32.74	31.75	30.00	28.20	25.33	23.66	20.97	16.36	7.39
	LwiA	114	114	114	113	112	111	111	111	115	116

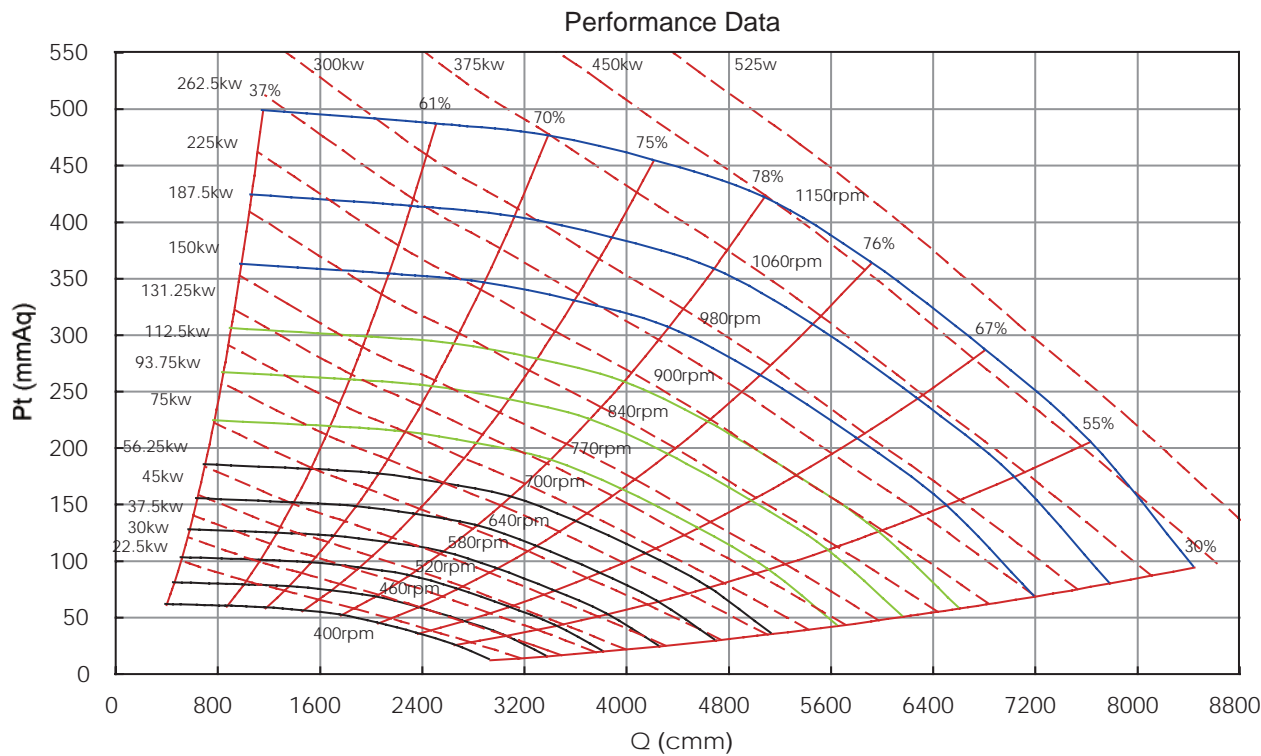
Ps : mmAq  
靜壓  
Q : cmm  
風量  
Pw : kw  
軸功率  
Pt : mmAq  
全壓  
V : m/s  
風速  
LwiA : dB  
A加權聲功率

Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

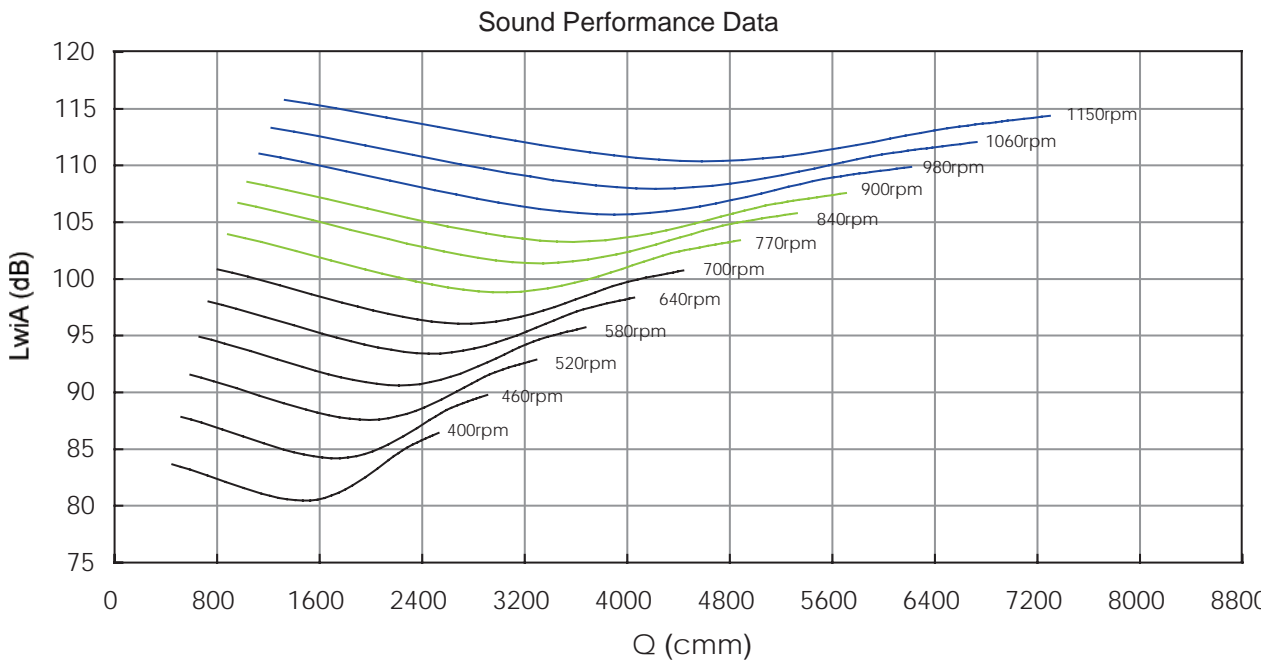
Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。





## BAZ1800

## BAZ1800

WHEEL : 1800 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 2550 x 1800 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 4.5900 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	187.5	300	675
M. RPM	650	800	1050

RPM	Ps	45	50	55	75	100	130	145	160	175	195
350	Q	2203.69	1822.71	1172.07							
	Pw	22.73	20.92	17.11							
	Pt	49.37	53.18	56.68							
	V	8.00	6.62	4.26							
	LwiA	81	81	84							
410	Q	3180.99	3026.95	2840.24	1449.17						
	Pw	37.95	37.75	37.26	28.14						
	Pt	53.68	57.91	62.10	77.48						
	V	11.55	10.99	10.31	5.26						
	LwiA	88	87	86	89						
470	Q	4019.06	3891.98	3757.61	3164.83	1456.84					
	Pw	57.61	57.57	57.35	55.80	40.14					
	Pt	58.56	62.80	67.03	83.88	102.71					
	V	14.59	14.13	13.64	11.49	5.29					
	LwiA	93	93	92	90	93					
530	Q	4788.67	4683.73	4578.79	4116.68	3431.68	1120.93				
	Pw	82.08	82.30	82.51	81.98	79.37	49.97				
	Pt	64.12	68.35	72.59	89.53	110.54	132.46				
	V	17.39	17.01	16.63	14.95	12.46	4.07				
	LwiA	97	96	96	95	92	96				
590	Q	5533.74	5439.48	5345.21	4966.84	4431.63	3619.06	2893.75	1429.52		
	Pw	112.72	112.96	113.20	114.10	112.70	107.59	97.34	72.19		
	Pt	70.35	74.58	78.81	95.74	116.92	141.90	153.27	163.43		
	V	20.09	19.75	19.41	18.04	16.09	13.14	10.51	5.19		
	LwiA	100	100	100	99	97	95	98	99		
650	Q	6231.89	6168.55	6089.96	5747.69	5297.64	4701.84	4339.37	3896.59	3243.15	1454.52
	Pw	148.94	150.18	150.75	151.80	152.01	149.88	147.33	142.39	131.24	93.94
	Pt	77.07	81.43	85.71	102.64	123.81	149.19	161.73	173.92	185.29	198.88
	V	22.63	22.40	22.11	20.87	19.24	17.07	15.76	14.15	11.78	5.28
	LwiA	103	103	103	102	101	99	98	98	100	102

