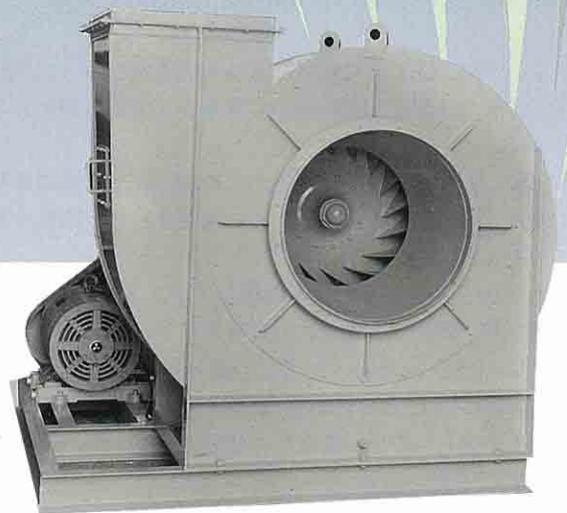


**アダチ送風機** ADACHI  
KIKO  
FANS

**ターボファン・ブロワ**

**TURBO FANS TYPE-TF**  
**TURBO BLOWERS TYPE-TB**



**KAK ADACHI KIKO CO., LTD.**

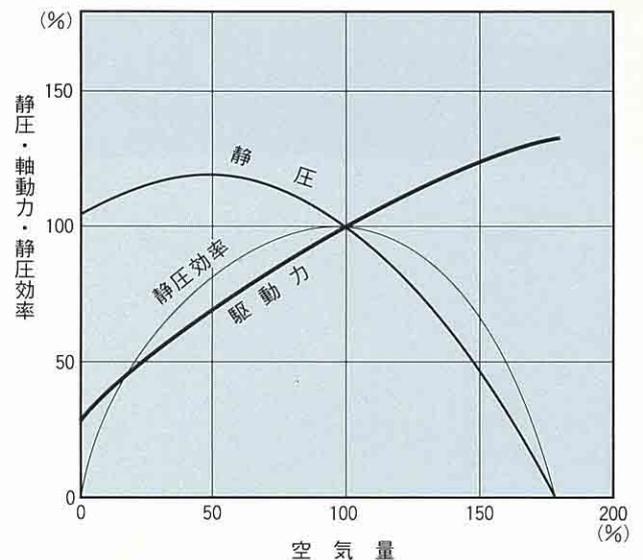
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## ターボファン・ブロワの構造と特長

- ケーシングは、羽根車より出た速い絶対速度をもった気体を理想的なウス形室で有効圧力に変換させる様に設計してあります。  
また振動、騒音の発生を極力防止する様に十分な板厚の鋼板で製作され、さらに大きさにより補強を行ない剛性を高めております。
- 羽根車は後方湾曲形の羽根を採用しています。羽根は、羽根車の主板、側板に溶接されており動バランステストにより完全にバランス調整されております。
- ターボファン・ブロワの特長は下記の通りです。
  - Ns(比速度)により分類され、機種が多い。
  - 強力吸引が得られる。
  - リミットロード性を持っている。
  - サーシングの影響が少ない。
  - 圧力曲線が急降性を持っている。
  - 高回転、高圧力が可能である。
- クラスⅡは、ダクト配管はそのまま羽根車を取り出すことができ、点検・修理の容易なランナー引出し構造です。

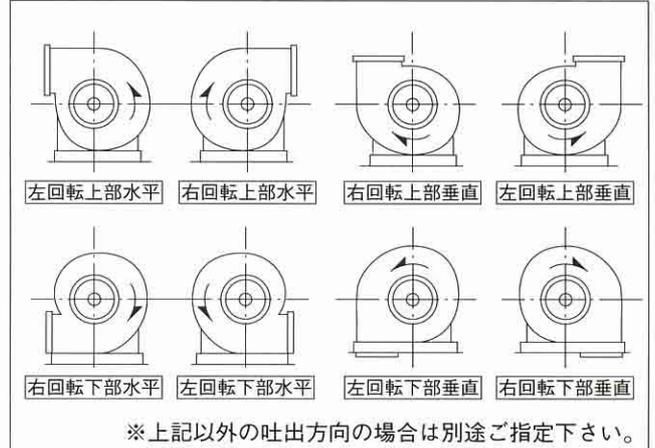
■ターボファン・ブロワの特性曲線図



## 送風機の選定及び照会についてのご指定事項

1. 空気量 カタログは標準状態(温度20℃、気圧760mmHg、相対湿度65%)における空気の場合の数値です。  
m<sup>3</sup>/M、m<sup>3</sup>/H、Nm<sup>3</sup>/M、Nm<sup>3</sup>/Hをご指定ください。  
空気以外の気体の場合は気体の種類をご指定ください。
2. 風圧 吸入風圧、吐出風圧(mmAq)。標準状態以外の風圧の場合は密度をご指定ください。
3. 用途およびガスの種類  
高速ダクト空調用、気力コンベアー粉体輸送用、乾燥用、集塵(クリーンルーム)装置用、ボイラー、焼却炉の誘引、押し込み用、耐熱用、耐酸用、耐寒用、ガス温度、密度、組成等
4. 電動機 電圧・周波数・極数・形式等、出力は送風機軸動力に10%~15%の余裕をもたせてご指定ください。
5. 駆動方法 ベルト掛式、電動機直結式、カップリング直結式。
6. 付属品 Vプーリー、Vベルト、ベルトカバー、相フランジが標準付属品です。
7. 回転吐出方向および据え付け場所  
回転吐出方向は、駆動側より見てご指定ください。
8. 塗装 弊社標準色マンセルN5。特別指定色の場合はご指定ください。

### 回転方向と吐出方向(駆動軸から見て)



(注) モーター容量および軸受仕様(空冷式または水冷式)により共通架台の寸法が変わる場合があります。正式な外形寸法は承認図でご確認ください。

Note: For extra construction information, ask certified dimension sheet. The dimensions of left rotation are in contract to the above.

## 単位換算式

本カタログの仕様は標準状態の空気(温度20℃、気圧760mmHg、相対湿度65%)の場合で示してあります。

標準状態以外の仕様・単位で示された場合には、次の各換算式を用いて標準状態にした上で指定ください。

### 1. 風量

$$\begin{aligned} \text{CFM} &\rightarrow \text{m}^3/\text{min} && \text{CFM} \times 0.0283 = \text{m}^3/\text{min} \\ \text{kg}/\text{min} &\rightarrow \text{m}^3/\text{min} && \text{kg}/\text{min} \times 1/\gamma, \text{kg}/\text{m}^3 = \text{m}^3/\text{min} \\ \text{Nm}^3/\text{min} &\rightarrow \text{m}^3/\text{min} && \text{Nm}^3/\text{min} \times \frac{10332}{10332+P_1} \times \frac{273+t_1}{273} \div \text{m}^3/\text{min} \end{aligned}$$

t<sub>1</sub>: 吸込温度(℃)

P<sub>1</sub>: 吸込圧力(mmAq)

γ<sub>1</sub>: 吸込比重量

$$\left(\gamma_1 \div \gamma_0 \times \frac{273}{273+t_1} \times \frac{10332+P_1}{10332}\right)$$

### 2. 圧力

$$\begin{aligned} \text{mmHG} &\rightarrow \text{mmAq} && \text{mmHG} \times 13.6 = \text{mmAq} \\ \text{kg}/\text{cm}^2\text{G} &\rightarrow \text{mmAq} && \text{kg}/\text{cm}^2\text{G} \times 10,000 = \text{mmAq} \\ \text{Pa} &\rightarrow \text{mmAq} && \text{Pa} \times 1/9.81 = \text{mmAq} \\ \text{INCH} &\rightarrow \text{mmAq} && \text{INCH} \times 25.4 = \text{mmAq} \end{aligned}$$

※全圧TPで表示されている場合は25mmAqを差し引いて静圧SPとして選定してください。選定後、吐出風速より動圧を算出して、正式な静圧を計算してください。

$$\Delta P = \frac{V^2}{2g} \gamma, \text{mmAq} \quad \text{標準状態の空気では } \Delta P = \frac{V^2}{16}$$

$$\text{SP} = \text{TP} - \Delta P$$

TP: 全圧 mmAq  
ΔP: 動圧 mmAq  
g: 重力加速度 m/s<sup>2</sup>  
SP: 静圧 mmAq  
V: 吐出速度 m/s

## 性能変換式

### 1. 回転数の変化と送風機性能について

選定図において上下の性能曲線に隔たりがある場合、中間回転数をとることによって動力を軽減し、騒音を抑え、最適な性能ポイントを選定することができます。

- 風量は回転数の比に比例する  $Q_2 = \frac{N_2}{N_1} \times Q_1$
- 静圧は回転数の比の2乗に比例する  $P_2 = \left(\frac{N_2}{N_1}\right)^2 \times P_1$
- 軸動力は回転数の比の3乗に比例する  $L_2 = \left(\frac{N_2}{N_1}\right)^3 \times L_1$

$N_1$  : 最初の回転数  
 $Q_1$  : 最初の風量  
 $L_1$  : 最初の軸動力  
 $N_2$  : 変更後の回転数  
 $Q_2$  : 変化した風量  
 $L_2$  : 変化後の軸動力

### 2. 温度による性能換算

気体は温度の変化によって、その状態は激しく変わります。送風機の中を通る気体も絶対温度に比例して膨張しますので、体積が2倍になれば圧力は半分になります。もちろん温度が下がれば体積は小さくなり、圧力は体積が小さくなった割合で大きくなります。

気体の温度が  $t_1$  から  $t_2$  に変化した場合の性能換算式は次の通りです。

風量  $Q_2 = Q_1 \dots \dots \dots m^3/min$

圧力  $P_2 = \frac{273+t_1}{273+t_2} \times P_1 \dots \dots \dots mmAq$

軸動力  $L_2 = \frac{273+t_1}{273+t_2} \times L_1 \dots \dots \dots kW$

## 回転数と軸受

シャフトの周速度により軸受の種類を定めております。

- ①ピロー型ユニット…………… 低回転(DN値 120000 まで)
- ②グリース潤滑ボールベアリング…中回転(DN値 180000 まで)
- ③オイル潤滑ボールベアリング…高速回転(DN値 300000 まで)

※DN値：軸径(mm)×軸回転数(rpm)

上記基準は軸荷重を考慮しておりません。軸荷重よっては基準が異なってきます。

## 送風機効率の求め方

$$\text{送風機効率} = \frac{\text{風量}(m^3/min) \times \text{全圧}(mmAq)}{6120 \times \text{軸動力}(kW)} \times 100\%$$

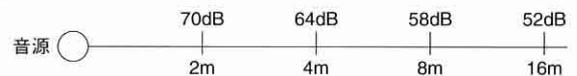
## 騒音関係

### 1. 騒音対策

- ①サイレンサー……送風機の風切り音を吸収します。  
(風量により各サイズを揃えています)
- ②ラギング……送風機の透過音の伝播を防ぎます。

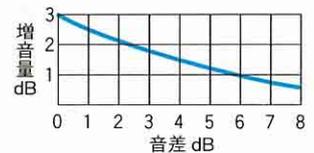
### 2. 騒音と距離の関係

騒音源から2m離れた所で70dBあったとします。4m離れた所で64dBとなります。8mで58dB、16mで52dBとなります。これは、「距離の比が2倍になると6dB減音する」という公式になっております。



### 3. 合成音による増音量

音源が2つの場合です。音の差のない場合には増音量は3dB、音の差が6dBなら増音量は1dBとなります。グラフにすると右のようになります。



## 比速度(Ns)

比速度とは、ファンの空力的相似則から導かれた数値で、風量  $1m^3/min$ 、ヘッド  $1m$  を出すようなファンの回転数  $N$  の羽根車  $D$  があるとき、それと相似羽根車  $D_s$  の回転数  $N_s$  を比速度といいます。

比速度は次の式で求めます。

$$Ns = \frac{\sqrt{Q}}{H^{3/4}} \times N \quad \text{標準状態の空気では } Ns = \frac{\sqrt{Q}}{(TP/1.2)^{3/4}} \times N$$

$Ns$  : 比速度

$N$  : 回転数 (r.p.m)

$Q$  : 風量 ( $m^3/min$ )

$H$  : ヘッド (m)

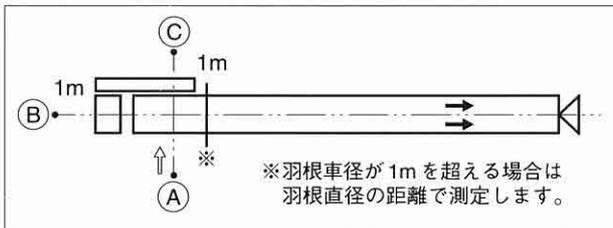
$TP$  : 全圧 (mmAq)

1.2 : 標準状態の空気比重量

$N$  と  $Ns$  とは、直接の関係はなく、一般に風量が多く圧力が低いと  $Ns$  が大きく、圧力が高く風量が少ないと  $Ns$  が小さくなります。また  $Ns$  が大きいと羽根車出口幅が広く、 $Ns$  が小さいと羽根車出口幅が狭くなります。

## 性能表の見方

- 性能表の左側タテの欄は静圧(mmAq)を、下側ヨコの欄は空気量(m<sup>3</sup>/min、m<sup>3</sup>/h)を、上側ヨコの欄は、吐出し風速(m/s)を示します。
- 性能表の中の静圧曲線(黒色の線)は送風機の各回転数における性能を示しております。それぞれの点を延長した交点が求める仕様点となります。その時の回転数は静圧曲線上に沿って左上がり延長線上の数字で求め、軸動力は右側の斜線部寄りの動力曲線(青色の線)によってお求めください。
- 使用モータは軸動力に対して通常10%~20%の余裕をもってご選定ください。
- 性能表は温度20℃、気圧760mmHg、関係湿度65%の湿り空気を取り扱う標準状態の性能を示し、空気1m<sup>3</sup>の重量は1.2kgとみなします。
- 騒音の見方  
 指定騒音は仕様回転数の最高効率線上からヨコ軸に平行に延長し騒音線と交わる点の値で示しております。  
 最高効率は表中の $\eta_{max}$ の線で表わしております。  
 最高効率点以外の騒音は、前端で1dB(A)、後端で3dB(B)を加算して下さい。  
 騒音の測定は「JISB8346」に基づいております。  
 騒音の測定位置は送風機吸入口中心から上へ1m離れた点です。



### 6. 比速度(Ns)との関係

No.4-50TFの50はNs500を表わします。またNo.4-35TFの35はNs350を表わし、30TFはNs300を表わします。(以下同じです)

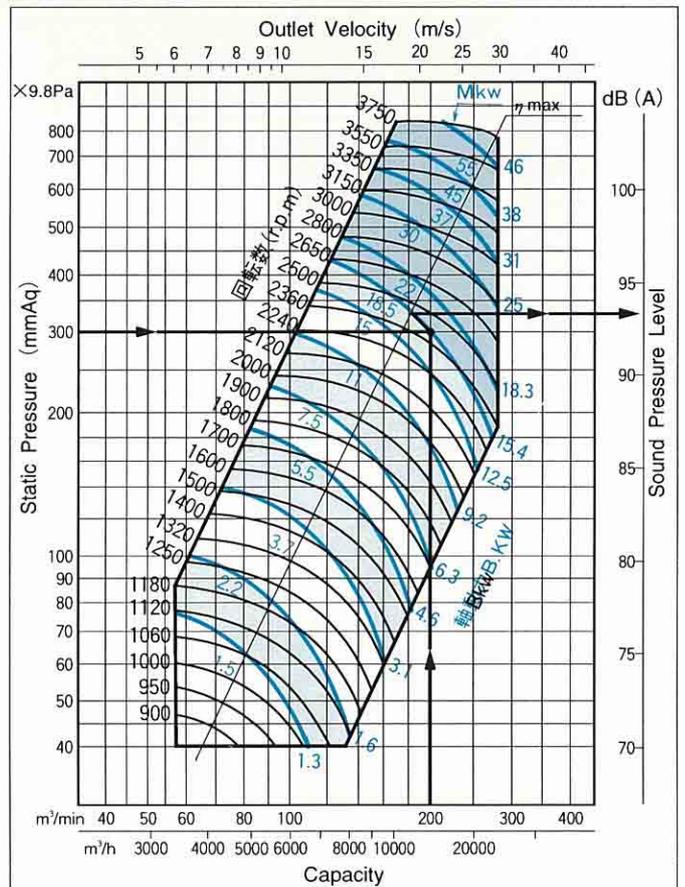
Nsは $\eta_{max}$ 線上で500、350、……であり、 $\eta_{max}$ 線の左側ではNsが小さく、右側では大きくなります。

ファン選定は、可能な限り $\eta_{max}$ 線上の性能が要求性能に合致するようなNsのファンを選定して下さい。

### ■ 選定例

空気量 200 m<sup>3</sup>/min  
 静 圧 300 mmAq  
 No.4-50TF で選定すると  
 回転数 2400 rpm  
 軸動力 15.4 BkW  
 モータ出力 18.5 kW  
 推定騒音 93+1=94 dB(A)  
 となります。

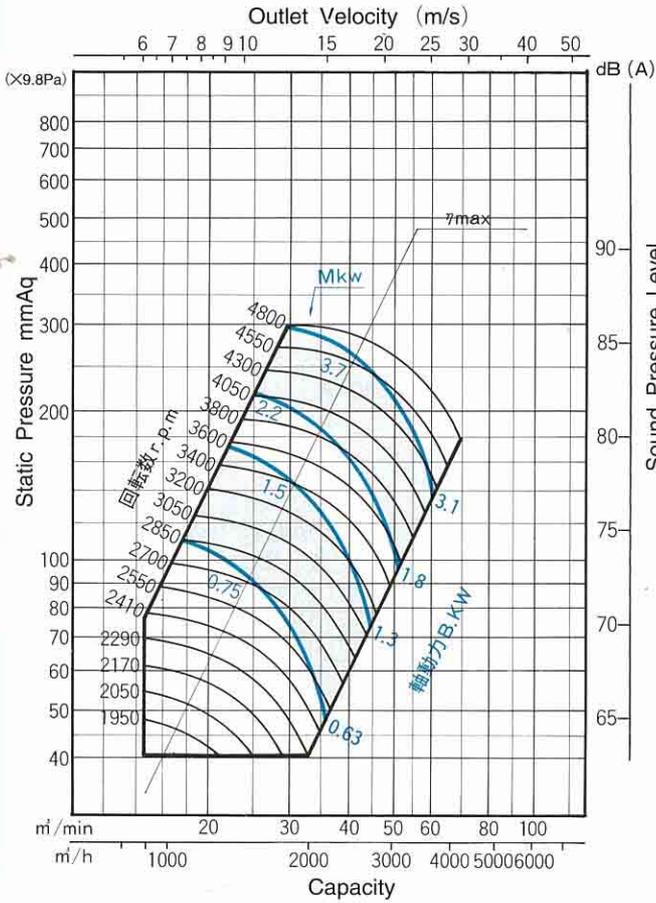
## No.4-50TF



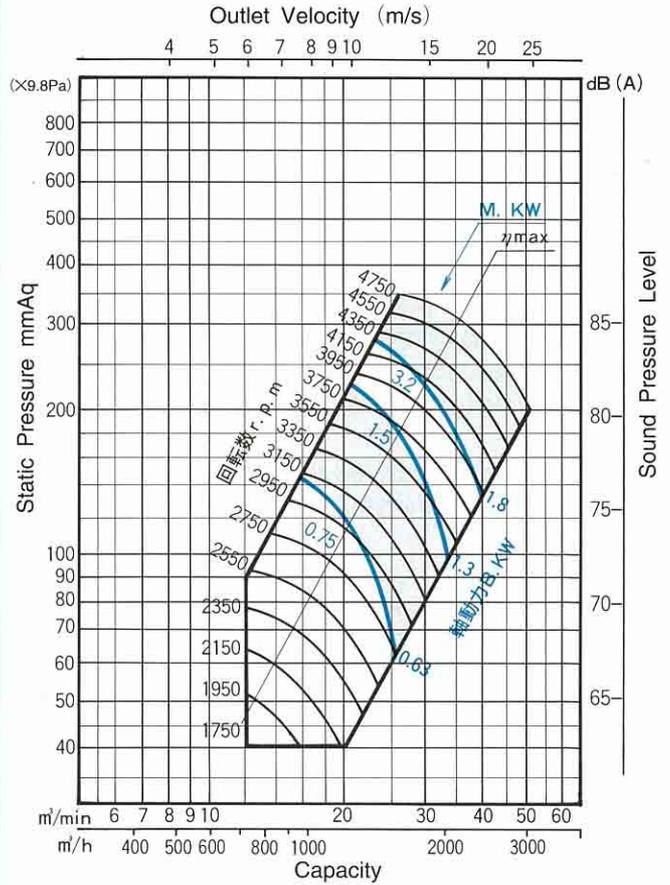
# No.2-50TF No.2-35TF

50/35TF

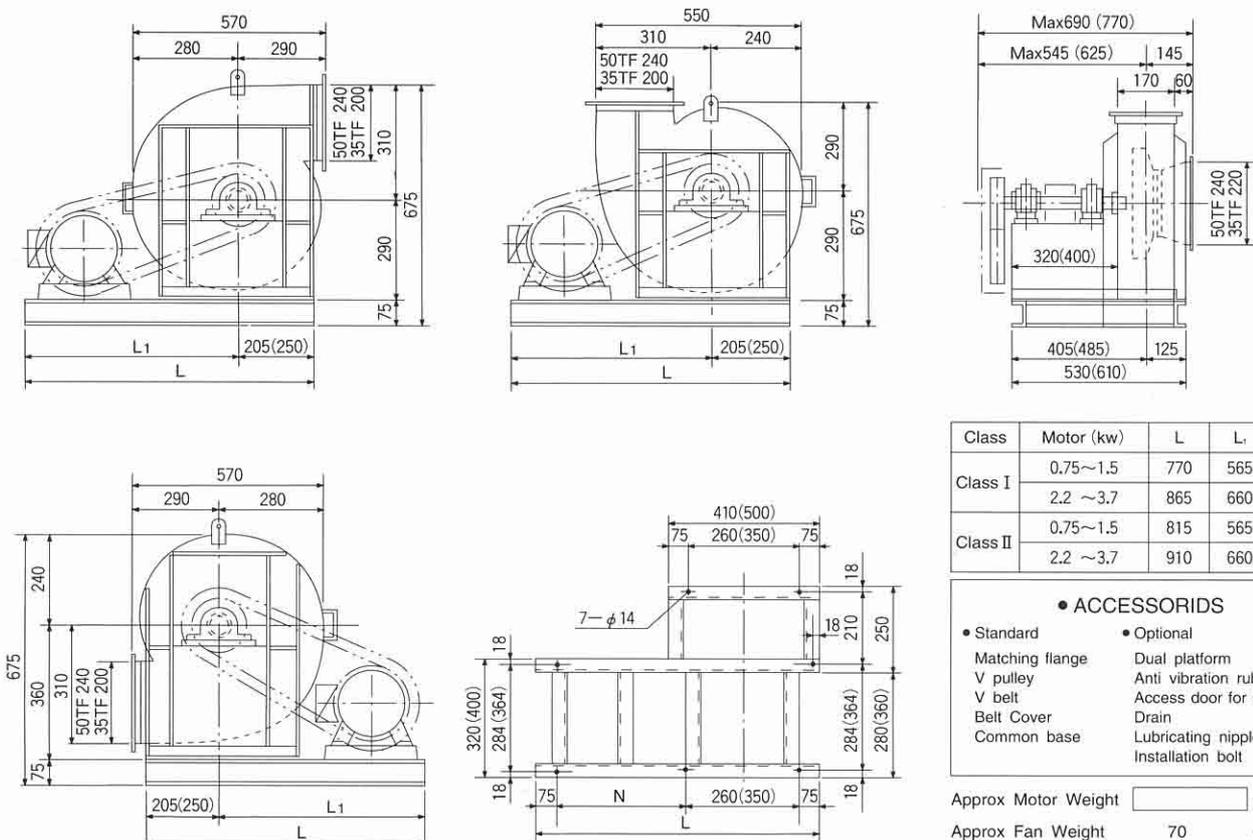
## PERFORMANCE DATA



## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	770	565	360
	2.2 ~3.7	865	660	455
Class II	0.75~1.5	815	565	315
	2.2 ~3.7	910	660	410

- ACCESSORIDS
- Standard
    - Matching flange
    - V pulley
    - V belt
    - Belt Cover
    - Common base
  - Optional
    - Dual platform
    - Anti vibration rubber
    - Access door for inspection
    - Drain
    - Lubricating nipple
    - Installation bolt

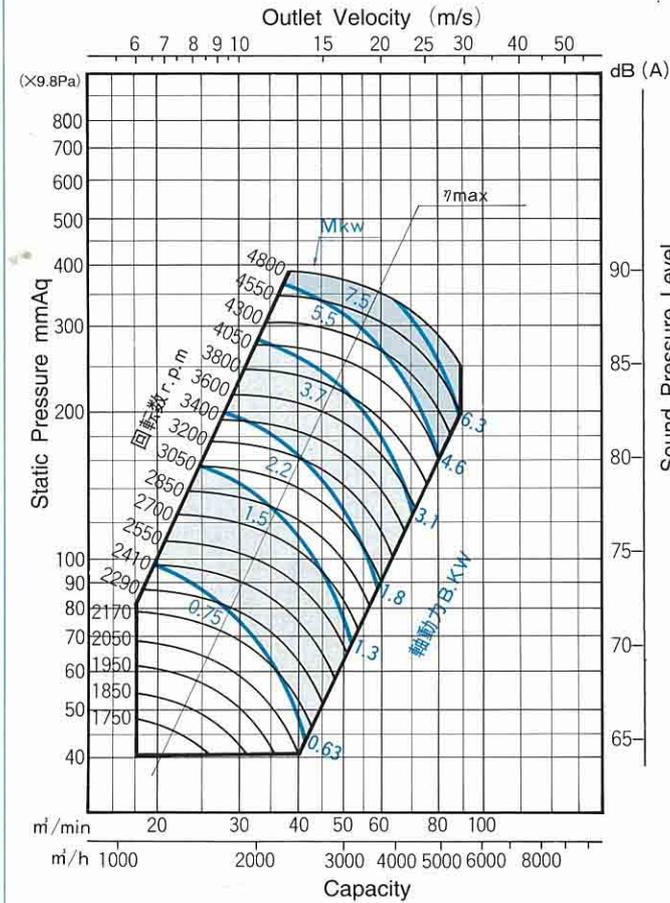
Approx Motor Weight  (kg)  
 Approx Fan Weight 70 (kg)  
 Approx Total Weight  (kg)  
 ( ) : For Class II

# No.2<sup>1</sup>/<sub>4</sub>-50TF

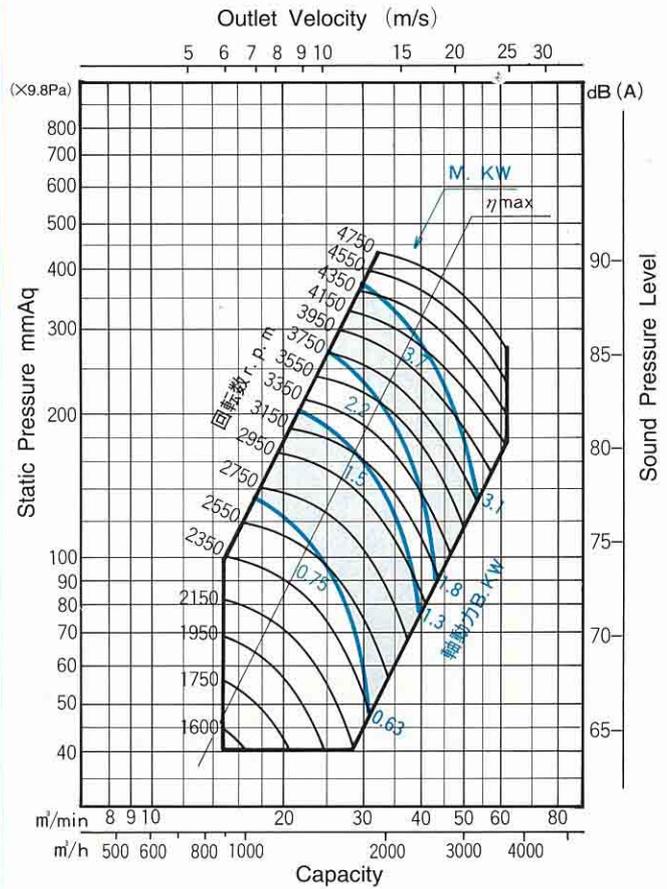
# No.2<sup>1</sup>/<sub>4</sub>-35TF

50/35TF

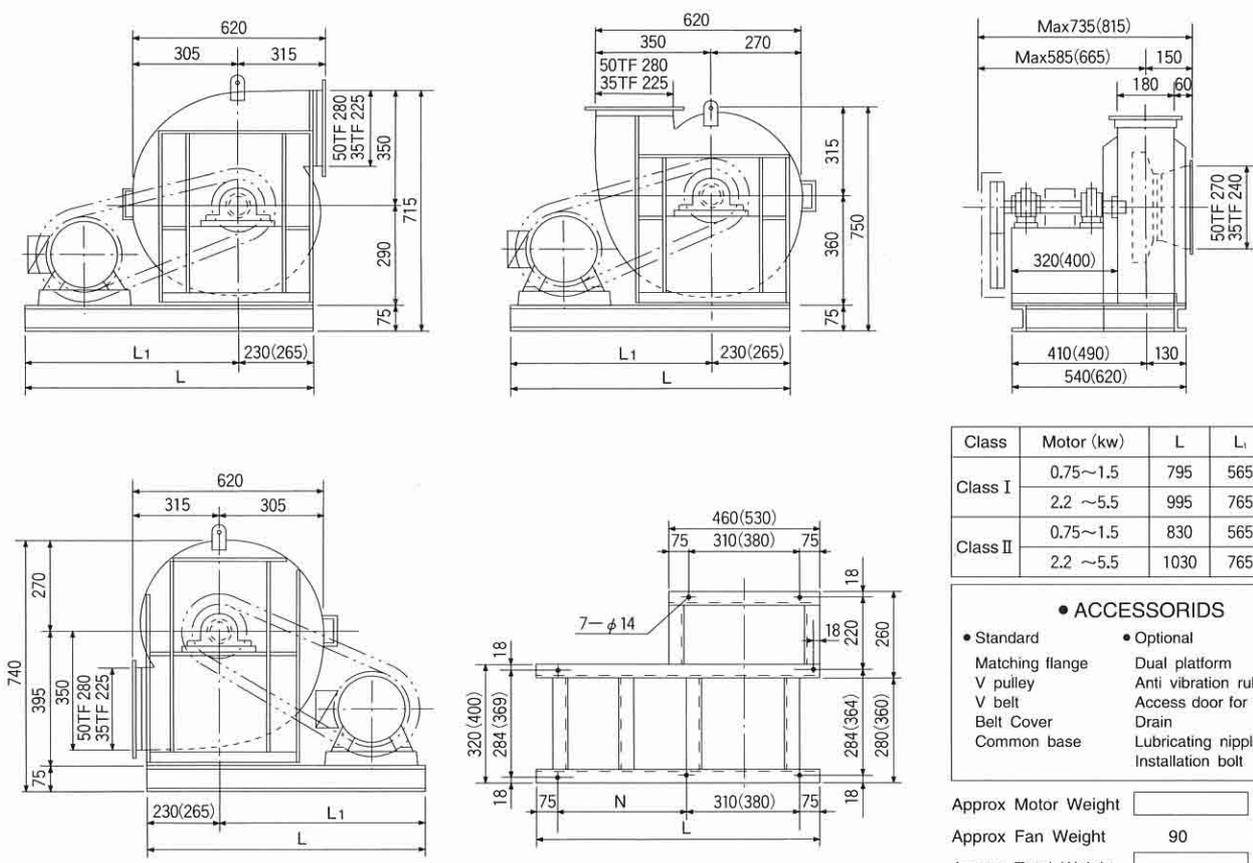
## PERFORMANCE DATA



## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	795	565	335
	2.2 ~5.5	995	765	535
Class II	0.75~1.5	830	565	300
	2.2 ~5.5	1030	765	500

### ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)  
 Approx Fan Weight 90 (kg)  
 Approx Total Weight  (kg)  
 ( ) : For Class II





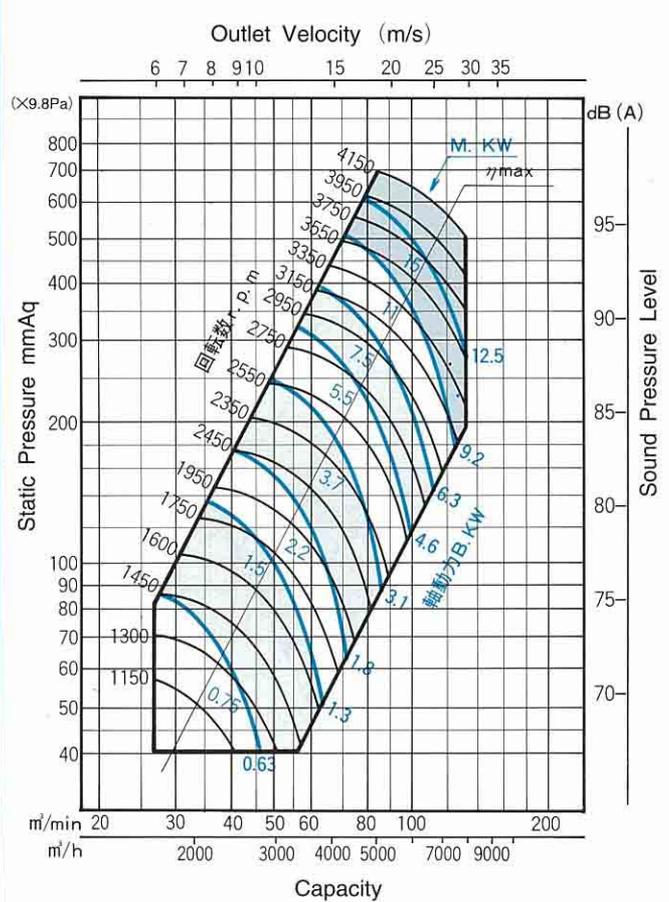
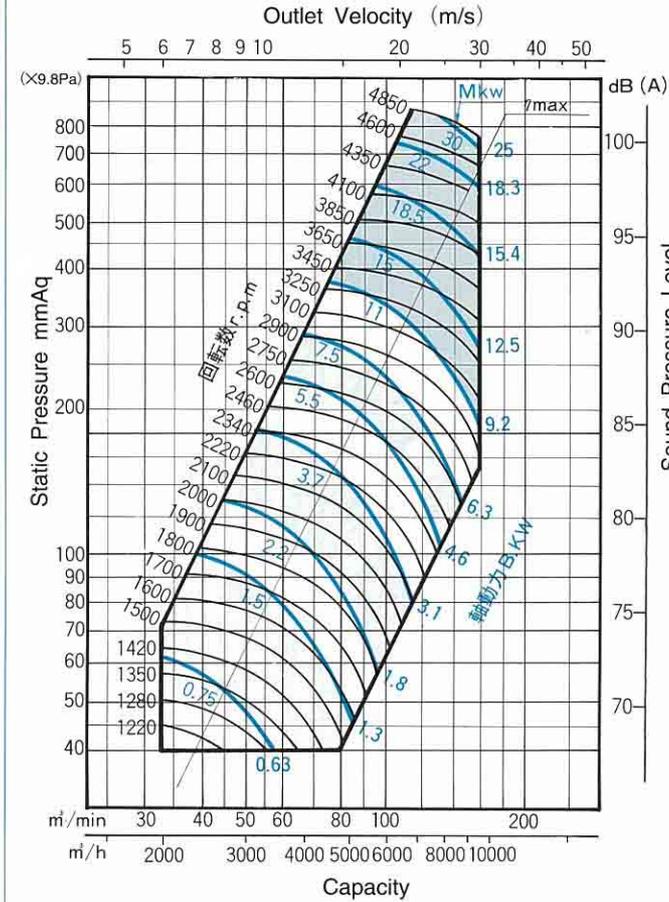
# No.3-50TF

# No.3-35TF

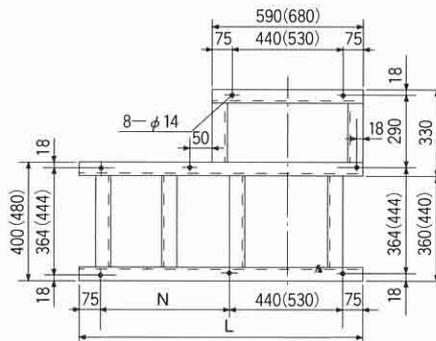
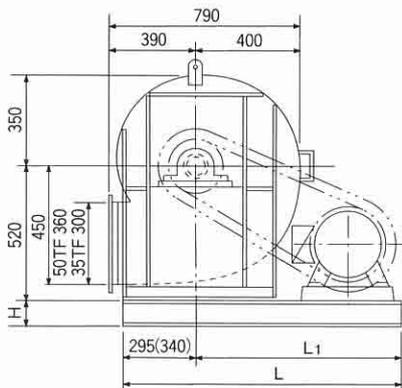
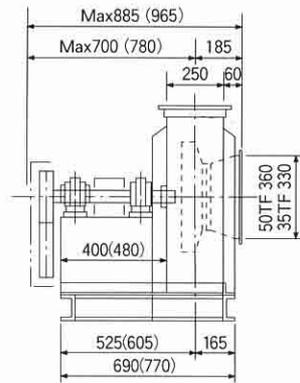
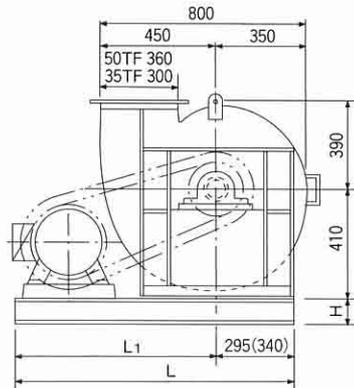
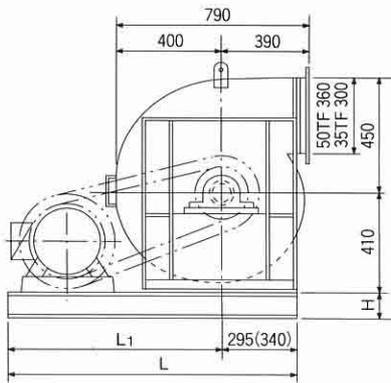
50/35TF

## PERFORMANCE DATA

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
Class I	0.75~5.5	1040	745	450	75	[75×40×5]
	7.5	1225	930	635	100	[100×50×5]
Class II	0.75~5.5	1085	745	405	75	[75×40×5]
	7.5	1270	930	590	100	[100×40×5]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 190 (kg)

Approx Total Weight  (kg)