RPM	Ps	175	200	225	260	295	330	360	420	465	510
700	Q	4519.82	3645.43	1727.03							
	Pw	182.76	167.36	121.32							
	Pt	193.29	212.72	229.91							
	V	16.41	13.24	6.27							
	LwiA	100	101	105							
750	Q	5384.93	4861.36	4071.72	1628.32						
	Pw	229.86	224.96	209.51	142.84						
	Pt	200.24	221.14	240.70	265.04						
	V	19.55	17.65	14.78	5.91						
	LwiA	103	102	103	107						
800	Q	6148.80	5726.47	5235.63	4210.36	1837.03					
	Pw	281.63	278.78	273.55	250.98	176.68					
	Pt	207.47	228.57	249.47	276.91	301.02					
	V	22.33	20.79	19.01	15.29	6.67					
	LwiA	106	105	104	105	110					
880	Q	7291.17	6932.34	6573.50	5977.84	5222.99	4011.01	1682.98			
	Pw	377.91	375.83	373.75	366.92	351.76	312.09	221.21			
	Pt	219.90	241.08	262.26	291.62	320.11	346.43	366.22			
	V	26.47	25.17	23.87	21.71	18.97	14.56	6.11			
	LwiA	110	109	108	107	106	111	112			
960	Q	8356.78	8062.75	7733.81	7273.30	6757.24	6184.59	5450.85	2691.68		
	Pw	489.91	491.38	489.11	485.93	479.98	471.20	447.89	328.13		
	Pt	233.54	254.70	275.88	305.53	334.99	364.25	387.77	430.34		
	V	30.34	29.28	28.08	26.41	24.54	22.46	19.79	9.77		
	LwiA	112	112	112	111	110	109	109	115		
1050	Q	9504.14	9239.29	8974.44	8569.11	8148.07	7727.04	7284.60	6231.63	4951.67	2242.52
	Pw	638.11	640.23	642.34	640.88	637.40	633.93	626.07	597.53	538.58	389.79
	Pt	250.30	271.46	292.62	322.27	351.92	381.57	406.68	455.74	489.66	519.73
	V	34.51	33.55	32.59	31.12	29.59	28.06	26.45	22.63	17.98	8.14
	LwiA	115	115	115	114	114	113	112	111	115	117

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

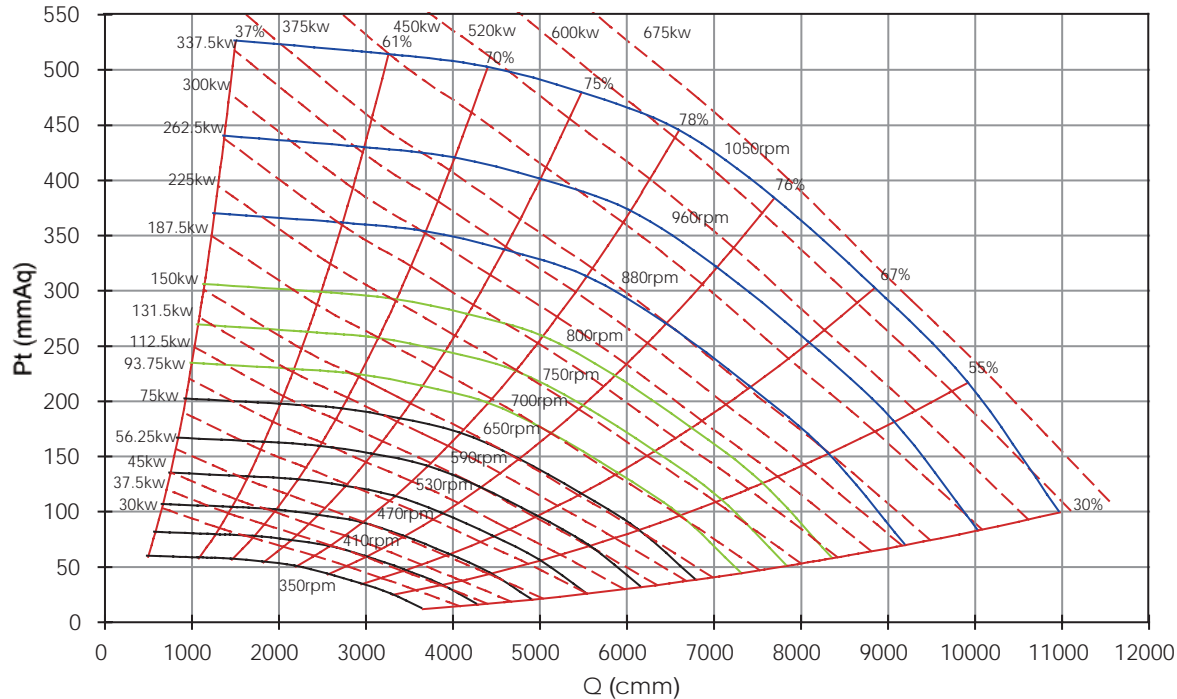
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

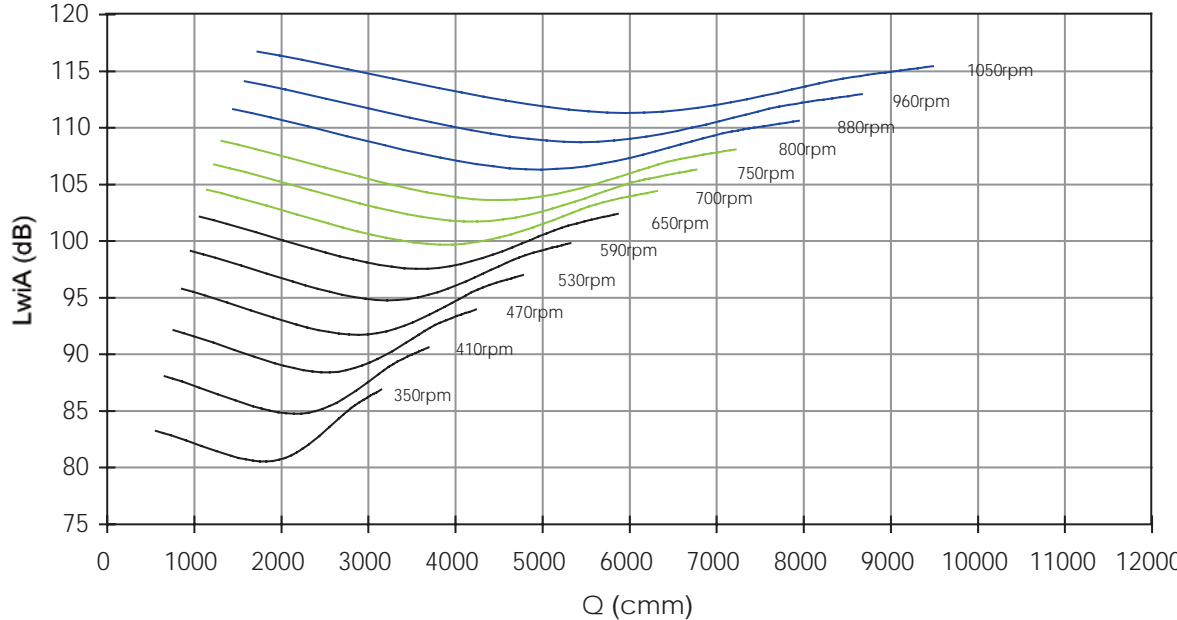
Performance Data



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸（動）損失。各項性能額定值不包括附屬物（附件）的影響。

Sound Performance Data



Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。



## BAZ2000

## BAZ2000

WHEEL : 2000 mm  
葉輪尺寸  
空氣密度 :  $\rho = 1.2 \text{ kg/m}^3$

OUTLET : 2850 x 2000 mm (WxH,inside 寬x高)  
風機出口尺寸  
OUTLET AREA : 5.7000 m<sup>2</sup> (inside area)  
風機出口面積