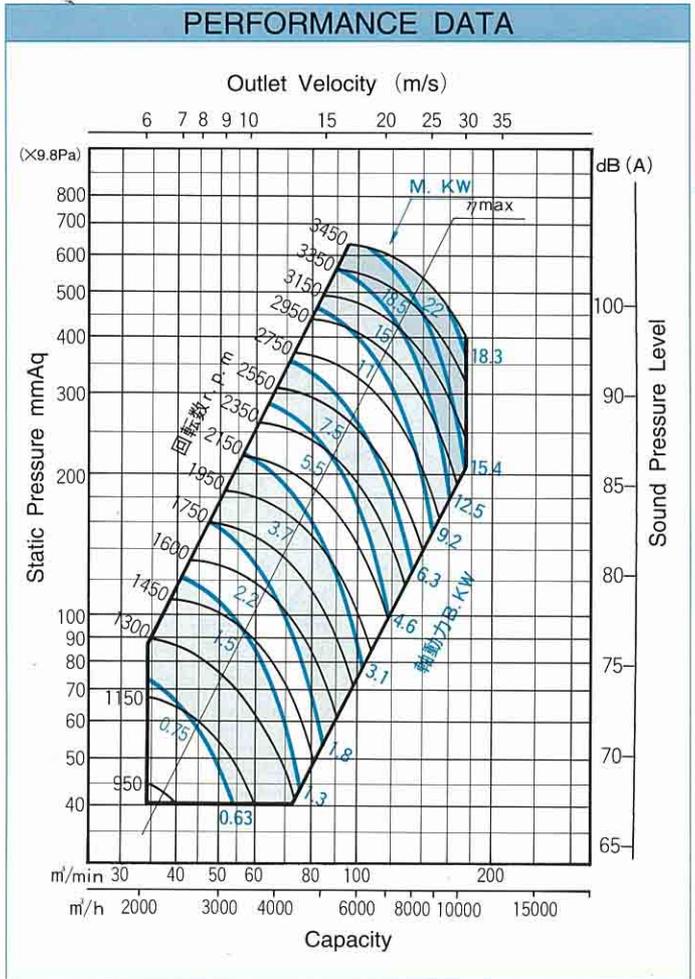
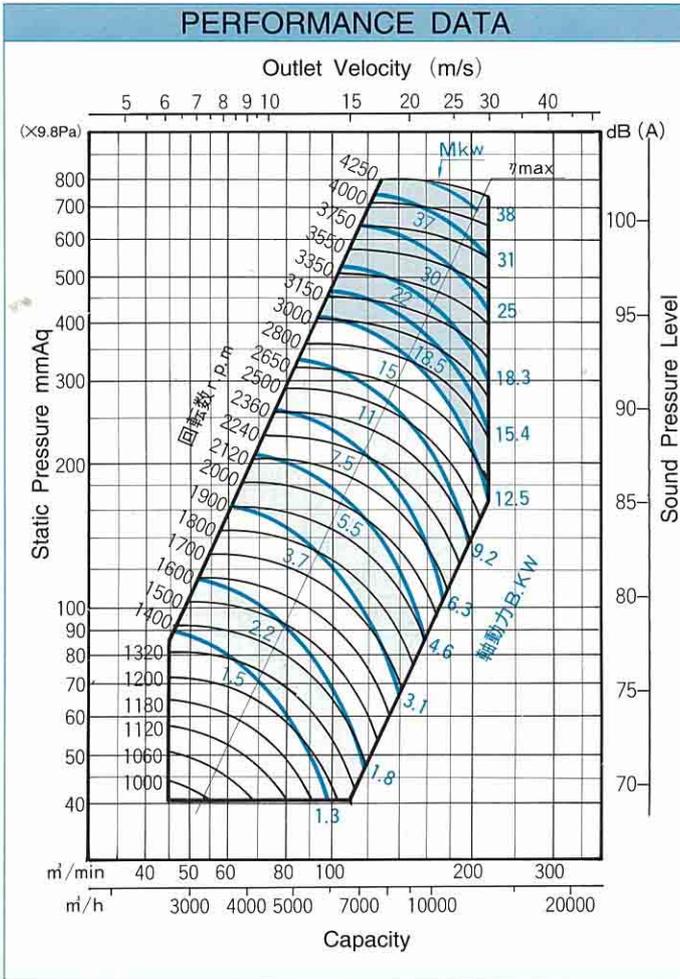
( ) : For Class II

Common Base shows for 0.75-5.5kw

# No.3<sup>1</sup>/<sub>2</sub>-50TF

# No.3<sup>1</sup>/<sub>2</sub>-35TF

50/35TF



## DIMENSIONS (mm)

Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	1.5~7.5	1100	770	440
	11~15	1325	995	665
Class II	1.5~7.5	1150	770	390
	11~15	1375	995	615

**ACCESSORIDS**

- Standard: Matching flange, V pulley, V belt, Belt Cover, Common base
- Optional: Dual platform, Anti vibration rubber, Access door for inspection, Drain, Lubricating nipple, Installation bolt

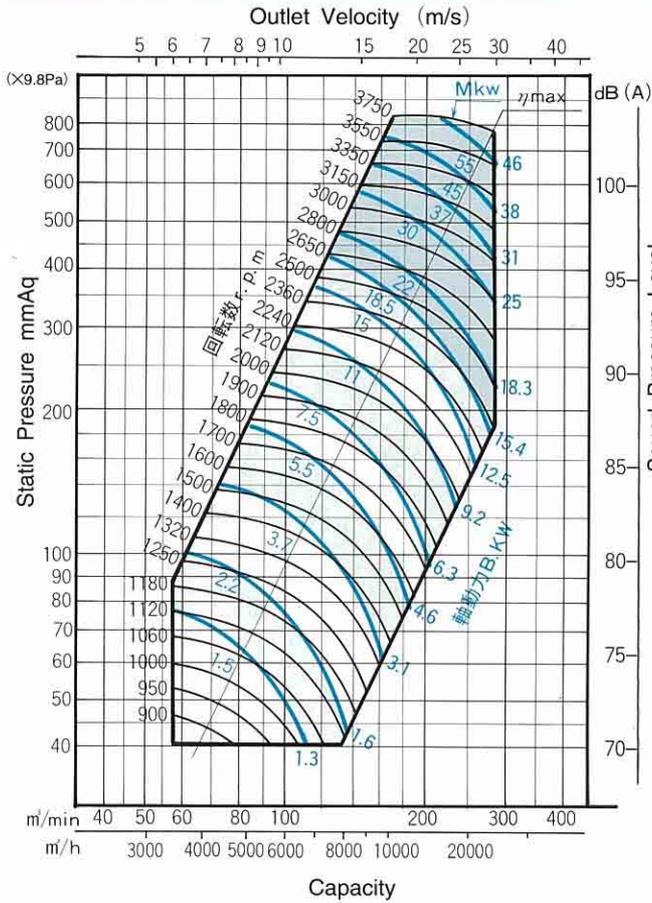
Approx Motor Weight:  (kg)  
 Approx Fan Weight: 260 (kg)  
 Approx Total Weight:  (kg)  
 ( ): For Class II

# No.4-50TF

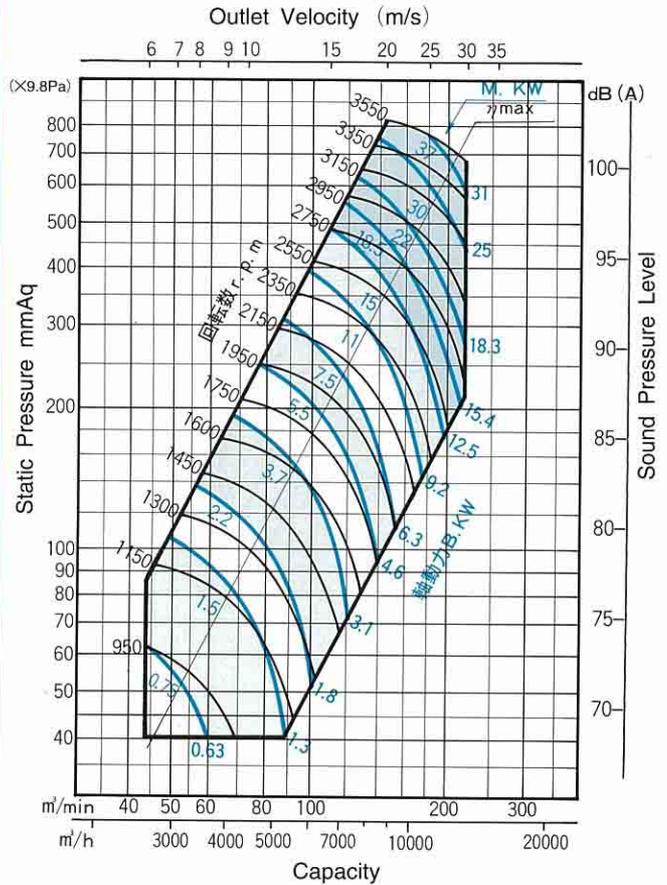
# No.4-35TF

50/35TF

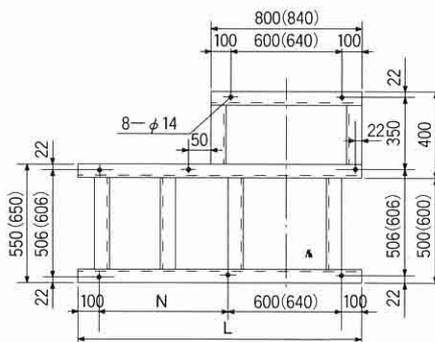
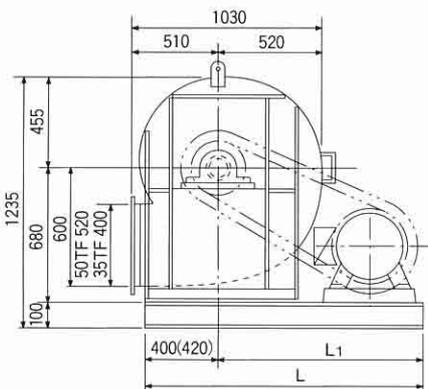
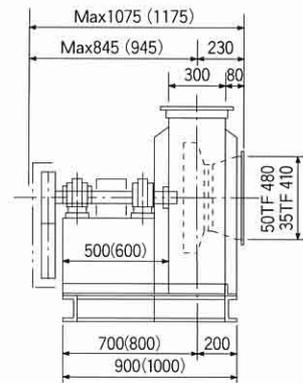
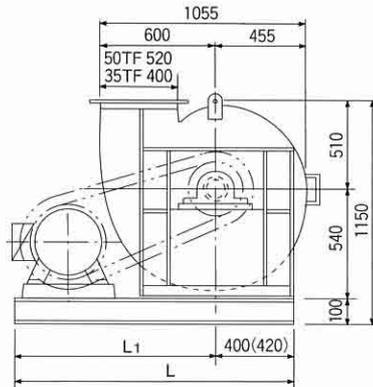
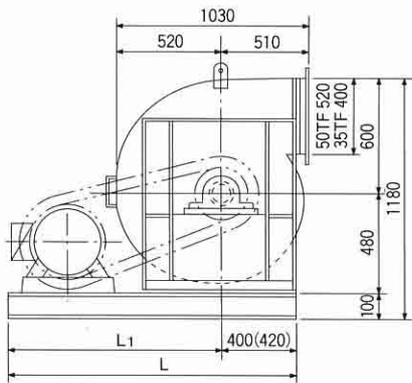
## PERFORMANCE DATA



## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	1.5~7.5	1170	770	370
	11~18.5	1560	1160	760
Class II	1.5~7.5	1190	770	350
	11~18.5	1580	1160	740

### ACCESSORIES

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight  340 (kg)

Approx Total Weight  (kg)

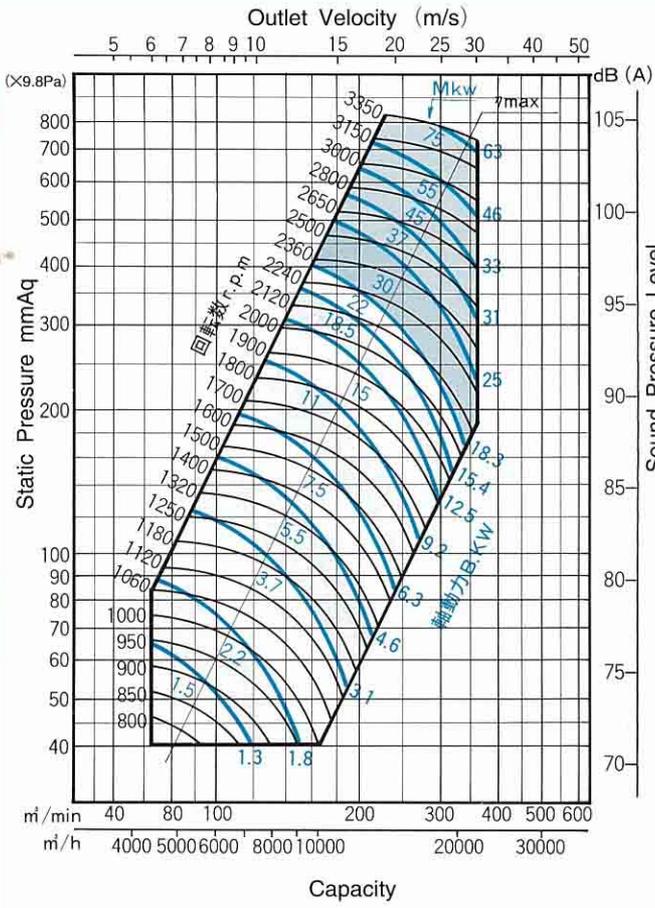
( ) : For Class II

# No.4<sup>1</sup>/<sub>2</sub>-50TF

# No.4<sup>1</sup>/<sub>2</sub>-35TF

50/35TF

## PERFORMANCE DATA



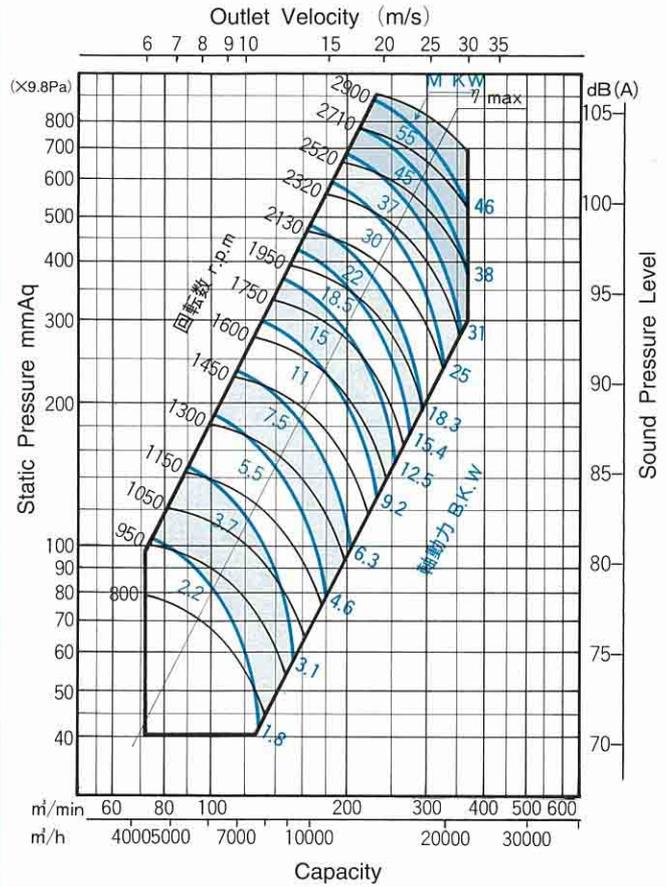
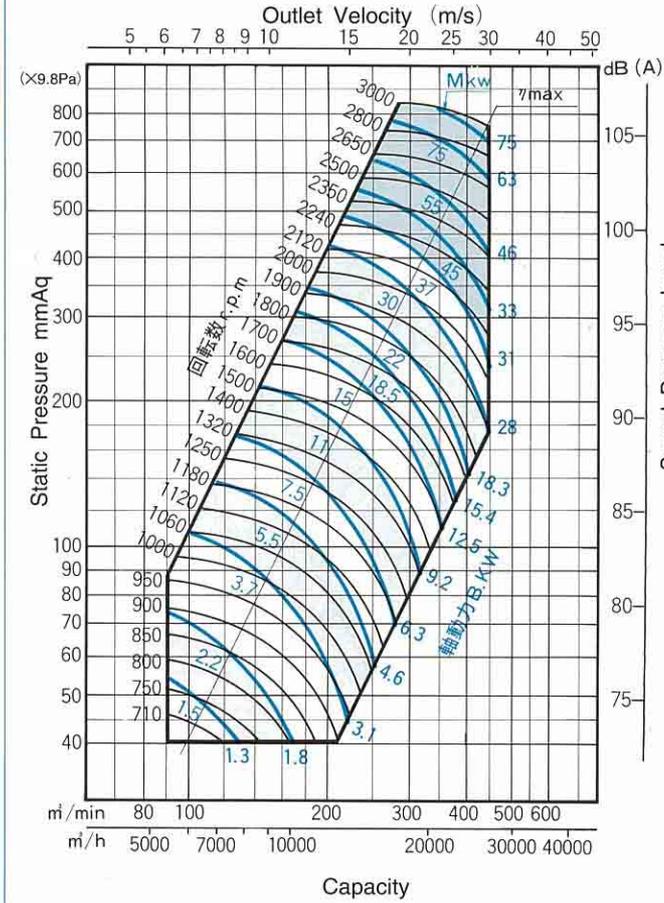
# No.5-50TF

# No.5-35TF

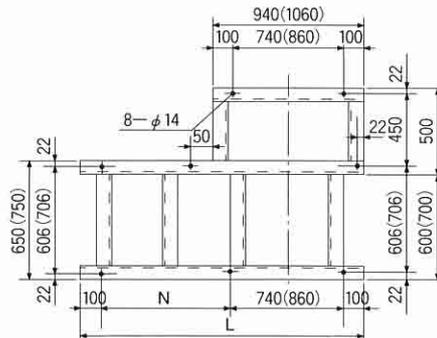
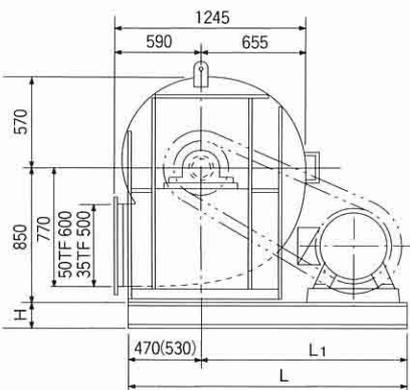
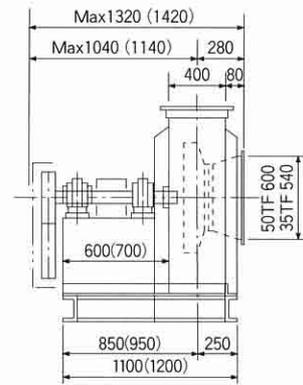
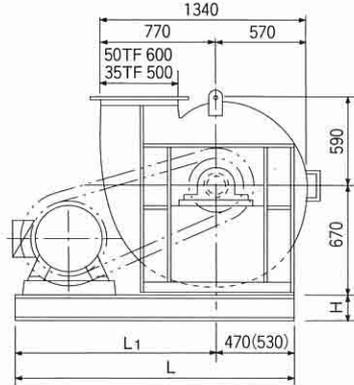
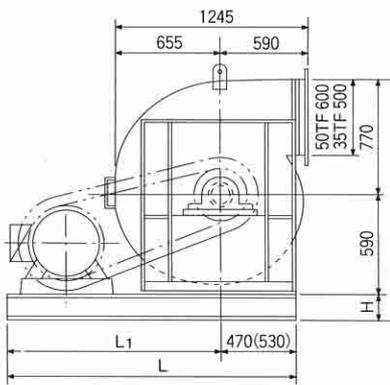
50/35TF

## PERFORMANCE DATA

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
Class I	5.5~15	1420	950	480	100	[100×50×5
	18.5~37	1855	1385	915	125	[125×65×5
Class II	5.5~15	1480	950	420	100	[100×50×5
	18.5~37	1915	1385	855	125	[125×65×6

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 580 (kg)

Approx Total Weight  (kg)

( ) : For Class II

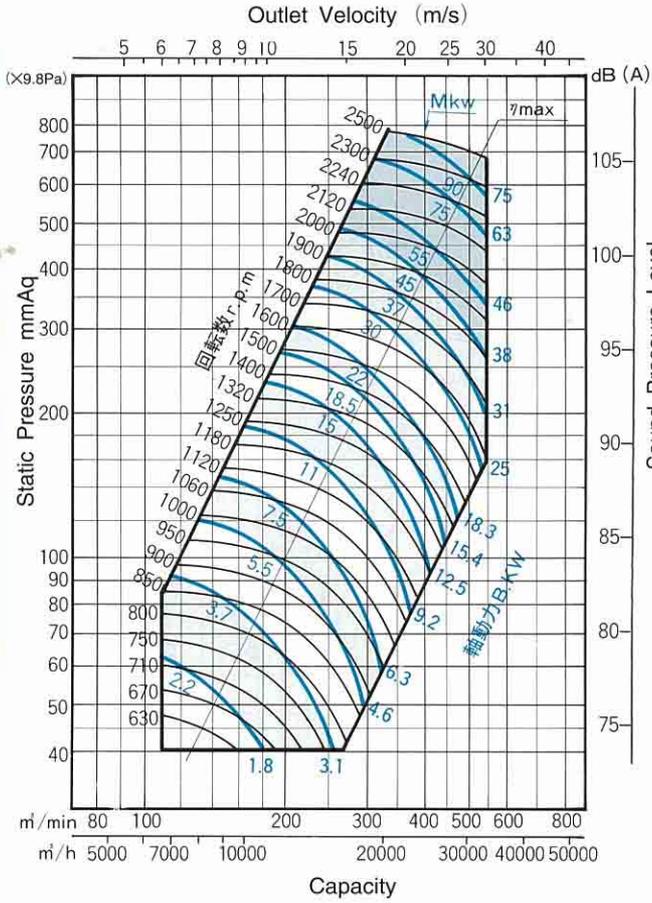
Common Base shows for 5.5~15kw

# No.5<sup>1</sup>/<sub>2</sub>-50TF

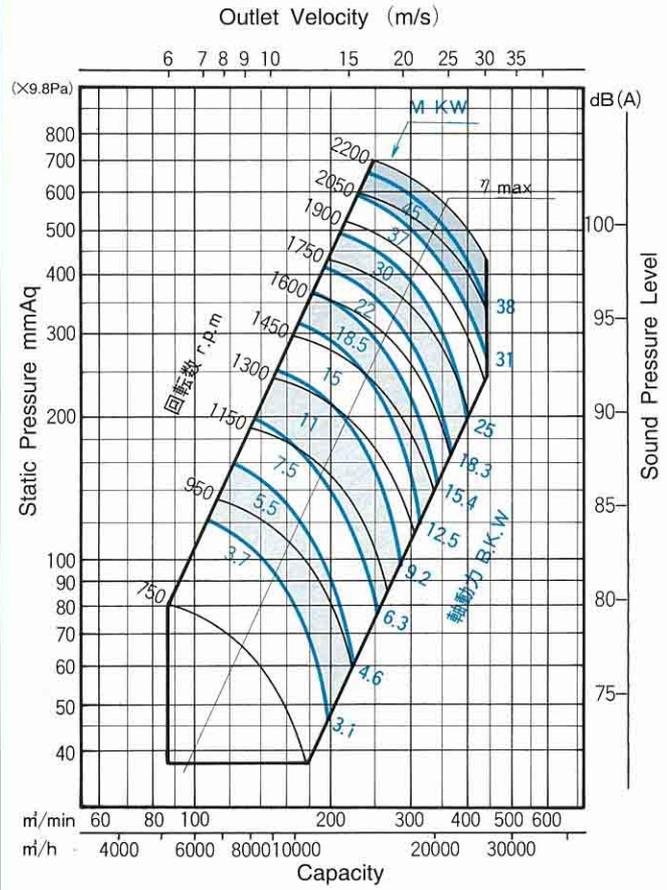
# No.5<sup>1</sup>/<sub>2</sub>-35TF

50/35TF

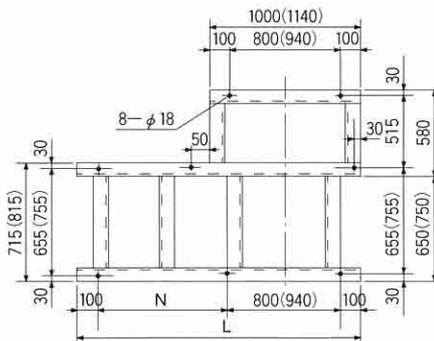
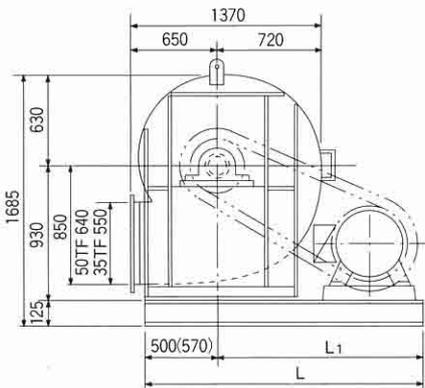
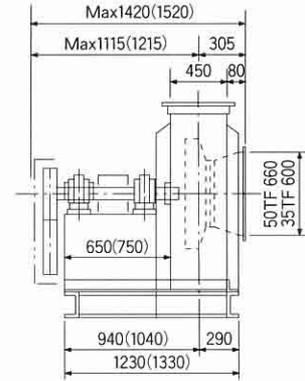
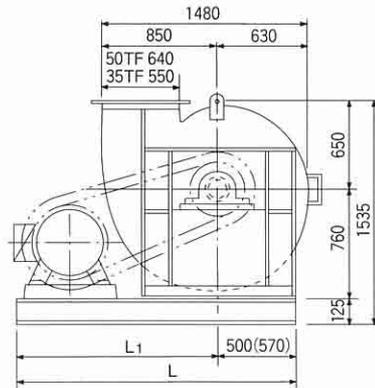
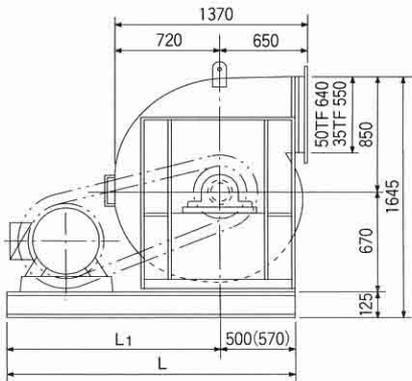
## PERFORMANCE DATA



## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	2.2~15	1435	935	435
	18.5~45	1925	1425	925
Class II	2.2~15	1505	935	365
	18.5~45	1995	1425	855

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight  700 (kg)

Approx Total Weight  (kg)

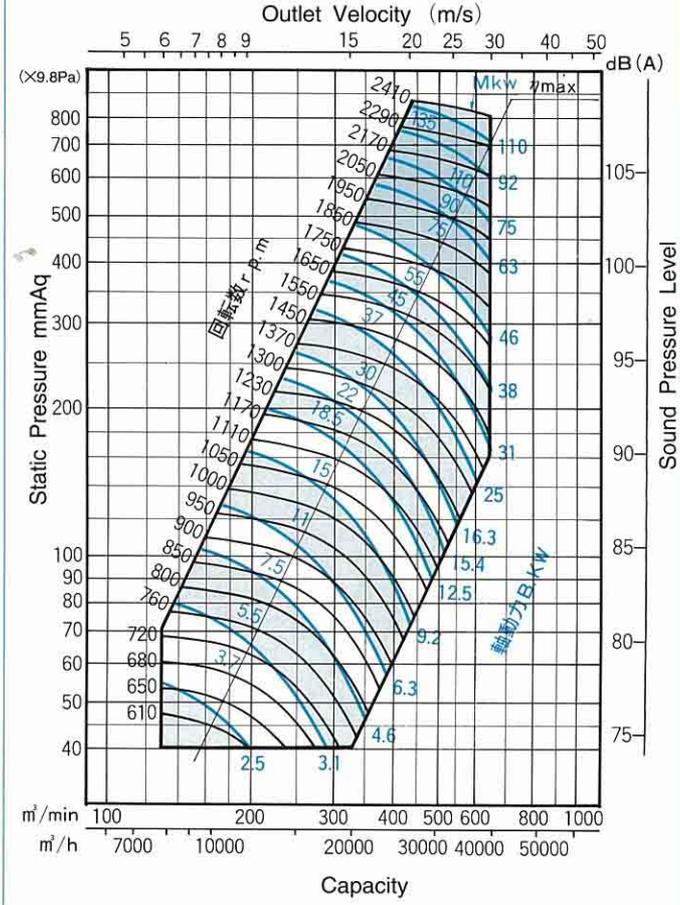
( ) : For Class II

# No.6-50TF

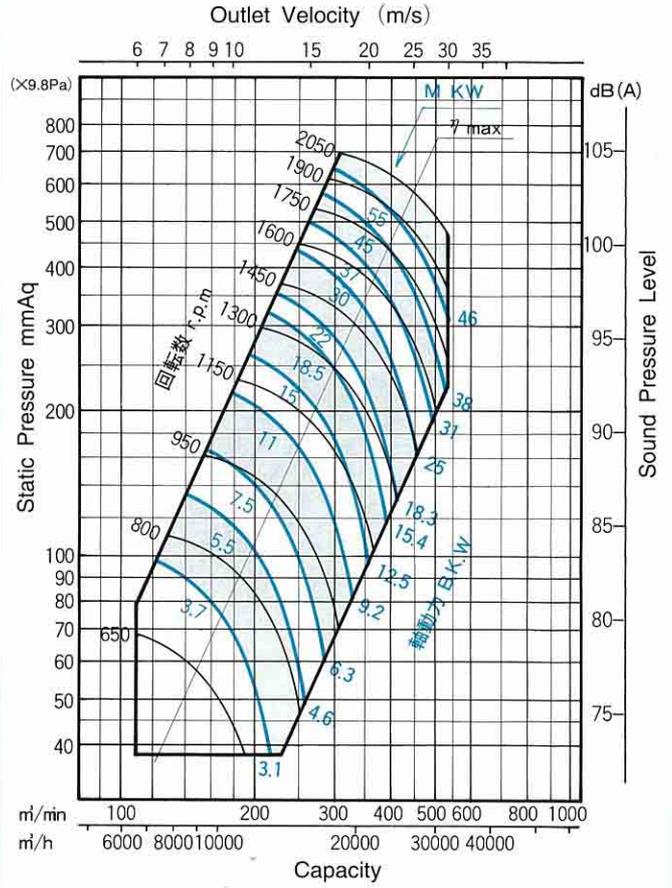
# No.6-35TF

50/35TF

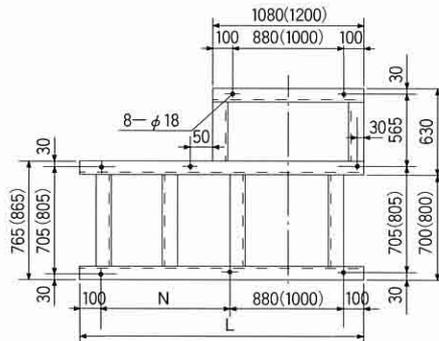
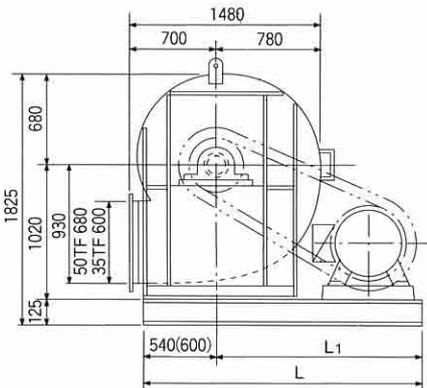
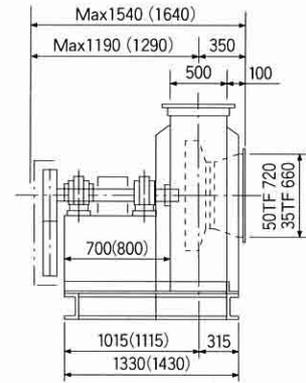
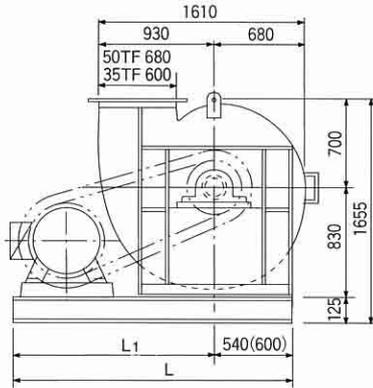
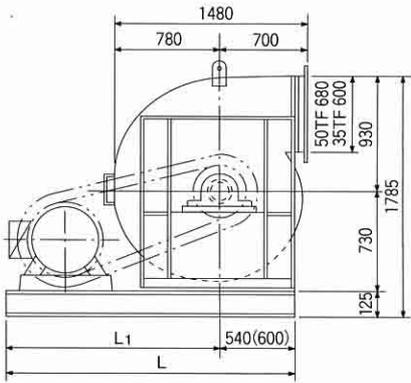
## PERFORMANCE DATA



## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	2.2~15	1490	950	410
	18.5~55	2060	1520	980
Class II	2.2~15	1550	950	350
	18.5~55	2120	1520	920

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

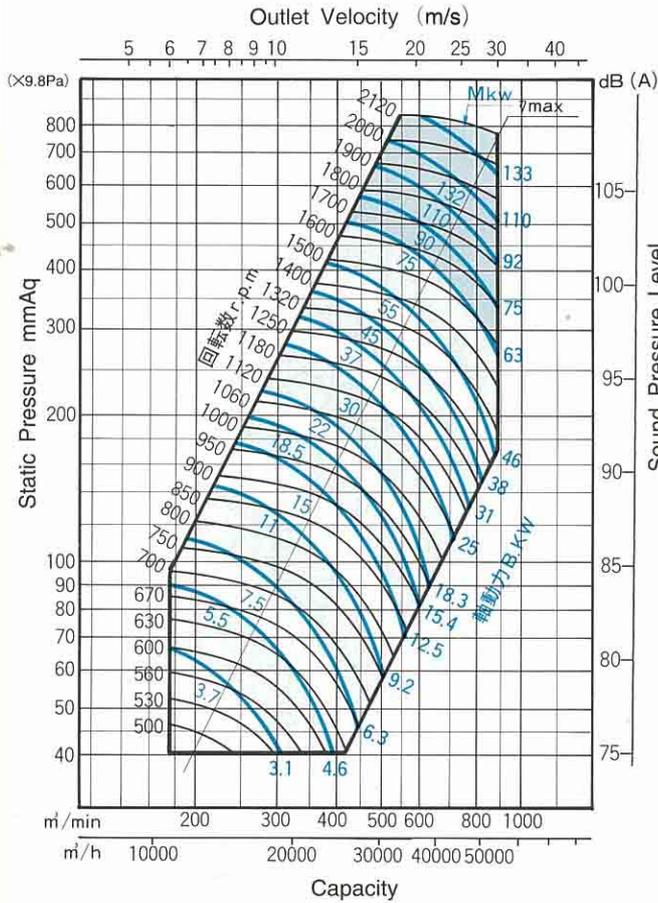
Approx Motor Weight  (kg)

Approx Fan Weight 900 (kg)

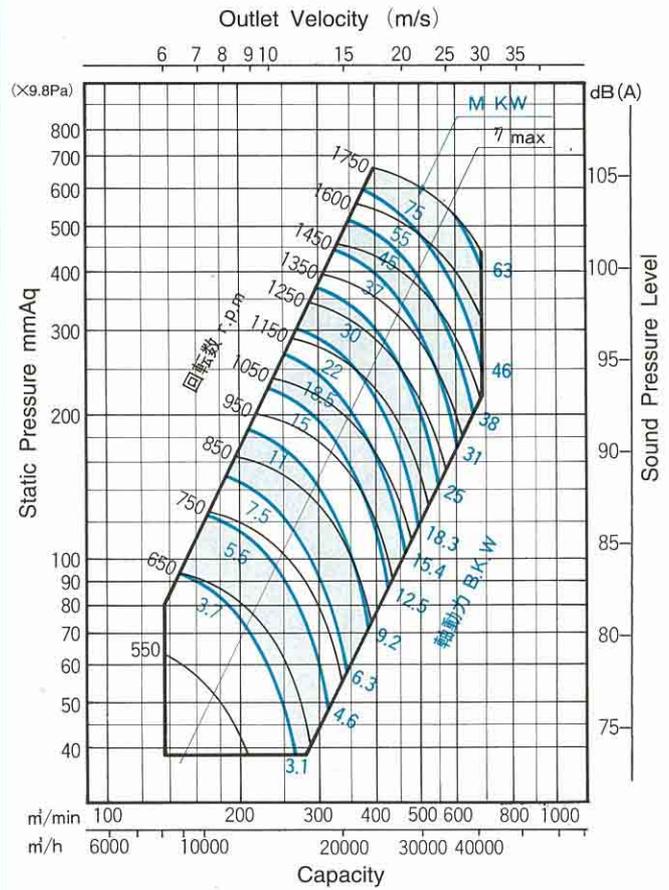
Approx Total Weight  (kg)

( ) : For Class II

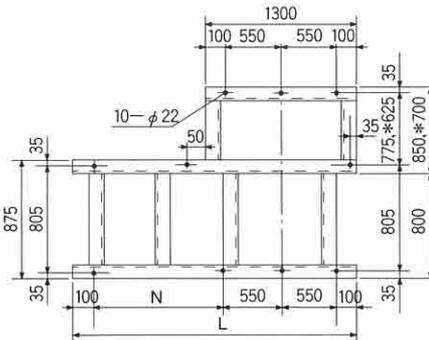
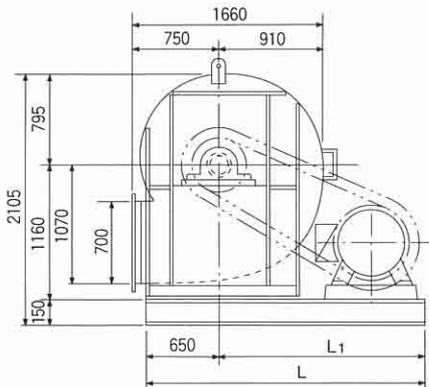
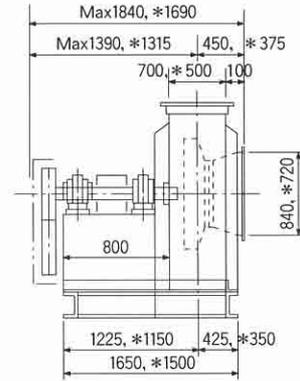
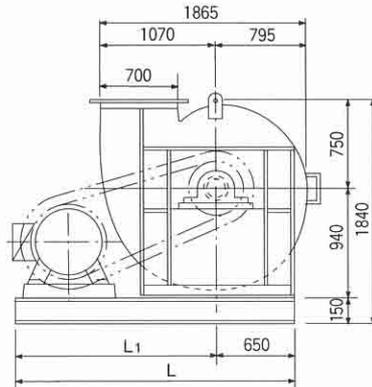
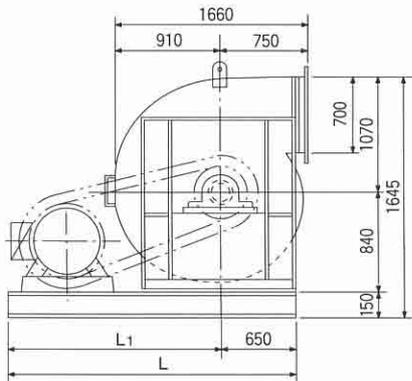
## PERFORMANCE DATA



## PERFORMANCE DATA



## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N
3.7~15	1670	1020	370
18.5~75	2640	1990	1340

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 1200 (kg)

Approx Total Weight  (kg)