Op. Limit	CL.I	CL.II	CL.III
Type	H	V	X
M. kw	131.25	375	825
M. RPM	550	700	950

RPM	Ps	40	45	50	70	90	115	125	140	155	170
300	Q	2638.69	2179.49	1350.39							
	Pw	24.33	22.47	18.09							
	Pt	44.09	47.97	51.48							
	V	7.72	6.37	3.95							
	LwiA	80	80	83							
350	Q	3744.39	3543.89	3300.08	1012.65						
	Pw	40.00	39.77	39.19	24.35						
	Pt	47.88	52.11	56.30	71.32						
	V	10.95	10.36	9.65	2.96						
	LwiA	87	86	85	87						
400	Q	4699.41	4533.50	4358.06	3566.73	1544.02					
	Pw	60.13	60.09	59.83	57.83	40.26					
	Pt	52.16	56.40	60.63	77.46	92.22					
	V	13.74	13.26	12.74	10.43	4.51					
	LwiA	92	92	91	88	91					
450	Q	5578.66	5441.33	5304.01	4693.28	3958.03	1473.85				
	Pw	85.08	85.33	85.58	84.79	82.11	53.97				
	Pt	57.03	61.26	65.49	82.43	99.21	117.43				
	V	16.31	15.91	15.51	13.72	11.57	4.31				
	LwiA	96	96	95	93	91	94				
500	Q	6430.45	6306.85	6183.26	5675.64	5114.26	4222.72	3632.48	2065.38		
	Pw	116.19	116.47	116.74	117.37	116.08	111.08	104.04	80.84		
	Pt	62.46	66.69	70.92	87.86	104.80	125.62	133.25	143.69		
	V	18.80	18.44	18.08	16.60	14.95	12.35	10.62	6.04		
	LwiA	99	99	98	97	96	94	94	98		
550	Q	7229.67	7146.50	7037.54	6588.10	6107.96	5454.59	5137.28	4599.39	3741.43	2153.79
	Pw	152.87	154.31	154.75	155.96	155.85	153.75	151.78	147.19	134.25	105.26
	Pt	68.32	72.68	76.93	93.86	110.80	131.95	140.31	152.65	164.02	174.26
	V	21.14	20.90	20.58	19.26	17.86	15.95	15.02	13.45	10.94	6.30
	LwiA	102	102	101	101	100	98	97	96	99	101

RPM	Ps	175	190	205	240	280	315	345	425	470	515
600	Q	4604.91	3710.84	1864.88							
	Pw	184.01	166.69	125.66							
	Pt	188.06	199.27	209.13							
	V	13.46	10.85	5.45							
	LwiA	99	102	104							
650	Q	6060.23	5657.49	5006.00	2118.62						
	Pw	250.44	246.94	234.30	162.39						
	Pt	196.32	208.86	220.42	245.05						
	V	17.72	16.54	14.64	6.19						
	LwiA	102	101	101	106						
700	Q	7188.03	6849.48	6475.51	5296.27	2025.31					
	Pw	318.64	316.04	312.28	290.42	194.78					
	Pt	204.22	216.84	229.39	257.35	285.28					
	V	21.02	20.03	18.93	15.49	5.92					
	LwiA	105	104	104	103	108					
780	Q	8770.37	8500.47	8230.58	7540.77	6582.30	5138.24	2625.63			
	Pw	445.13	443.61	442.10	436.11	421.57	377.10	283.72			
	Pt	217.75	230.45	243.16	272.66	305.81	332.27	352.49			
	V	25.64	24.86	24.07	22.05	19.25	15.02	7.68			
	LwiA	109	109	109	107	106	110	112			
860	Q	10246.02	10030.44	9796.18	9225.00	8552.74	7842.48	7098.92	2189.66		
	Pw	596.62	598.05	597.49	593.58	588.15	577.37	559.44	346.25		
	Pt	232.75	245.44	258.15	287.80	321.63	350.90	375.28	432.15		
	V	29.96	29.33	28.64	26.97	25.01	22.93	20.76	6.40		
	LwiA	113	112	112	111	110	110	109	114		
950	Q	11819.74	11624.59	11429.44	10971.34	10380.41	9863.35	9386.64	7717.18	6142.71	2830.04
	Pw	800.17	801.74	803.32	806.64	801.71	797.39	791.67	748.74	675.38	491.65
	Pt	251.38	264.08	276.78	306.41	340.29	369.94	395.25	461.00	494.90	524.98
	V	34.56	33.99	33.42	32.08	30.35	28.84	27.45	22.56	17.96	8.27
	LwiA	116	116	115	115	114	114	113	112	116	117

Ps : mmAq  
靜壓

Q : cmm  
風量

Pw : kw  
軸功率

Pt : mmAq  
全壓

V : m/s  
風速

LwiA : dB  
A加權聲功率

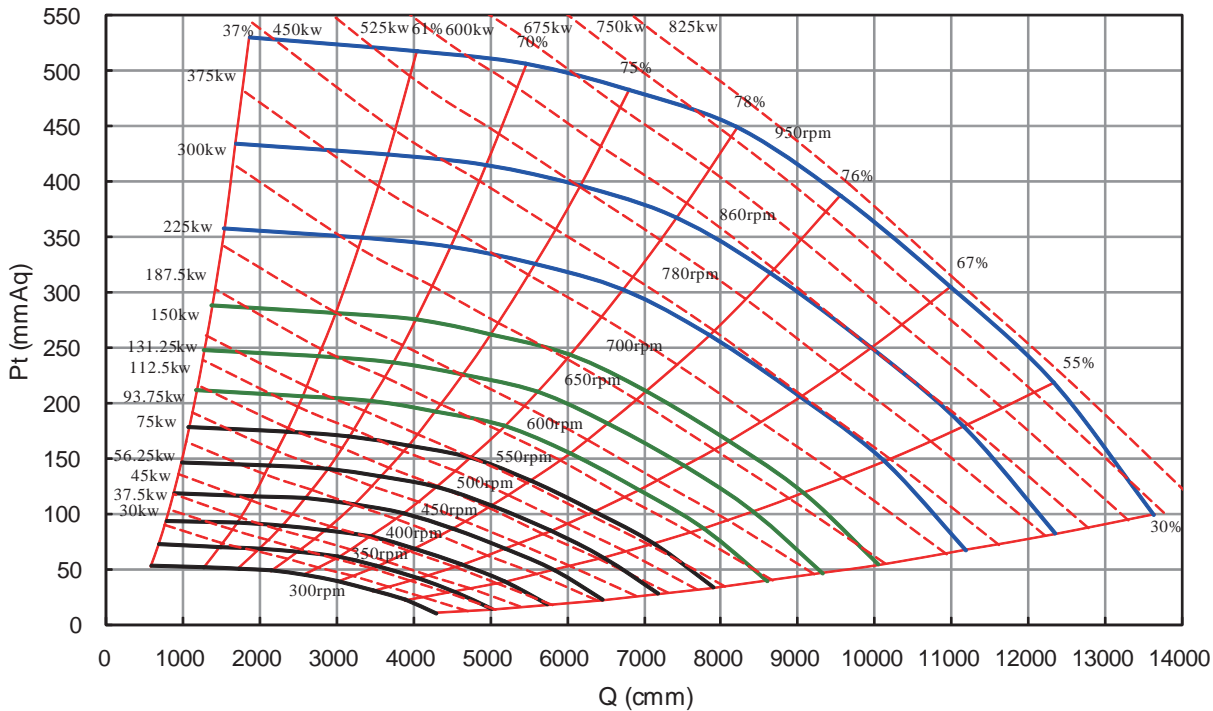
Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。

Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。

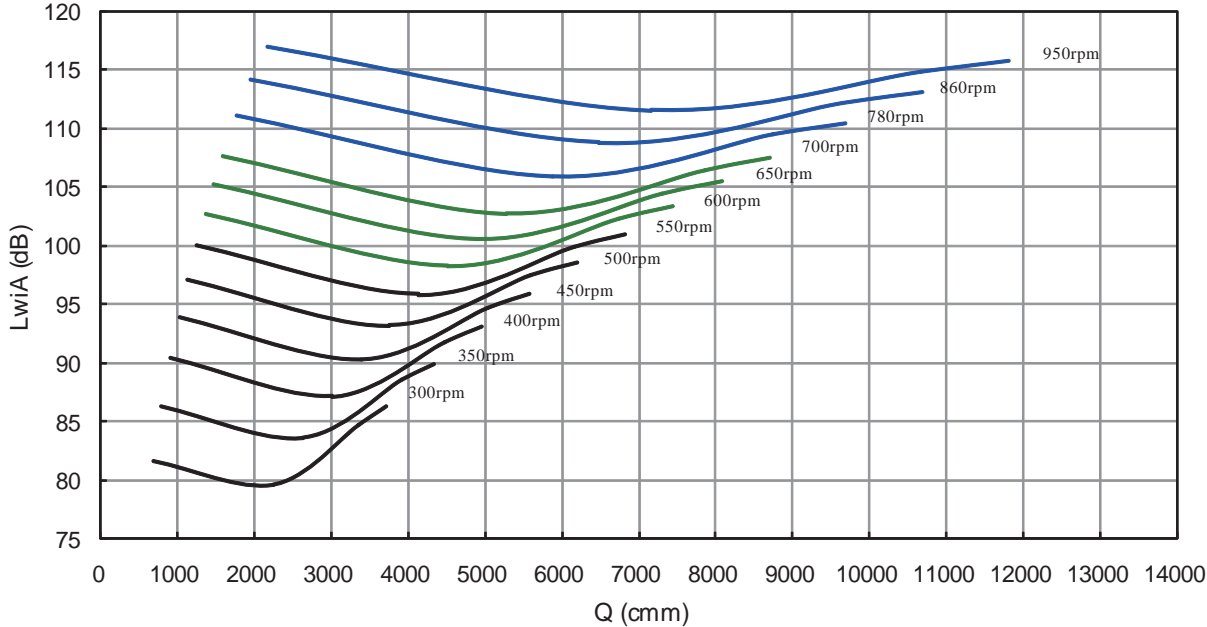
Performance Data



Performance certified is for installation type B: free inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) does not include transmission losses.

經認證的性能是B類安裝 - 自由入口，管道出口。功率額定值（kW）不包括傳輸(動)損失。各項性能額定值不包括附屬物（附件）的影響。

Sound Performance Data

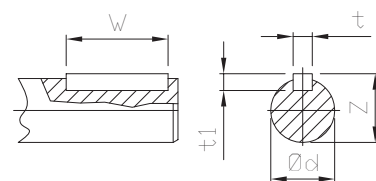
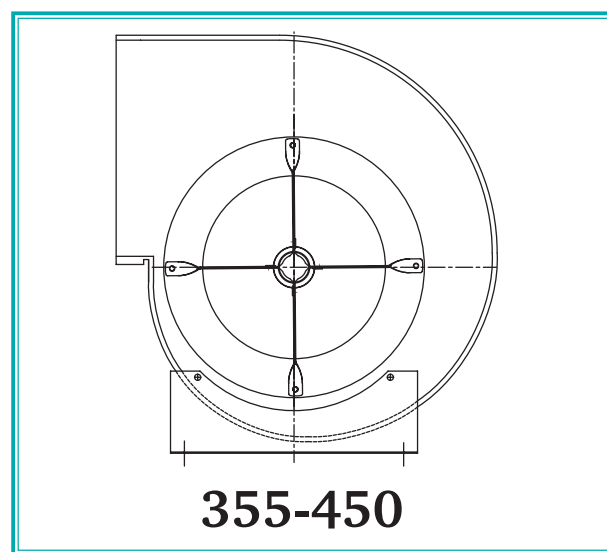
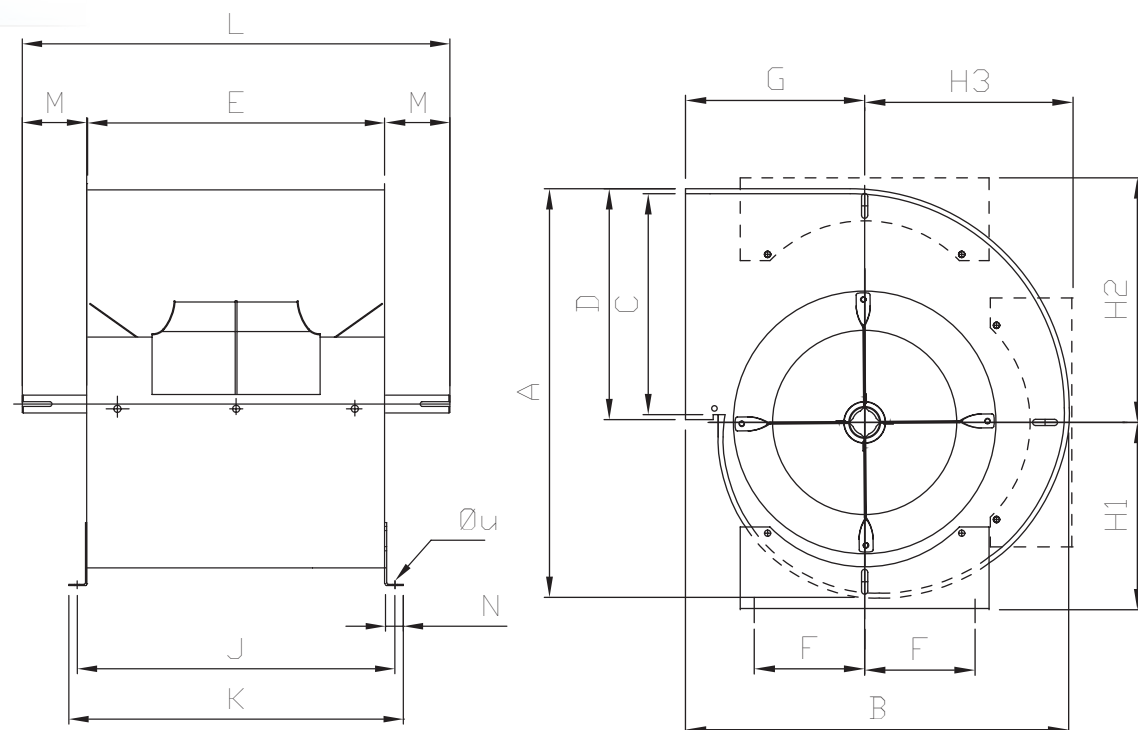


Values shown are for inlet LwiA sound power level for installation Type B: free inlet, ducted outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