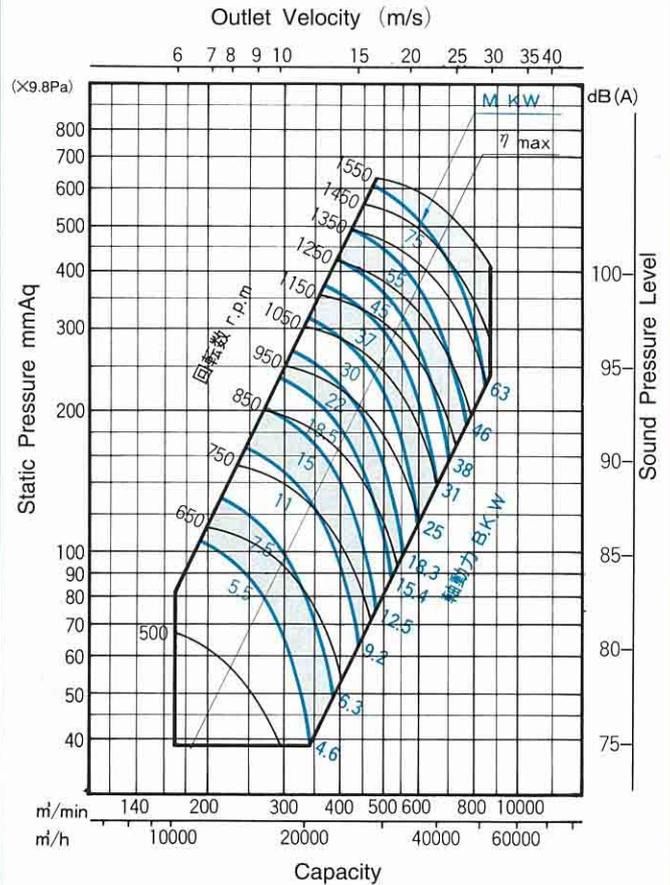
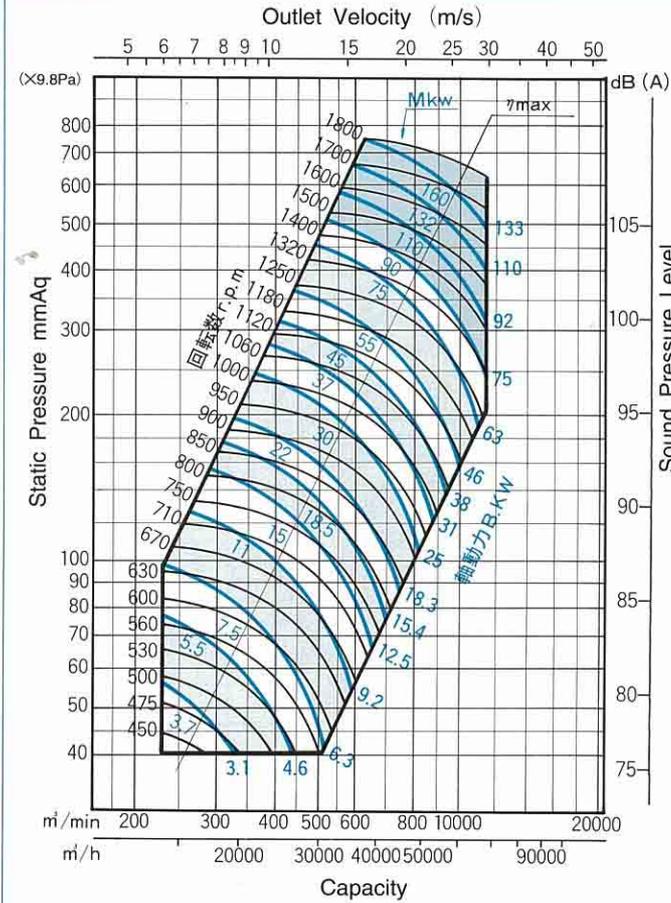
\* : For 35TF

# No.8-50TF No.8-35TF

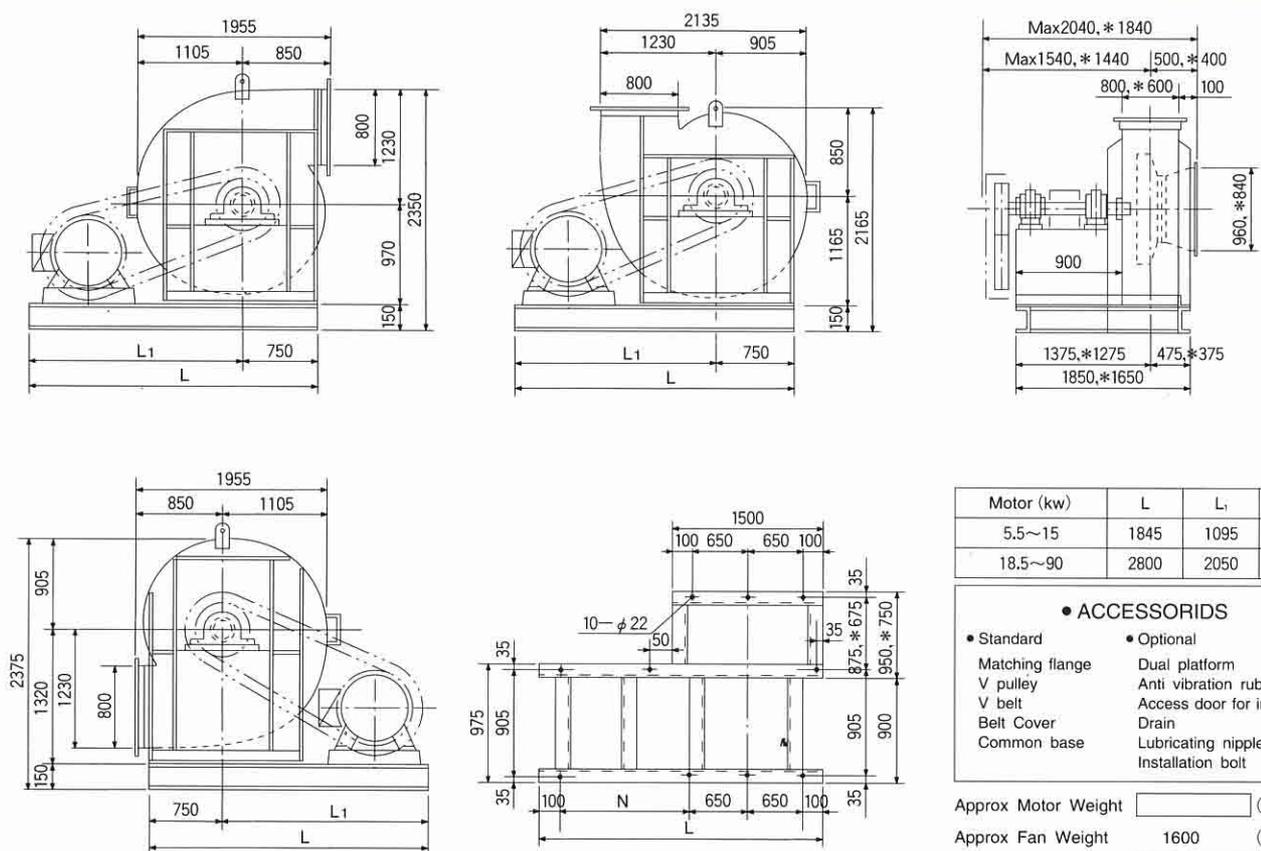
50/35TF

## PERFORMANCE DATA

## PERFORMANCE DATA



## DIMENSIONS (mm)



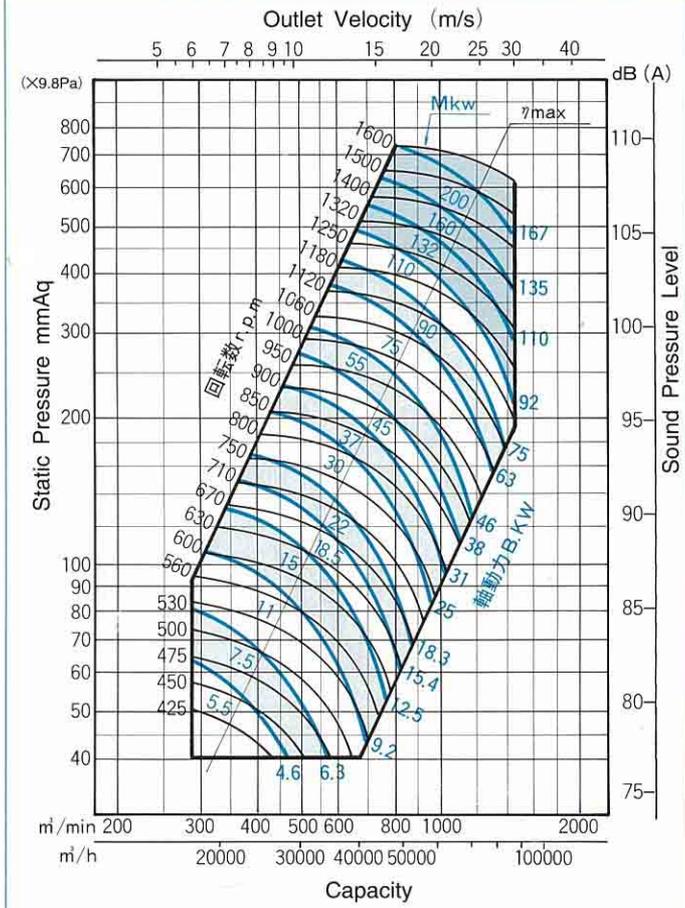
Motor (kw)	L	L <sub>1</sub>	N
5.5~15	1845	1095	345
18.5~90	2800	2050	1300

- ACCESSORIDS
- Standard
    - Matching flange
    - V pulley
    - V belt
    - Belt Cover
    - Common base
  - Optional
    - Dual platform
    - Anti vibration rubber
    - Access door for inspection
    - Drain
    - Lubricating nipple
    - Installation bolt

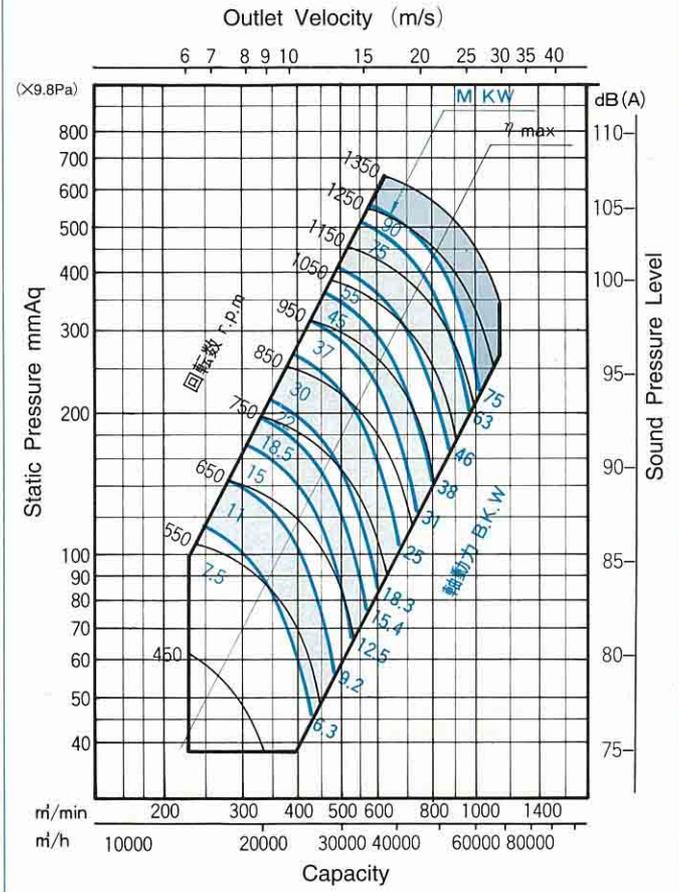
Approx Motor Weight  (kg)  
 Approx Fan Weight 1600 (kg)  
 Approx Total Weight  (kg)

\* : For 35TF

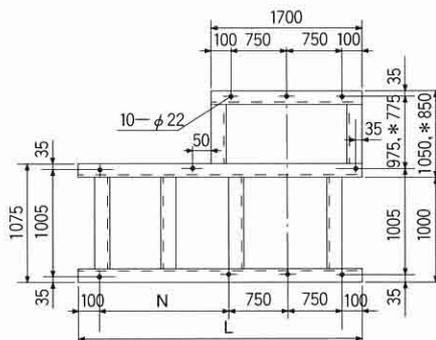
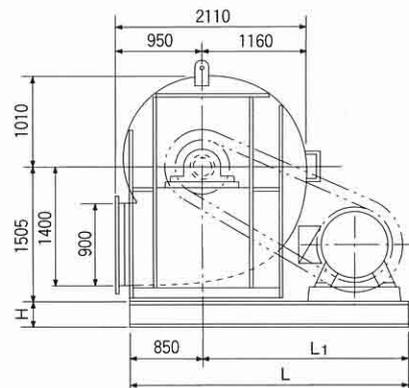
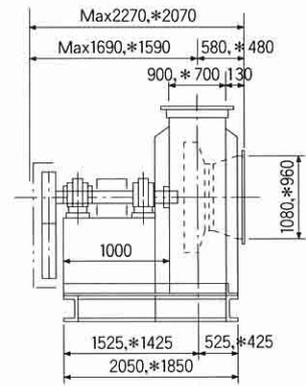
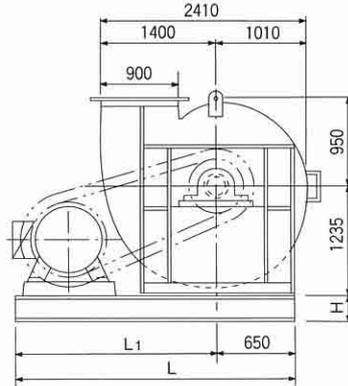
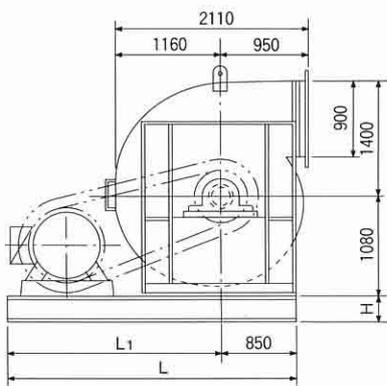
## PERFORMANCE DATA



## PERFORMANCE DATA



## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
7.5~15	2125	1275	425	180	[180×75×7
18.5~110	3180	2330	1480	200	[200×80×7.5

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 2100 (kg)

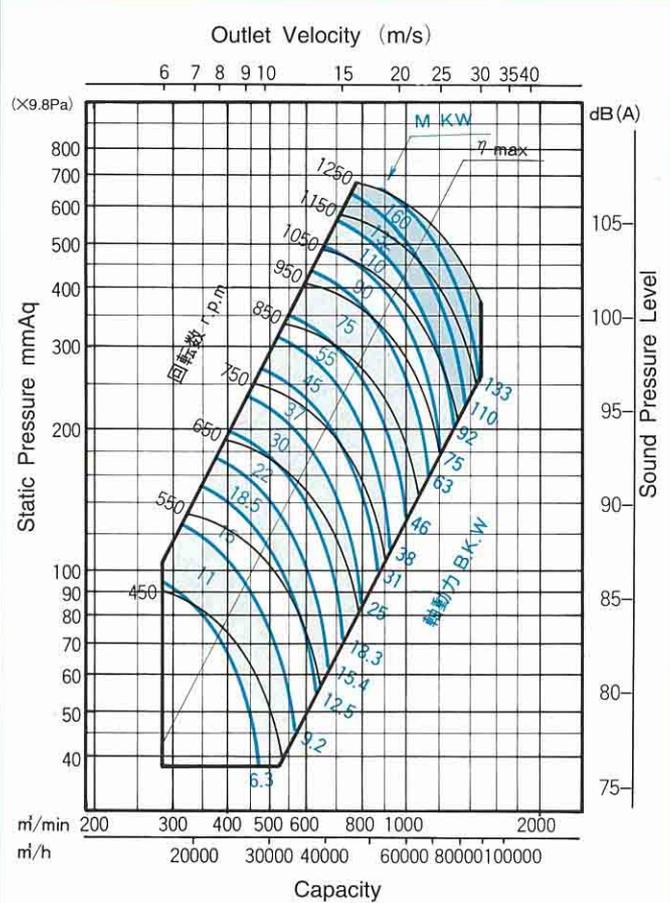
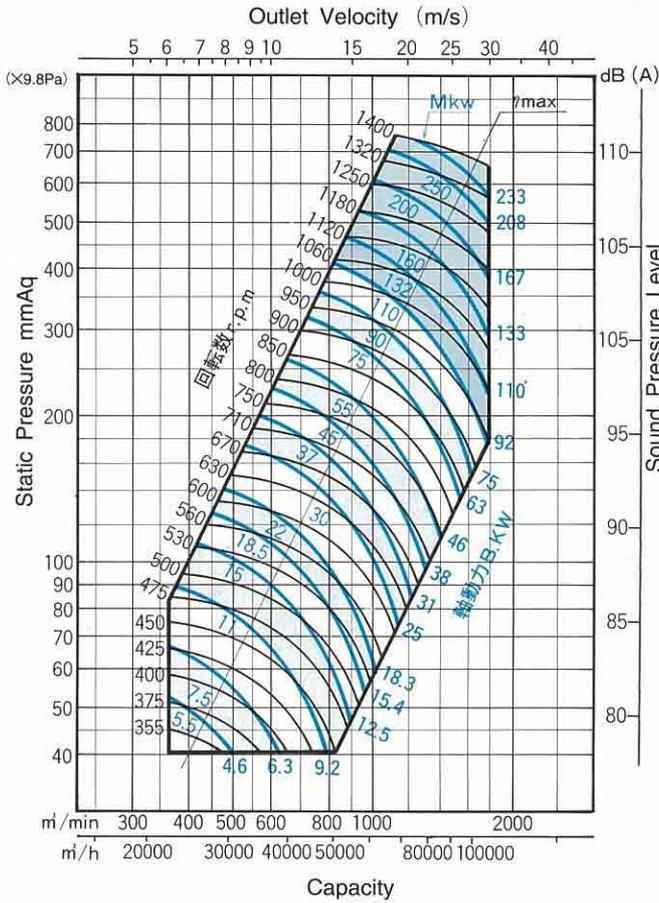
Approx Total Weight  (kg)

\* : For 35TF

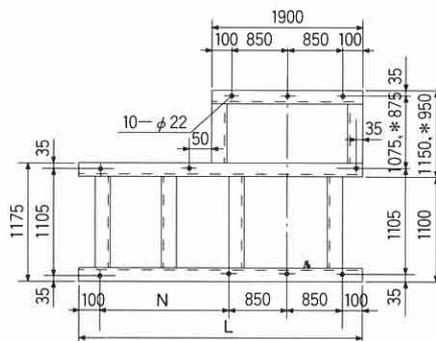
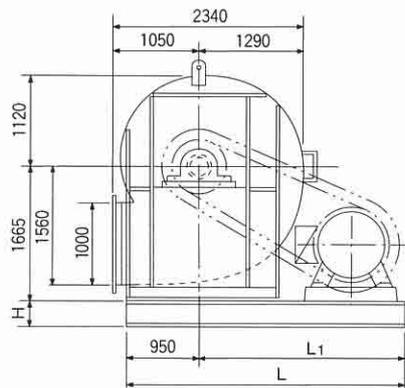
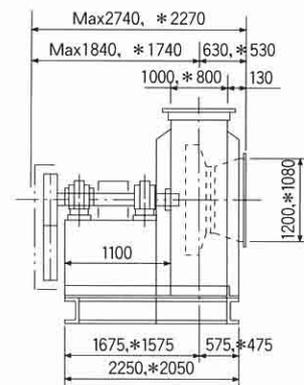
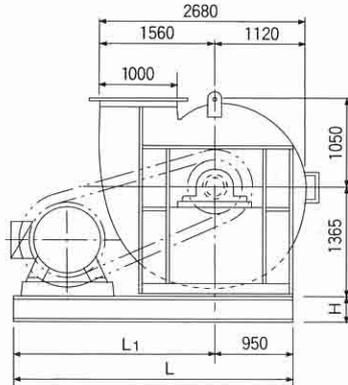
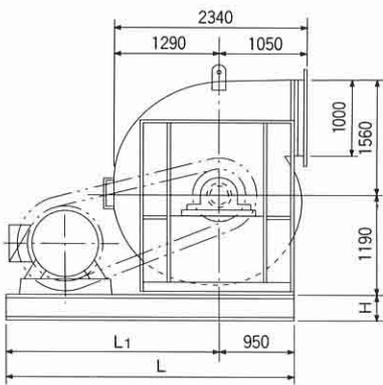
Common Base Shows for 7.5~15kw

## PERFORMANCE DATA

## PERFORMANCE DATA



## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
11~15	2270	1320	370	180	[180×75×7]
18.5~110	3355	2405	1455	200	[200×80×7.5]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 2500 (kg)