所示值為安裝類型B：自由入口，管道出口的聲功率級（入口LwiA）。所示A加權聲音性能額定值已按AMCA International標準301計算。



### BAZ 355-450 'L'



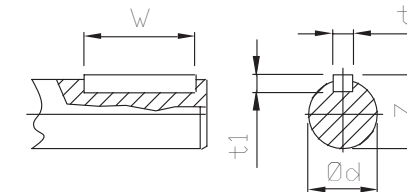
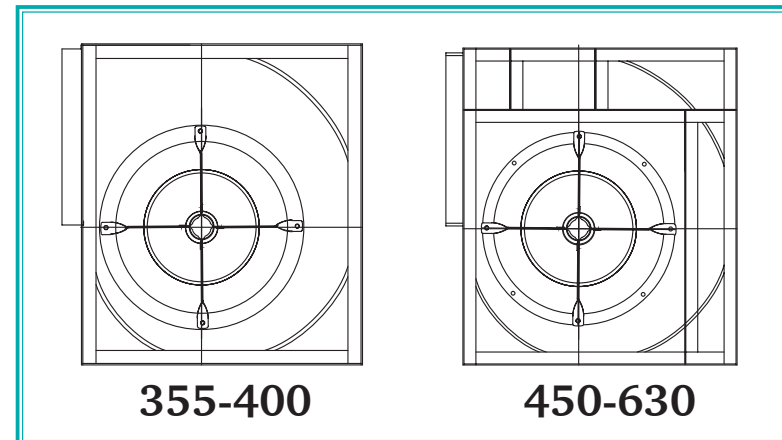
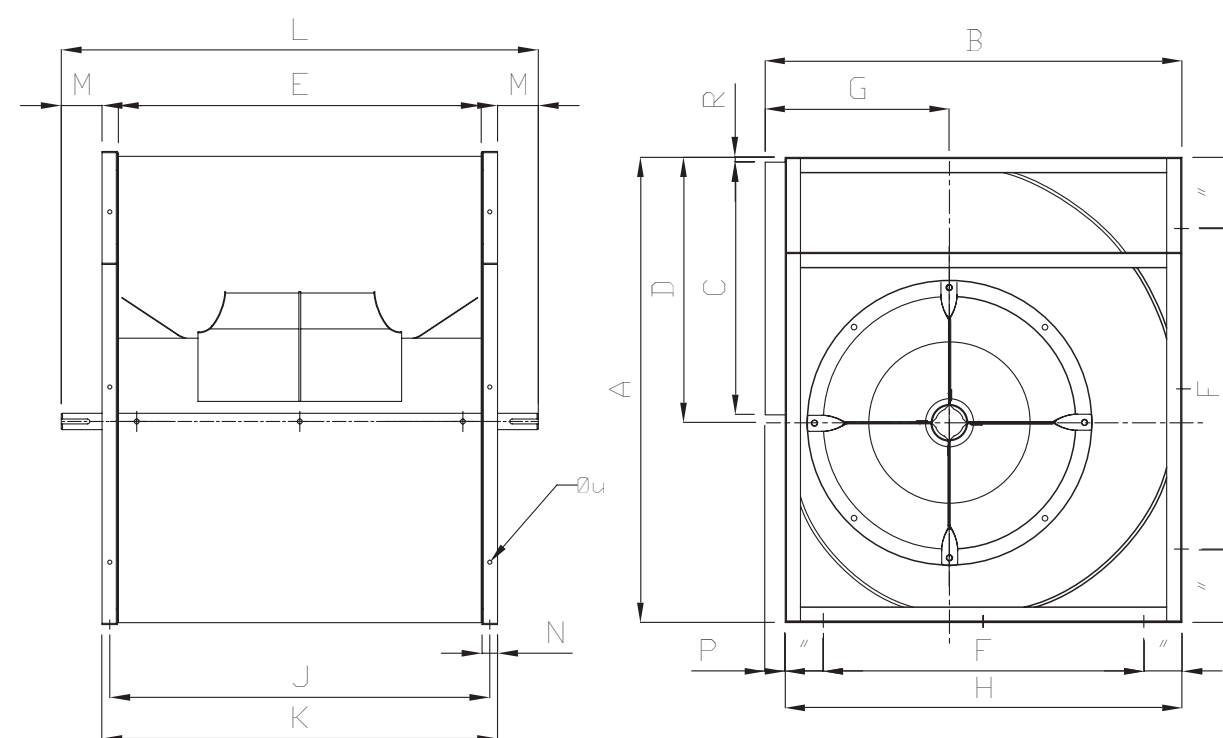
Model	A	B	C	D	E	F	G	H1	H2	H3	J	K	L	M	N	W	Φd	Φu
355	692	655	355	371	500	178	309	331	381	356	535	563	719	108	30	50	30	12
400	778	729	400	416	560	178	341	372	426	398	595	623	779	108	30	50	30	12
450	876	813	450	466	640	225	375	420	476	448	676	704	859	108	30	50	35	12

All dimensions in mm

※外框結構將視馬力及型號大小進行補強，如有變更將不另行通知。

The other frame structure will look at horsepower and size of type to mend strongly, if there is the change not to issue a notice

### BAZ 355-630 'M'



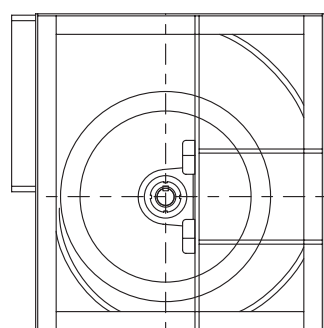
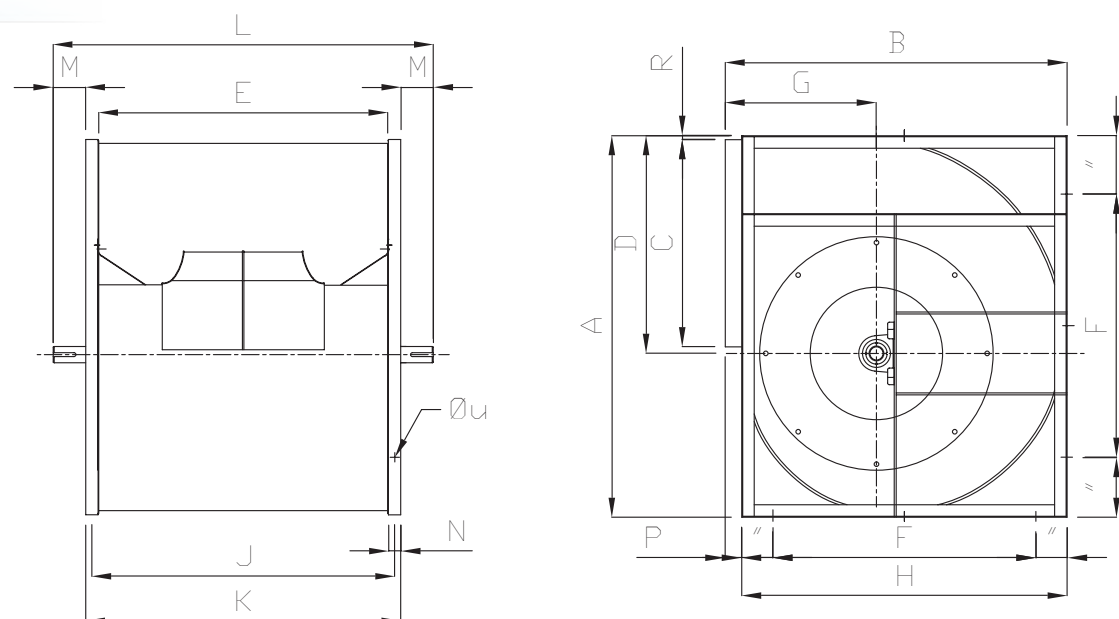
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	W	Φd	Φu
355	696	655	355	396	500	417	309	597	533	563	719	78	30	60	10	50	30	14
400	782	729	400	444	560	491	341	671	593	623	779	78	30	60	10	50	30	14
450	880	813	450	500	640	575	375	755	673	703	859	78	30	60	10	50	35	14
500	977	897	500	973	700	659	410	839	743	783	963	90	40	60	10	60	35	14
560	1095	997	560	623	790	759	452	939	833	873	1069	98	40	60	10	70	40	14
630	1206	1080	630	693	890	842	479	1022	933	973	1173	100	40	60	10	70	40	14

All dimensions in mm

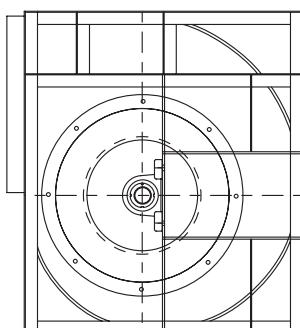
※外框結構將視馬力及型號大小進行補強，如有變更將不另行通知。

The other frame structure will look at horsepower and size of type to mend strongly, if there is the change not to issue a notice

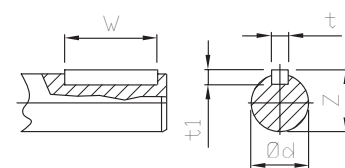
## BAZ 355-1000 'H'



355-400



450-1000



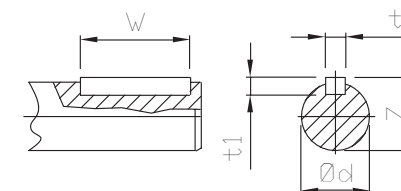
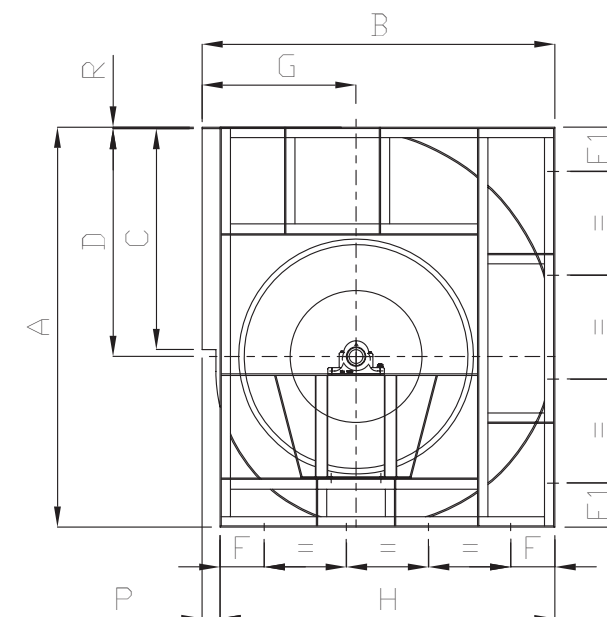
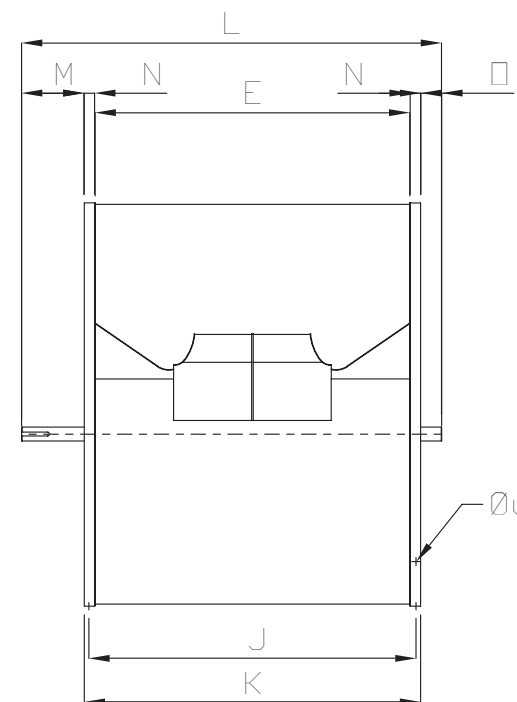
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	W	Φd	Φu
355	696	655	355	396	500	417	309	597	533	563	803	120	30	60	10	50	40	14
400	782	729	400	444	560	491	341	671	593	623	893	135	30	60	10	50	40	14
450	880	813	450	500	640	575	375	755	673	703	973	135	30	60	10	52	45	14
500	977	897	500	973	700	659	410	839	743	783	1097	157	40	60	10	65	50	14
560	1095	997	560	623	790	759	452	939	833	873	1187	157	40	60	10	65	50	14
630	1206	1080	630	693	890	842	479	1022	933	973	1307	167	40	60	10	67	55	14
710	1356	1207	710	779	1000	969	531	1149	1053	1103	1355	126	50	60	10	67	55	18
800	1528	1351	800	879	1130	1113	589	1293	1183	1233	1547	157	50	60	10	69	60	18
900	1715	1510	900	987	1270	1272	655	1452	1323	1373	1687	157	50	60	10	69	65	18
1000	1902	1679	1000	1095	1400	1431	730	1611	1454	1504	1868	182	50	70	10	71	70	18

All dimensions in mm

※外框結構將視馬力及型號大小進行補強，如有變更將不另行通知。

The other frame structure will look at horsepower and size of type to mend strongly, if there is the change not to issue a notice

## BAZ 1120-2000 'H'



Model	A	B	C	D	E	F	F1	G	H	J	K	L	M	N	O	P	R	W	Φd	Φu
1120	2131	1901	1120	1227	1580	255	255	837	1803	1659	1734	1973	164	75	75	100	10	84	75	18
1250	2374	2107	1250	1367	1770	300	300	922	2009	1851	1926	2196	195	75	75	100	10	86	80	18
1400	2654	2353	1400	1529	1980	300	300	1028	2247	2061	2136	2375	164	75	75	108	10	86	80	18
1600	3032	2671	1600	1747	2260	320	320	1157	2565	2341	2416	2724	233	75	75	108	10	101	90	18
1800	3410	3016	1800	1966	2550	350	350	1313	2884	2646	2736	3014	218	90	60	134	10	152	90	18
2000	3784	3333	2000	2181	2850	350	350	1443	3201	2946	3036	336	243	90	85	134	10	155	100	18

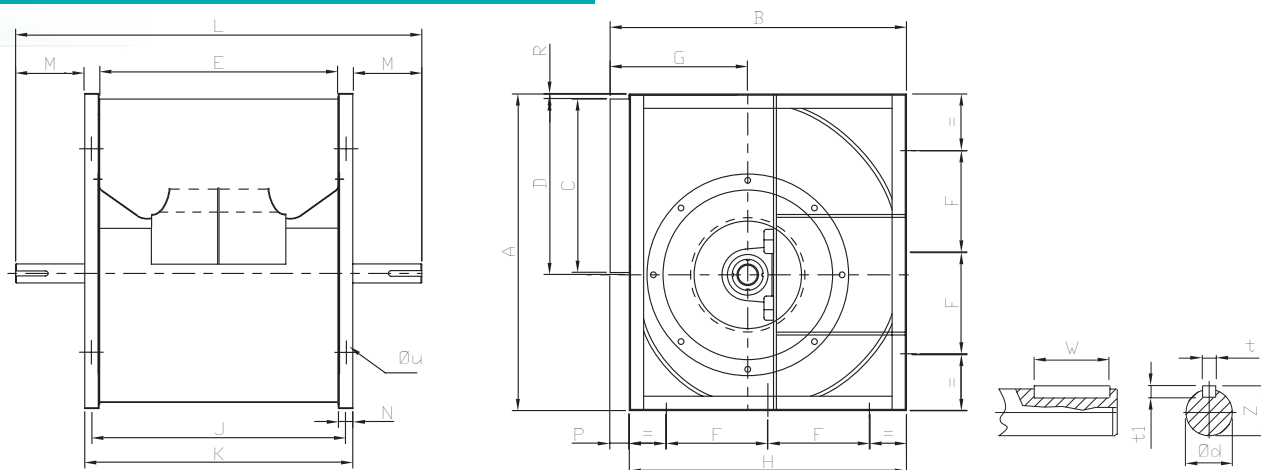
All dimensions in mm

※外框結構將視馬力及型號大小進行補強，如有變更將不另行通知。

The other frame structure will look at horsepower and size of type to mend strongly, if there is the change not to issue a notice



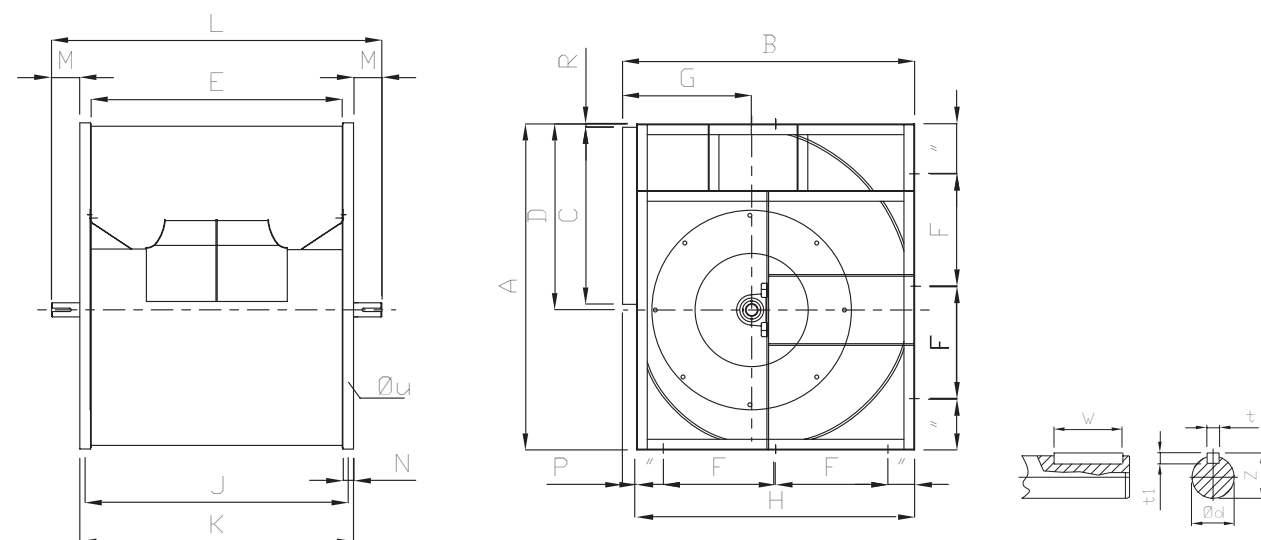
### BAZ 355-400 'V'