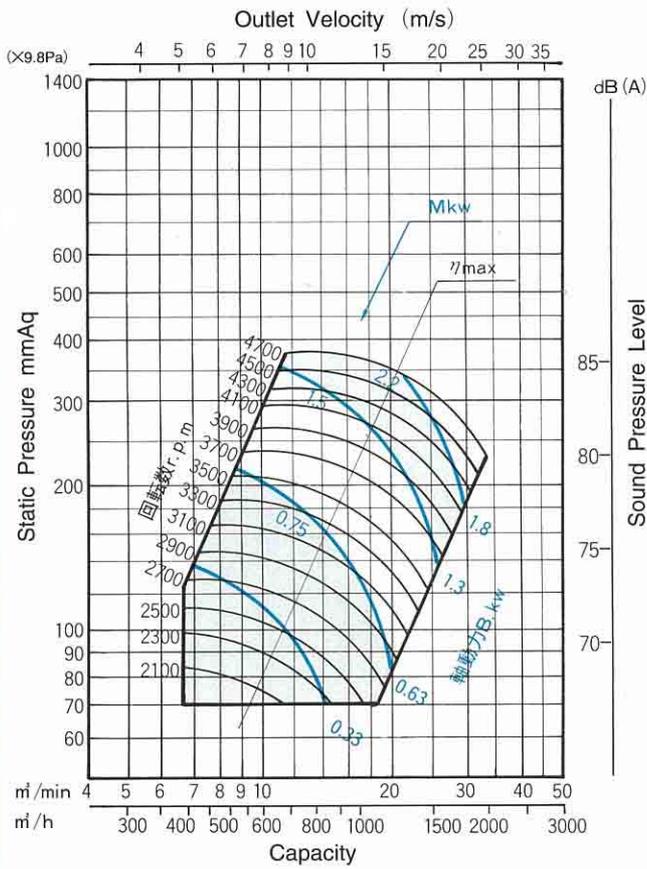
Approx Total Weight  (kg)

\* : For 35TF

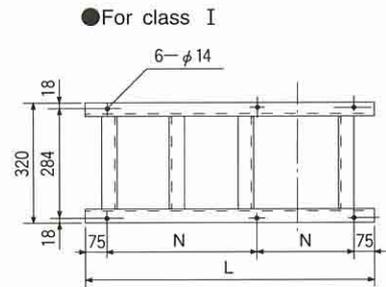
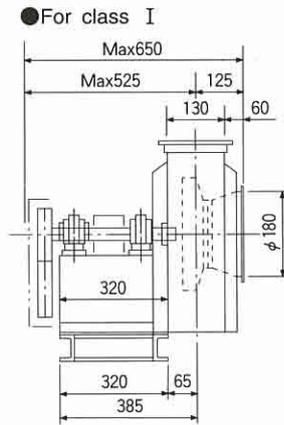
Common Base Shows for 11~15kw

# No.2-30TF

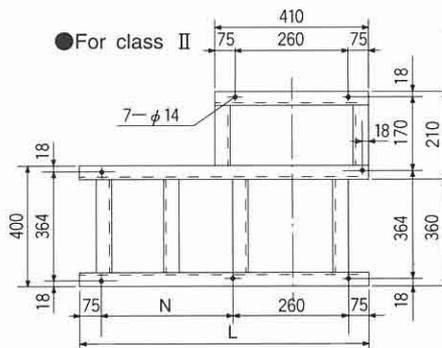
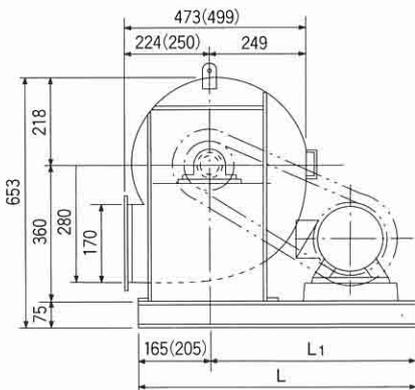
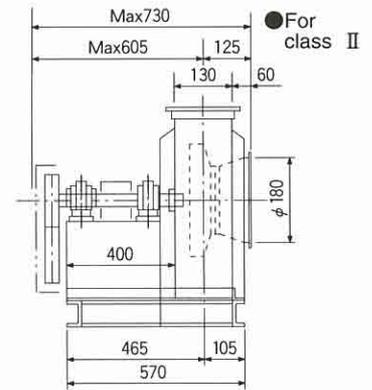
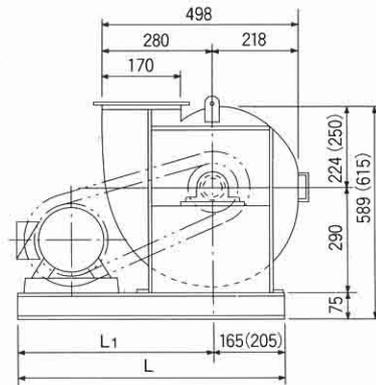
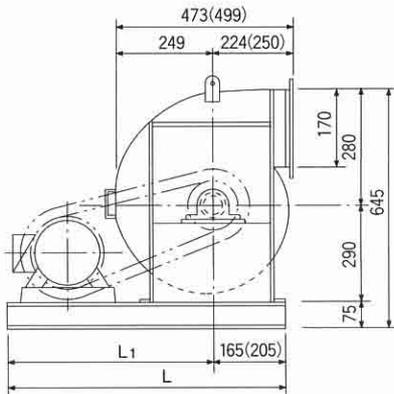
## PERFORMANCE DATA



## DIMENSIONS (mm)



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	730	565	290
	2.2	740	575	295
Class II	0.75~1.5	770	565	360
	2.2	780	575	370

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight  70 (kg)

Approx Total Weight  (kg)

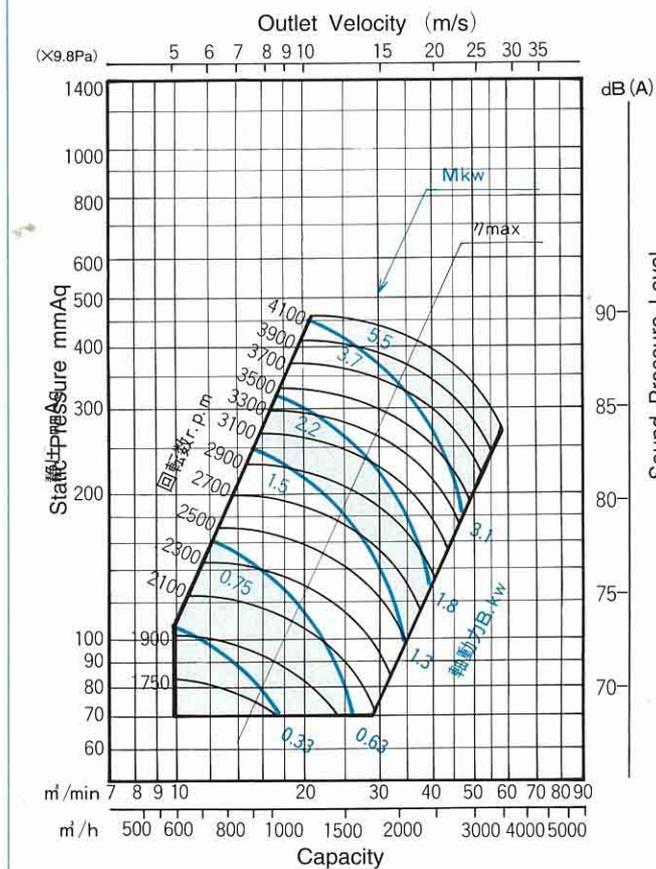
( ) : For class II

30TF

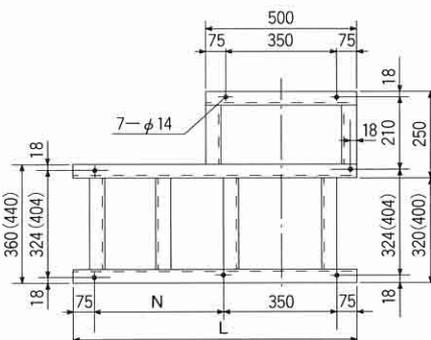
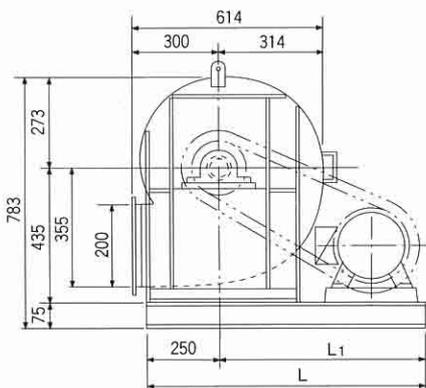
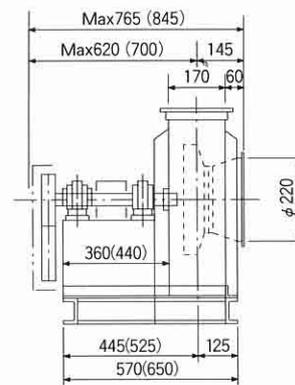
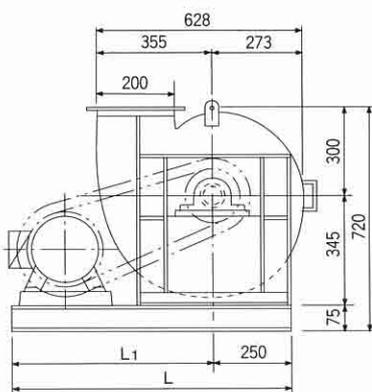
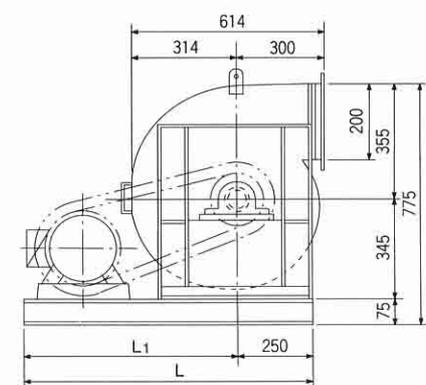


# No.2<sup>1</sup>/<sub>2</sub>-30TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N
0.75~3.7	900	650	400
5.5	1035	785	535

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

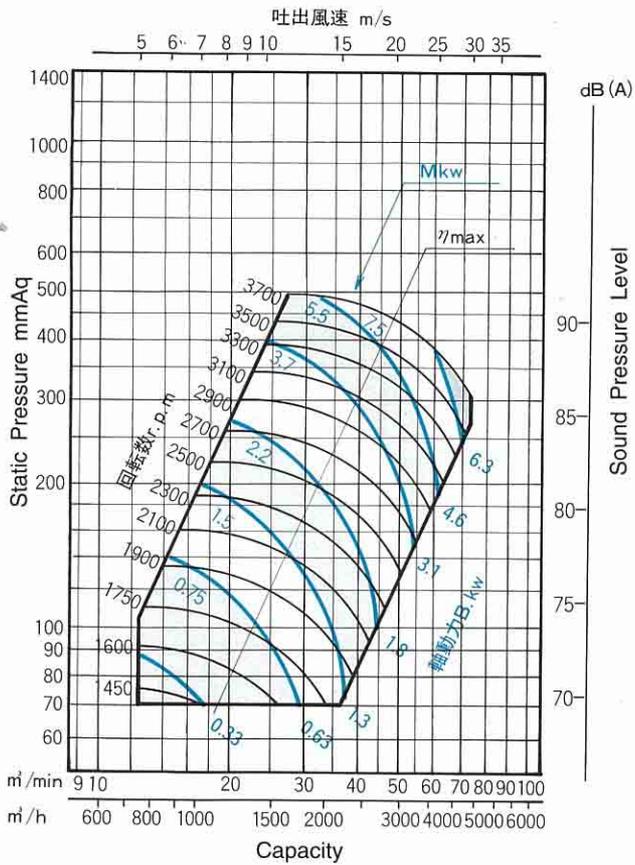
Approx Fan Weight 110 (kg)

Approx Total Weight  (kg)

( ) : For Class II

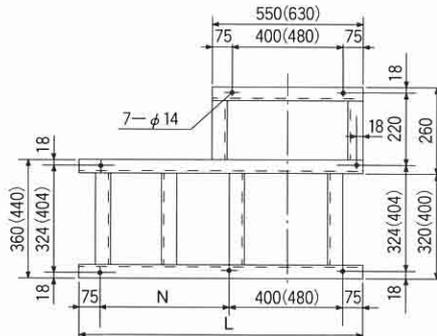
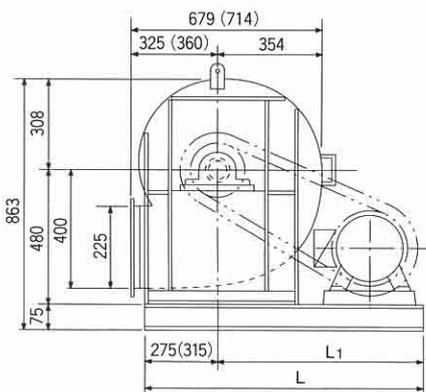
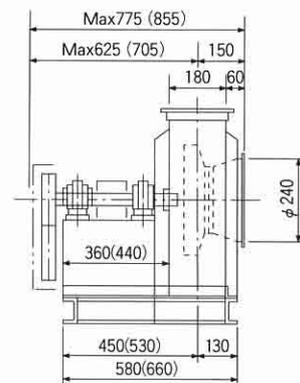
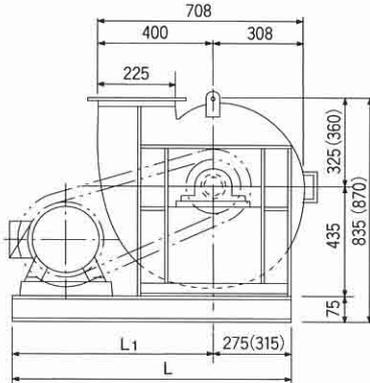
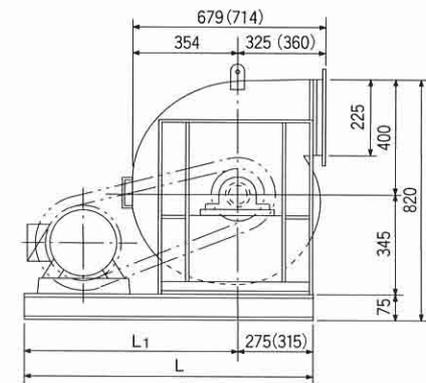
# No.2<sup>3</sup>/<sub>4</sub>-30TF

## PERFORMANCE DATA



30TF

## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~3.7	925	650	375
	5.5~7.5	1060	785	517
Class II	0.75~3.7	965	650	335
	5.5~7.5	1100	785	470

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

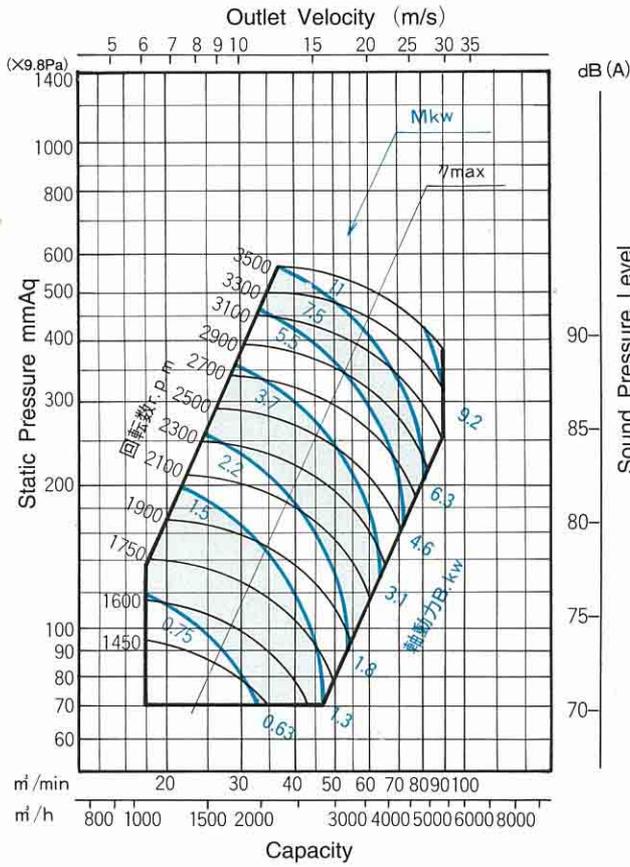
Approx Fan Weight 140 (kg)

Approx Total Weight  (kg)

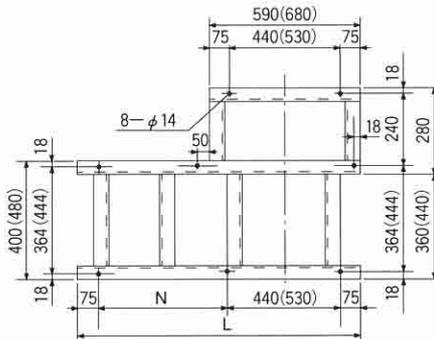
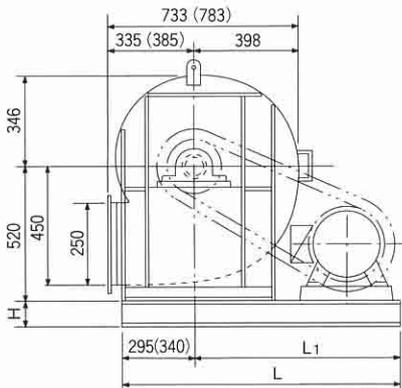
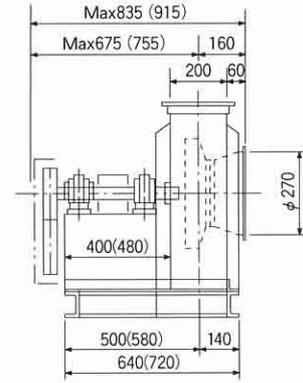
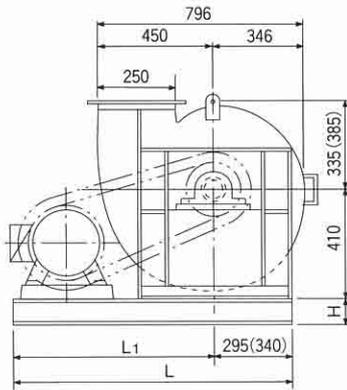
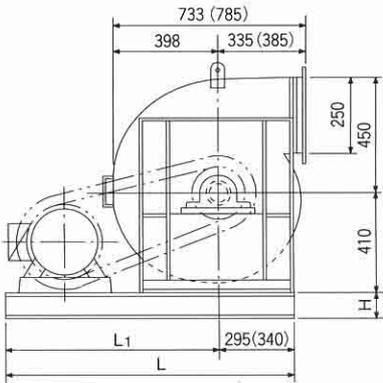
( ) : For Class II

# No.3-30TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
Class I	0.75~5.5	1040	745	450	75	[75×40×5]
	7.5~11	1235	940	645	100	[100×50×5]
Class II	0.75~5.5	1085	745	405	75	[75×40×5]
	7.5~11	1280	940	600	100	[100×50×5]

### ACCESSORIES

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 180 (kg)

Approx Total Weight  (kg)