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	W	$\Phi d$	$\Phi u$
355	696	655	355	396	500	209	309	597	533	563	897	167	30	60	10	50	40	14
400	782	729	400	444	560	245	341	671	593	623	957	167	30	60	10	52	45	14

All dimensions in mm

### BAZ 450 - 1000 'V'



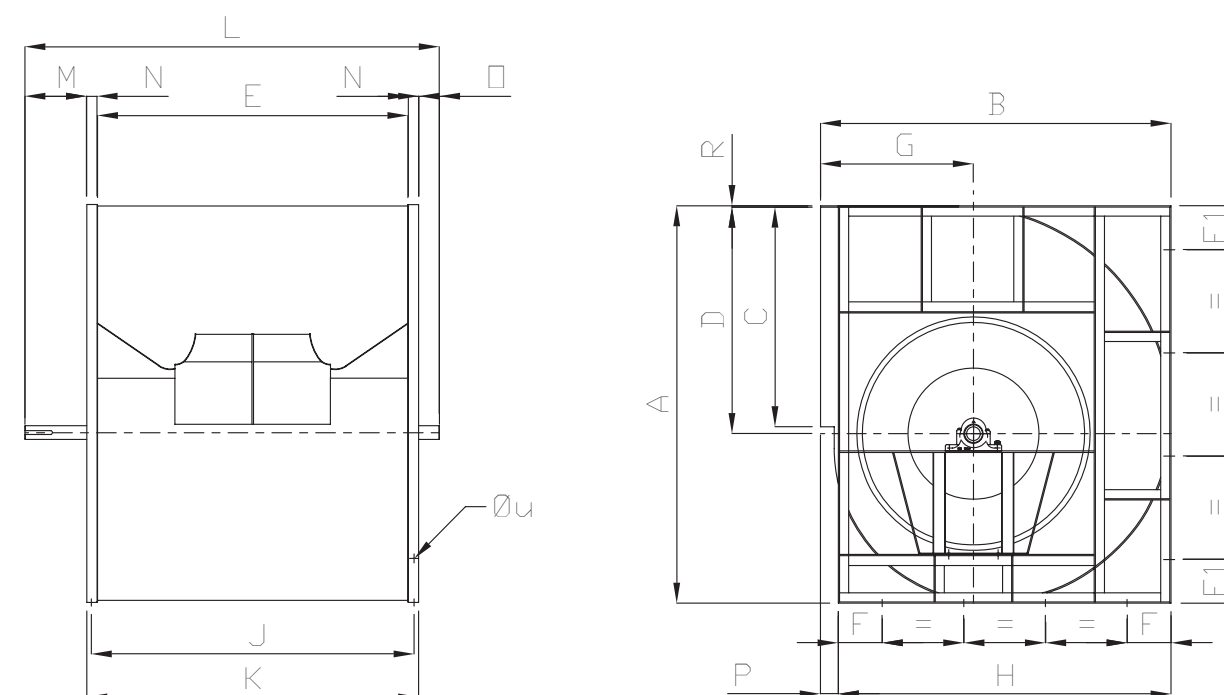
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	W	$\Phi d$	$\Phi u$
450	880	813	450	500	640	288	375	755	673	703	1037	167	30	60	10	65	50	14
500	977	897	500	973	700	329	410	839	743	783	1117	167	40	60	10	67	55	14
560	1095	997	560	623	790	380	452	939	833	873	1207	167	40	60	10	69	65	14
630	1206	1080	630	693	890	421	479	1022	933	973	1383	205	40	60	10	69	65	14
710	1356	1207	710	779	1000	485	531	1149	1053	1103	1417	157	50	60	10	69	65	18
800	1528	1351	800	879	1130	557	589	1293	1183	1233	1547	157	50	60	10	69	65	18
900	1715	1510	900	987	1270	636	655	1452	1323	1373	1763	195	50	60	10	69	65	18
1000	1902	1679	1000	1095	1400	715	730	1611	1454	1504	1944	220	50	70	10	71	70	18

All dimensions in mm

※外框結構將視馬力及型號大小進行補強，如有變更將不另行通知。

The other frame structure will look at horsepower and size of type to mend strongly, if there is the change not to issue a notice

### BAZ 1120-2000 'V'



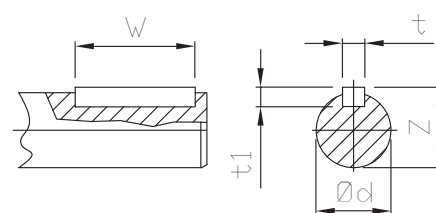
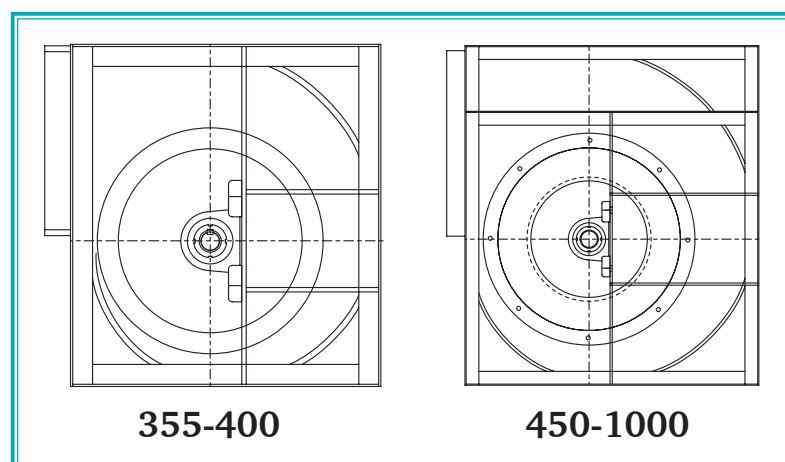
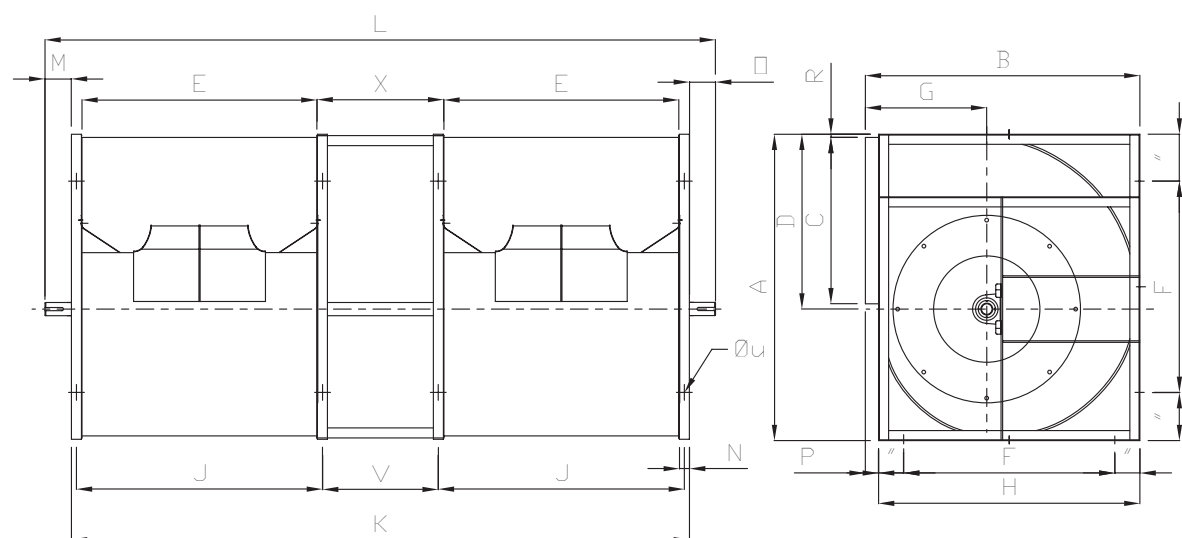
Model	A	B	C	D	E	F	F1	G	H	J	K	L	M	N	O	P	R	W	$\Phi d$	$\Phi u$
1120	2131	1901	1120	1227	1580	255	255	837	1803	1659	1734	2042	233	75	75	100	10	98	80	18
1250	2374	2107	1250	1367	1770	300	300	922	2009	1851	1926	2234	233	75	75	100	10	98	85	18
1400	2654	2353	1400	1529	1980	300	300	1028	2247	2061	2136	2444	233	75	75	108	10	101	90	18
1600	3032	2671	1600	1747	2260	320	320	1157	2565	2341	2416	2774	258	75	100	108	10	104	100	18
1800	3410	3016	1800	1966	2550	350	350	1313	2884	2646	2736	3119	298	90	85	134	10	155	110	18
2000	3784	3333	2000	2181	2850	350	350	1443	3201	2946	3036	3479	328	90	115	134	10	159	125	18