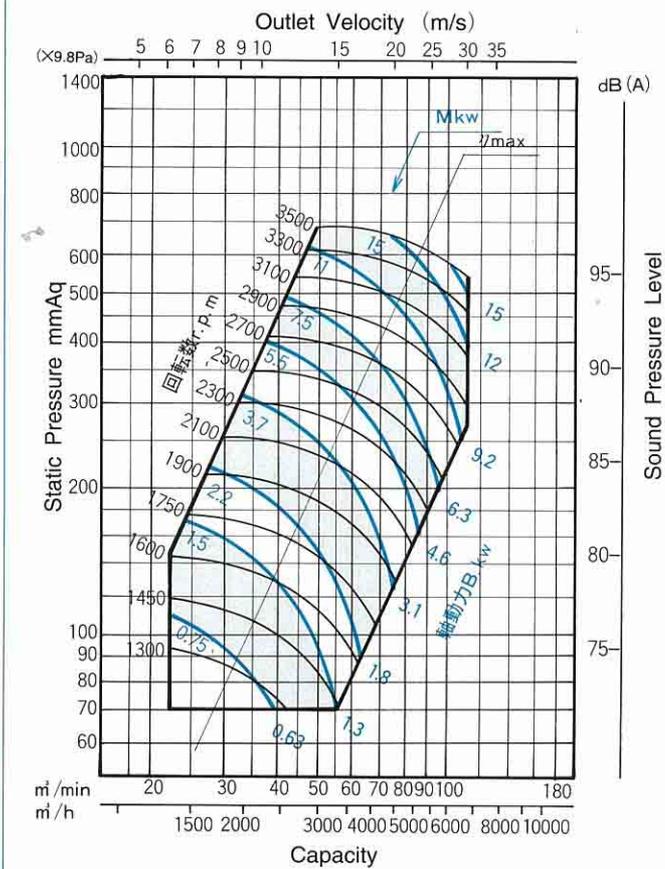
( ) : For Class II

Common Base shows for 0.75~5.5kw

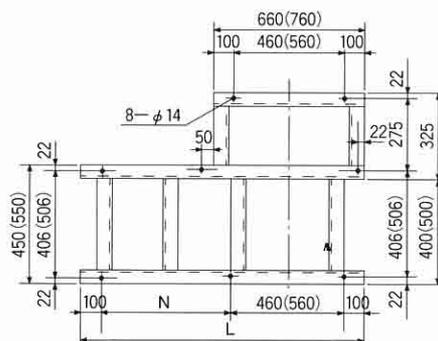
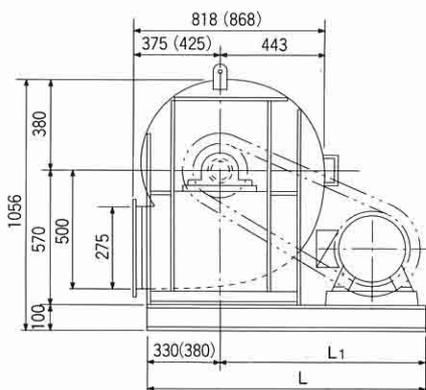
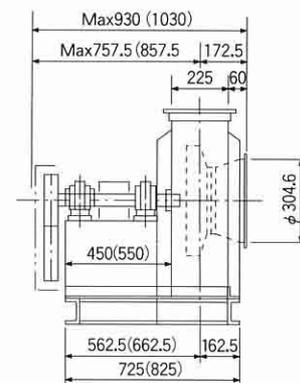
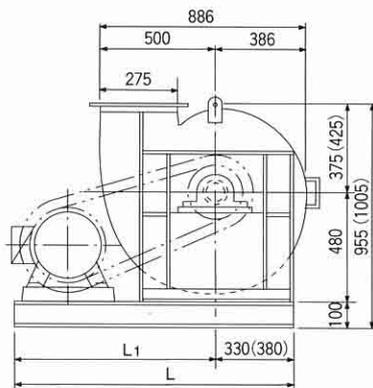
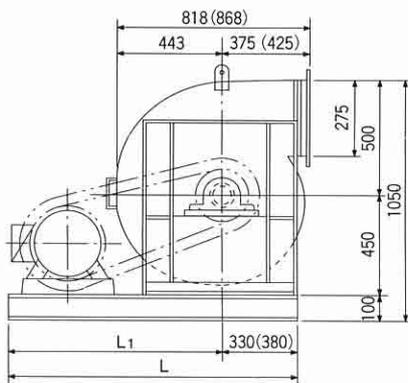
30TF

# No.3<sup>1</sup>/<sub>2</sub>-30TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	1.5~7.5	1100	770	440
	11~15	1340	1010	680
Class II	1.5~7.5	1150	770	390
	11~15	1390	1010	630

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

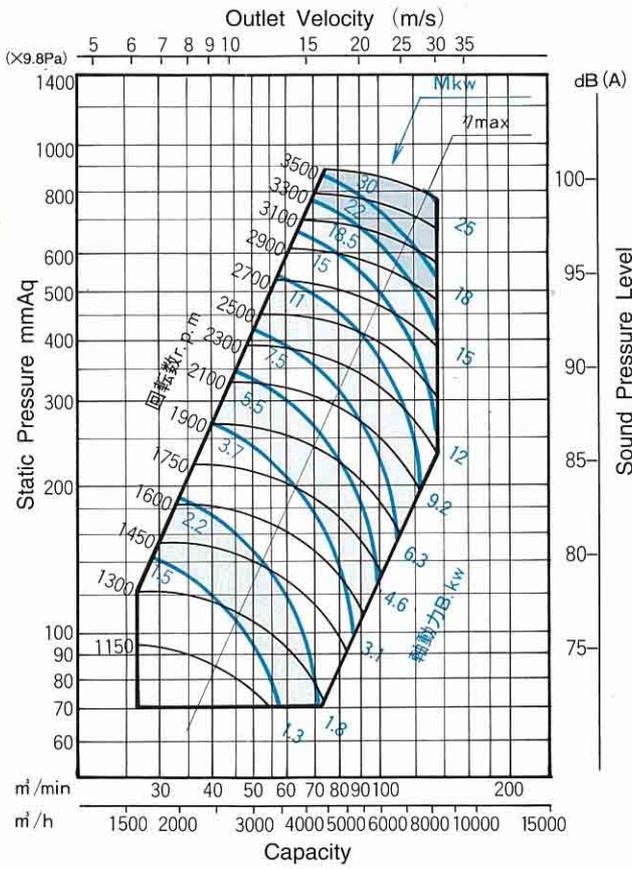
Approx Fan Weight 220 (kg)

Approx Total Weight  (kg)

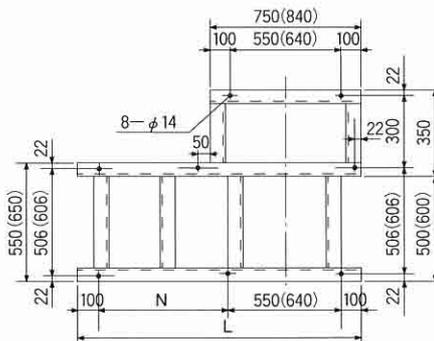
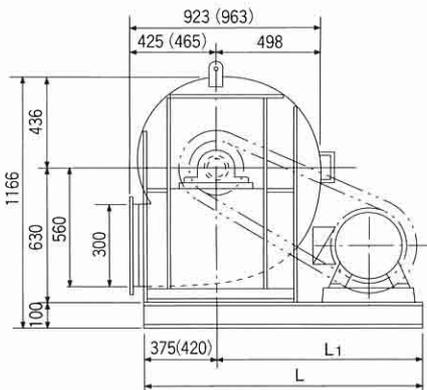
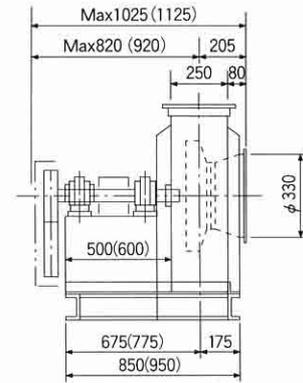
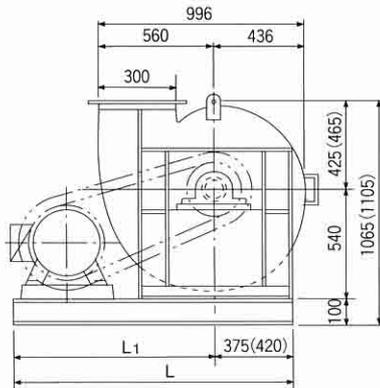
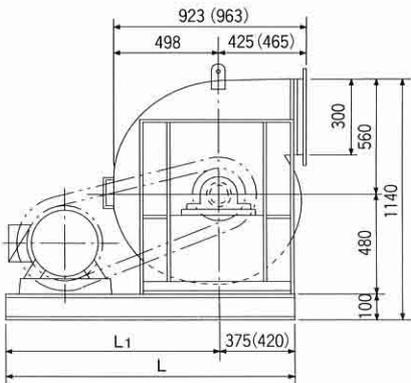
( ) : For Class II

# No.4-30TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	1.5~7.5	1145	770	395
	11~22	1535	1160	785
Class II	1.5~7.5	1190	770	350
	11~22	1580	1160	740

### ACCESSORIES

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 300 (kg)

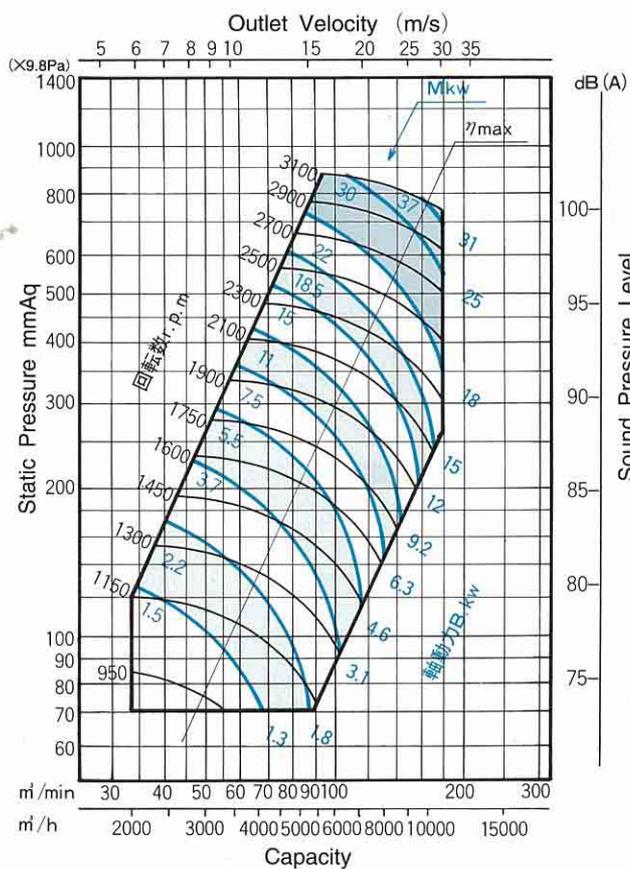
Approx Total Weight  (kg)

( ) : For Class II

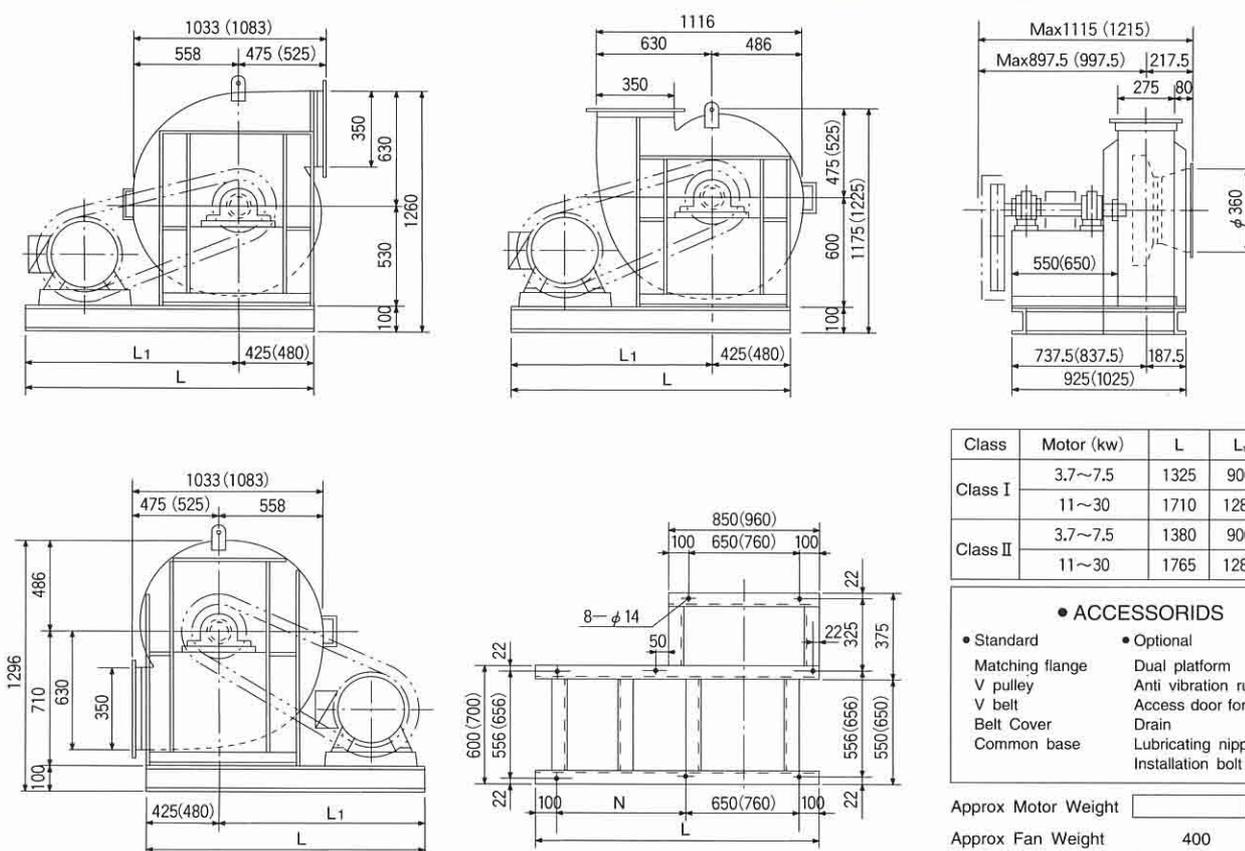
30TF

# No.4<sup>1</sup>/<sub>2</sub>-30TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	3.7~7.5	1325	900	475
	11~30	1710	1285	860
Class II	3.7~7.5	1380	900	420
	11~30	1765	1285	805

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

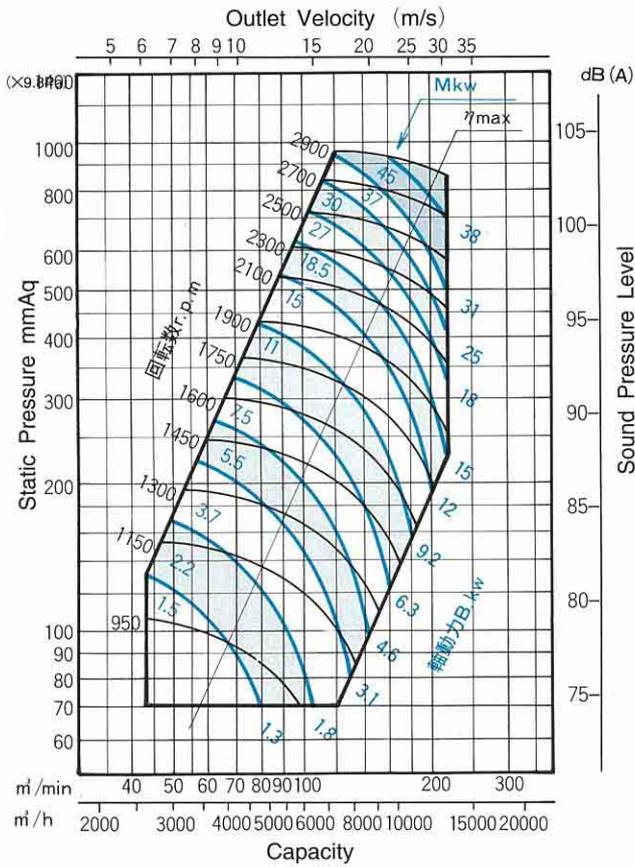
Approx Fan Weight 400 (kg)

Approx Total Weight  (kg)

( ) : For Class II

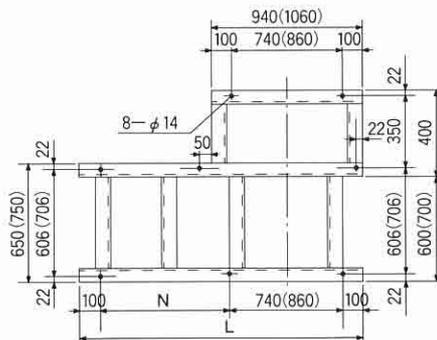
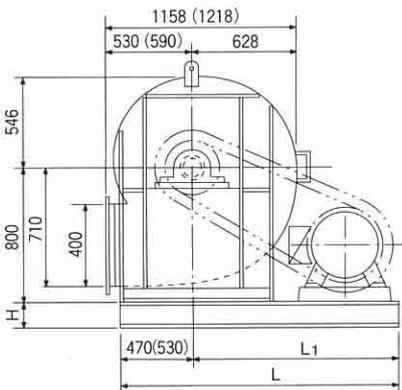
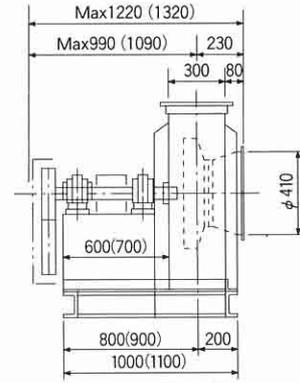
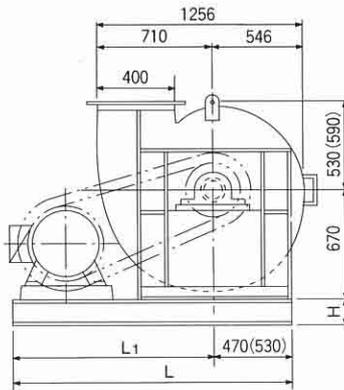
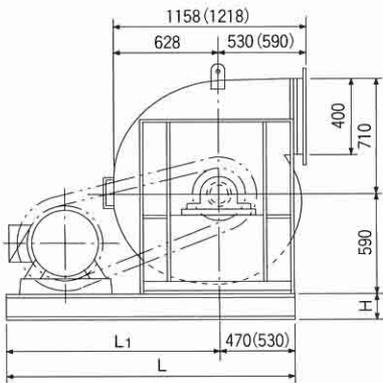
# No.5-30TF

## PERFORMANCE DATA



30TF

## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
Class I	5.5~15	1420	950	480	100	[100×50×5]
	18.5~37	1855	1385	915	125	[125×65×5]
Class II	5.5~15	1480	950	420	100	[100×50×5]
	18.5~37	1915	1385	855	125	[125×65×6]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 500 (kg)

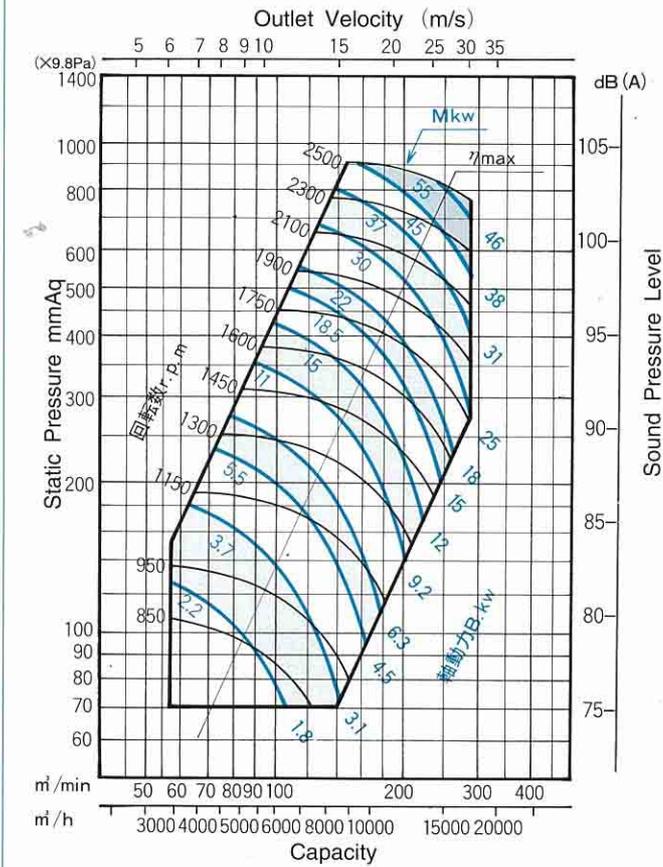
Approx Total Weight  (kg)