All dimensions in mm

※外框結構將視馬力及型號大小進行補強，如有變更將不另行通知。

The other frame structure will look at horsepower and size of type to mend strongly, if there is the change not to issue a notice

## BAZ 355-1000 'G2 H'



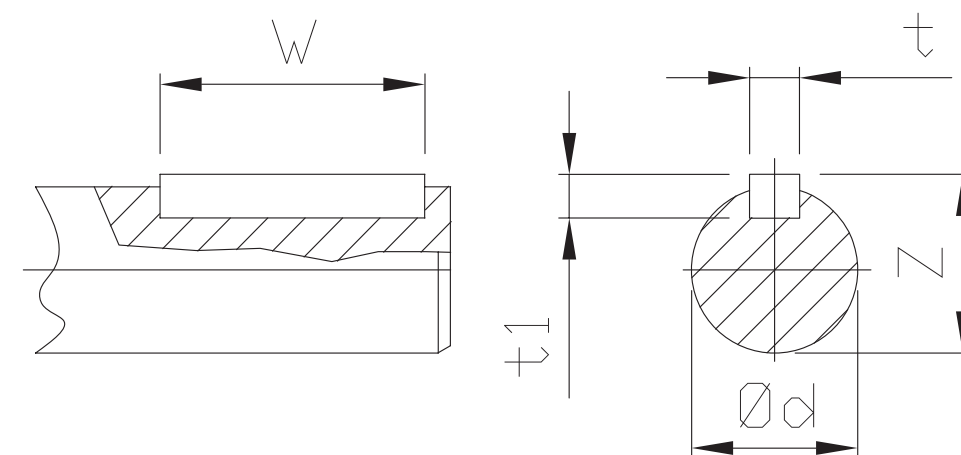
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R	V	X	W	Φd	Φu
355	696	655	355	396	500	417	309	597	533	1451	1646	110	30	85	60	10	355	388	38	40	14
400	782	729	400	444	560	491	341	671	593	1616	1836	135	30	85	60	10	400	433	38	45	14
450	880	813	450	500	640	575	375	755	673	1826	2046	135	30	85	60	10	450	483	38	50	14
500	977	897	500	573	700	659	410	839	743	2026	2246	135	40	85	60	10	500	543	51	55	14
560	1095	997	560	623	790	759	452	939	833	2266	2491	140	40	85	60	10	560	603	51	65	14
630	1206	1080	630	693	890	842	479	1022	933	2536	2786	140	40	110	60	10	630	673	51	75	14
710	1356	1207	710	779	1000	969	531	1149	1053	2866	3116	150	50	100	60	10	710	763	51	80	18
800	1528	1351	800	879	1130	1113	589	1293	1183	3216	3466	150	50	100	60	10	800	853	76	85	18
900	1715	1510	900	987	1270	1272	655	1452	1323	3596	3871	150	50	125	60	10	900	953	76	100	18
1000	1902	1679	1000	1095	1400	1431	730	1611	1454	3958	4233	150	50	125	70	10	1000	1054	76	115	18

All dimensions in mm

※外框結構將視馬力及型號大小進行補強，如有變更將不另行通知。

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## KEY WAY dimensions. 軸鍵槽尺寸



Φd	t	t1	Z
20	6	6	22.8
25	8	7	28.3
30	8	7	33.3
35	10	8	38.3
40	12	8	43.3
45	14	9	48.8
50	14	9	53.8
55	16	10	59.3
60	18	11	64.4
65	18	11	69.4

Φd	t	t1	Z
70	20	12	74.9
75	20	12	79.9
80	22	14	85.4
85	22	14	90.4
90	25	14	95.4
95	25	14	100.4
100	28	16	106.4
110	28	16	116.4
115	32	18	122.4
125	32	18	132.4

All dimensions in mm

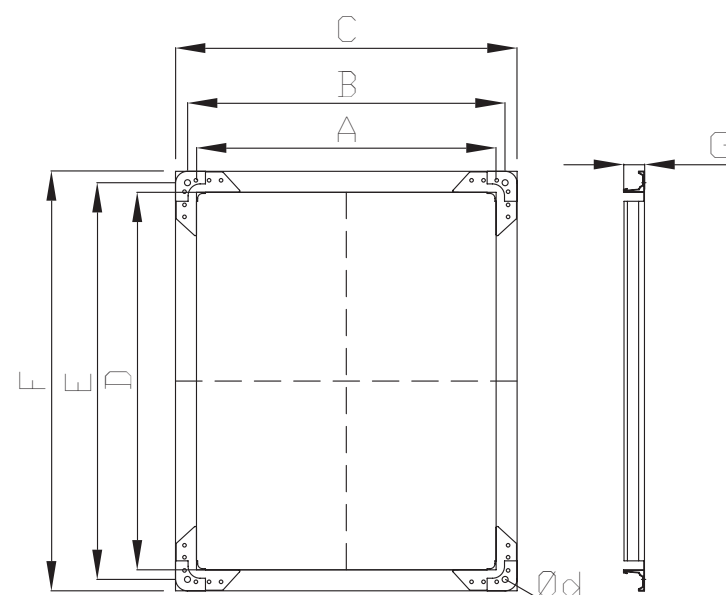




## Accessories dimensions.

選購配件尺寸

Model	A	B	C	D	E	F	G	ψd
355	500	529	557	355	387	425	28	10
400	560	589	617	400	432	470	28	10
450	640	669	697	450	482	520	28	10
500	700	729	757	500	532	570	28	10
560	790	819	847	560	592	630	28	10
630	890	920	960	630	662	700	35	10
710	1000	1030	1070	710	742	780	35	10
800	1130	1160	1200	800	832	870	35	10
900	1270	1300	1340	900	932	970	35	10
1000	1400	1430	1470	1000	1032	1070	35	10



## Pressure probes壓力探測器

On request, fan can be supplied fitted with “ Q-meter” pressure probes on the inlet cones which, with appropriate calibration, allow easy flow-rate measurement on the operating fan. Please Flowtech for futher information.

如有需要，可以提供將壓力探測器裝於入風口導風圈上，透過換算可以很容易的得到運轉風機的流量。詳細的資料請與陽鼎實業股份有限公司聯繫

The characteristics of the fan stated in this in this catalogue, like dimensions, performances and so on, can be modified without previous notice, therefore the company reserves the right to make changes to the illustrated products. Certified dimension will be provided upon request.

本目錄文中所述之風機，如尺寸、性能參數等，可能進行修改，修改時恕不事先通知。因此本公司保留對此一產品進行修改之權力。



**BAZ** Series

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