( ) : For Class II

Common Base shows for 5.5~15kw

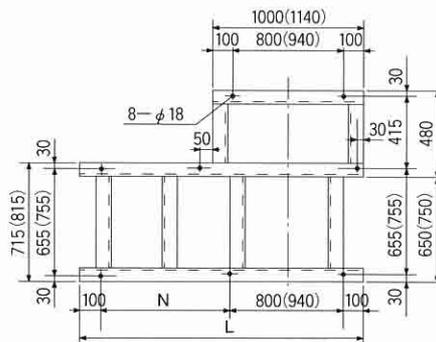
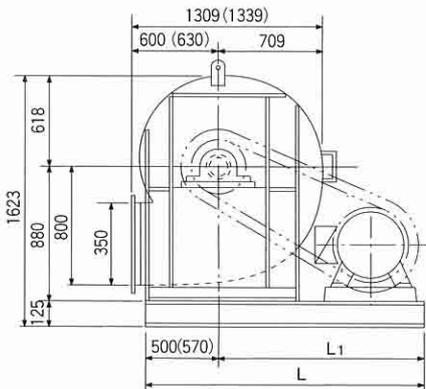
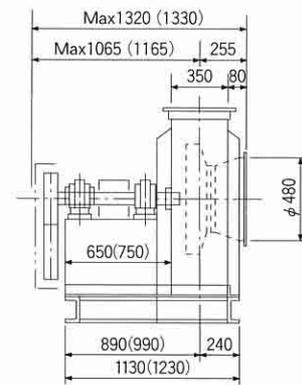
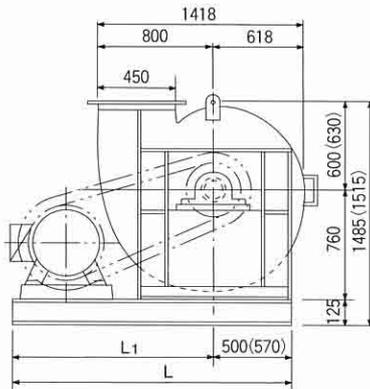
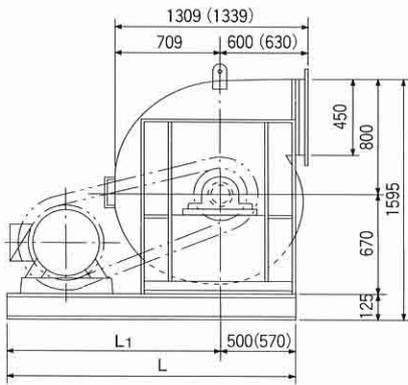
# No.5<sup>1</sup>/<sub>2</sub>-30TF

## PERFORMANCE DATA



30TF

## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	2.2~15	1435	935	435
	18.5~45	1925	1425	925
Class II	2.2~15	1505	935	365
	18.5~45	1995	1425	855

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

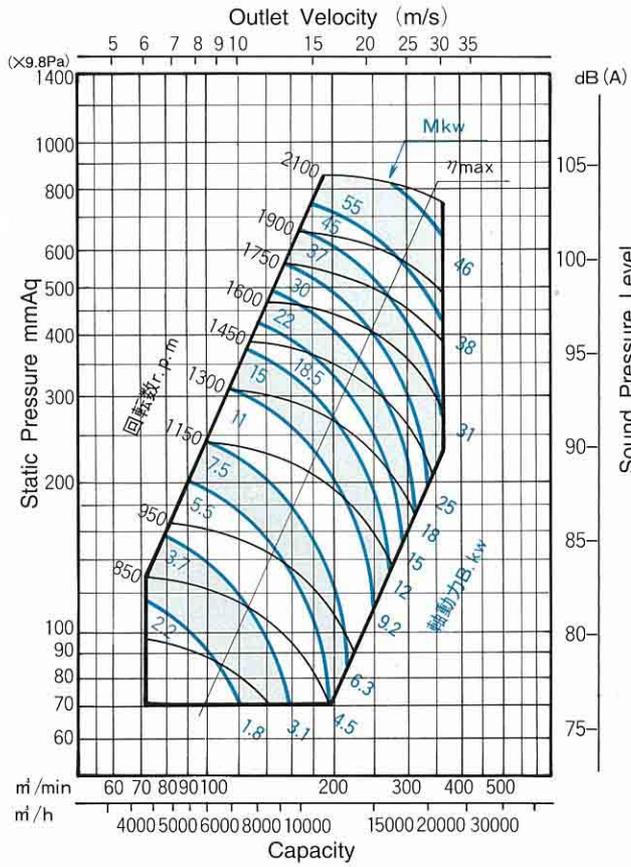
Approx Fan Weight  680 (kg)

Approx Total Weight  (kg)

( ) : For Class II

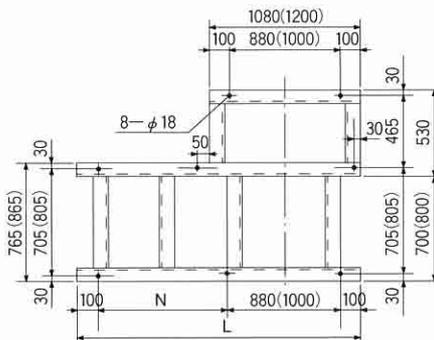
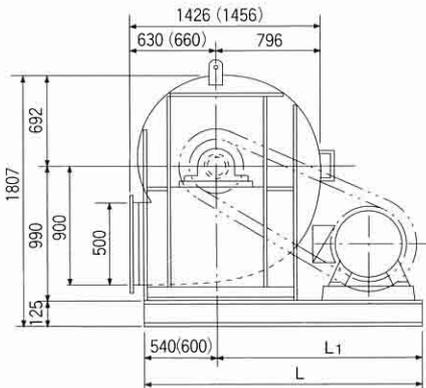
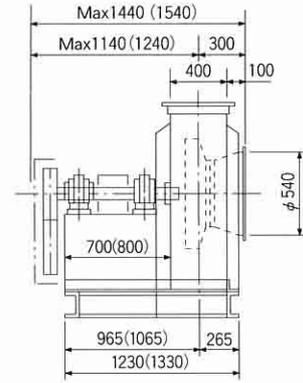
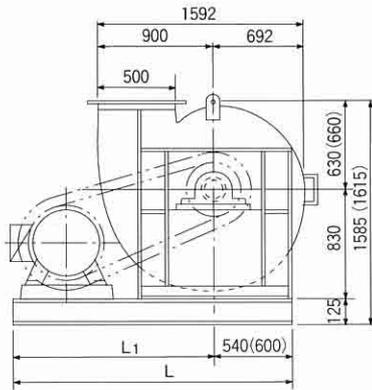
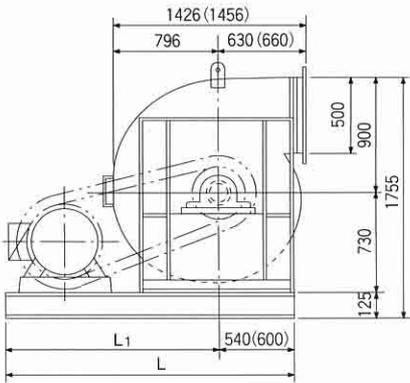
# No.6-30TF

## PERFORMANCE DATA



30TF

## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	2.2~15	1490	950	410
	18.5~55	2060	1520	980
Class II	2.2~15	1550	950	350
	18.5~55	2120	1520	920

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

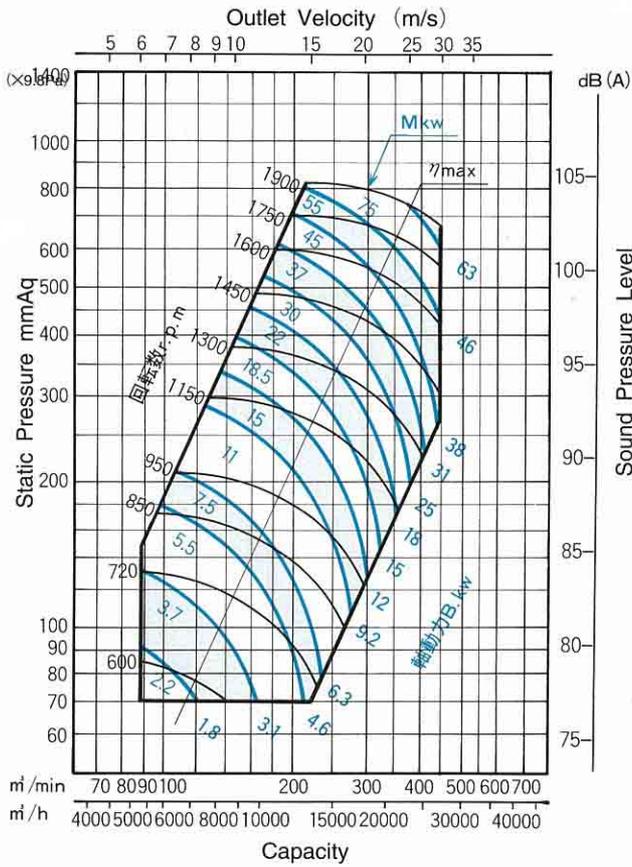
Approx Fan Weight  860 (kg)

Approx Total Weight  (kg)

( ) : For Class II

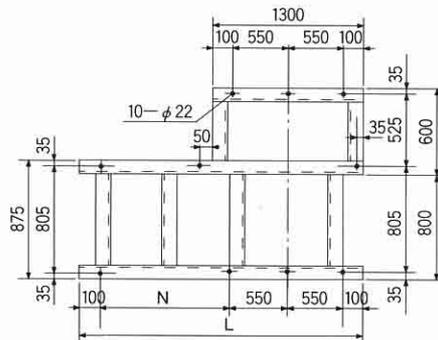
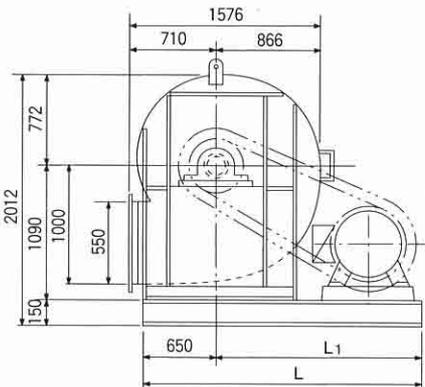
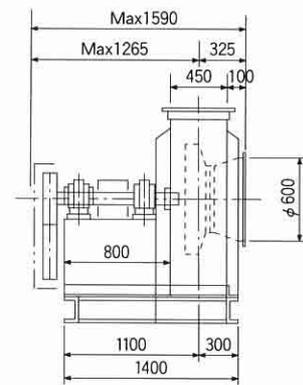
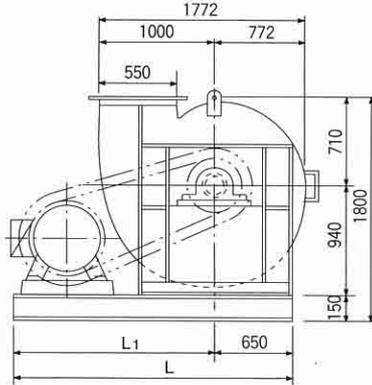
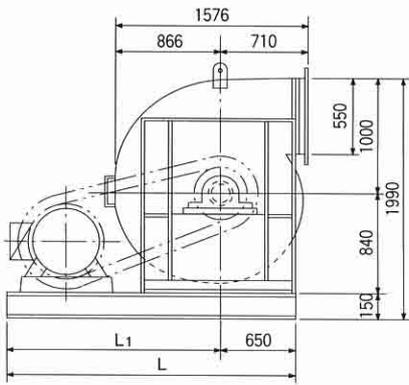
# No.7-30TF

## PERFORMANCE DATA



30TF

## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N
3.7~15	1670	1020	370
18.5~75	2640	1990	1340

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

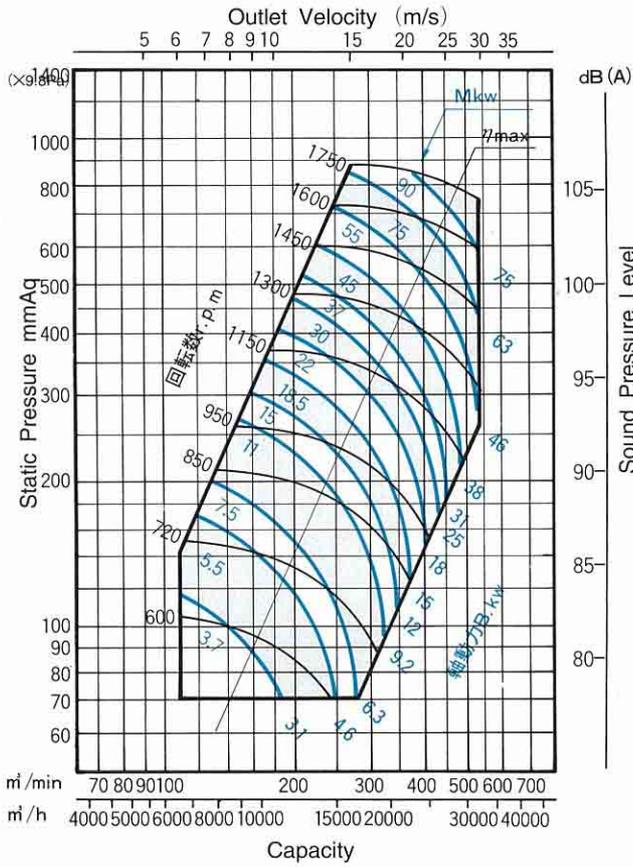
Approx Motor Weight  (kg)

Approx Fan Weight  960 (kg)

Approx Total Weight  (kg)

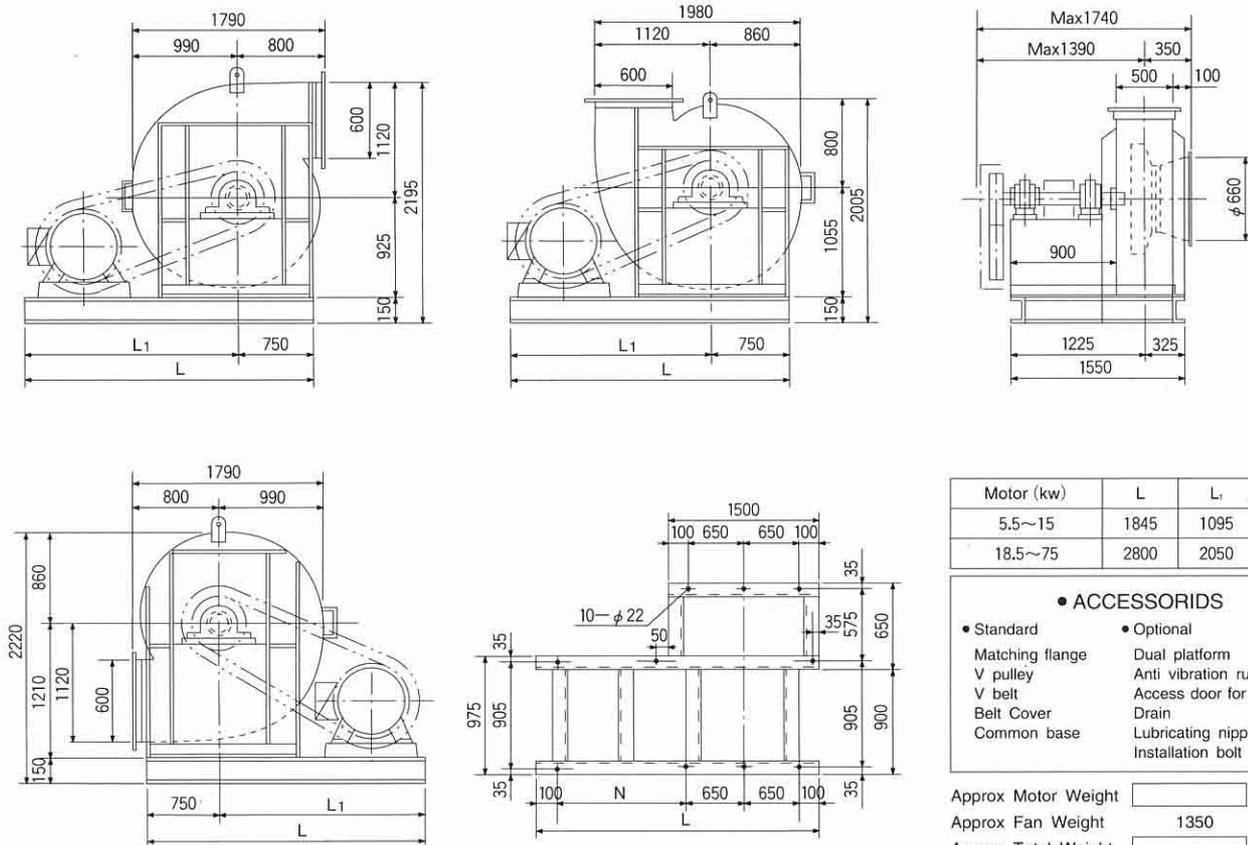
# No.8-30TF

## PERFORMANCE DATA



30TF

## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N
5.5~15	1845	1095	345
18.5~75	2800	2050	1300

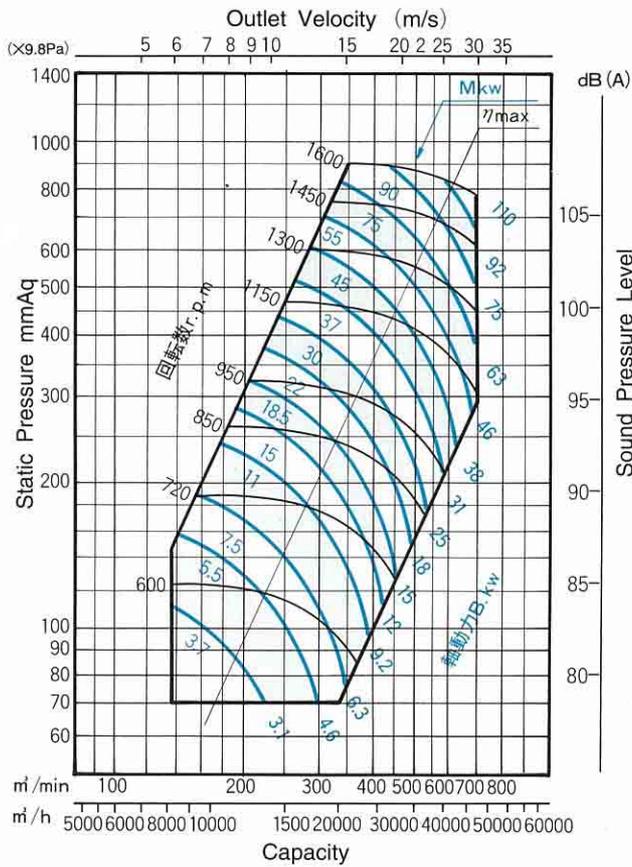
### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

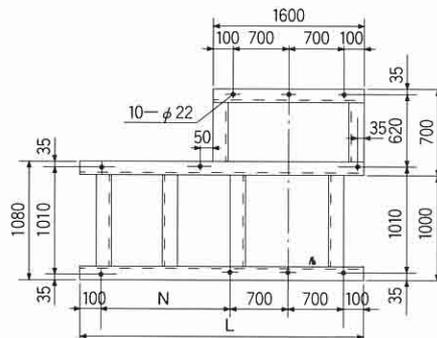
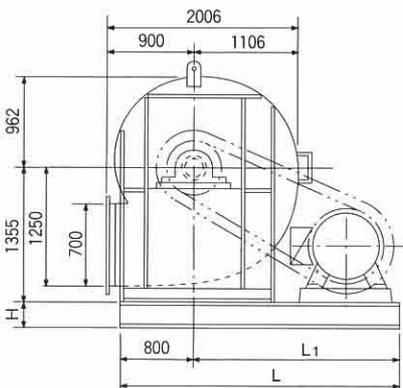
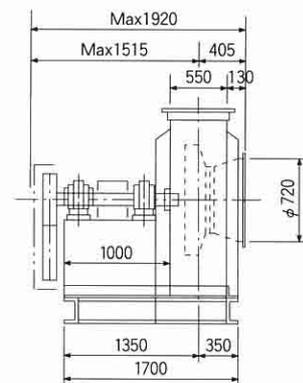
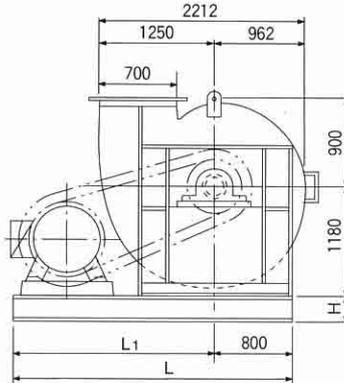
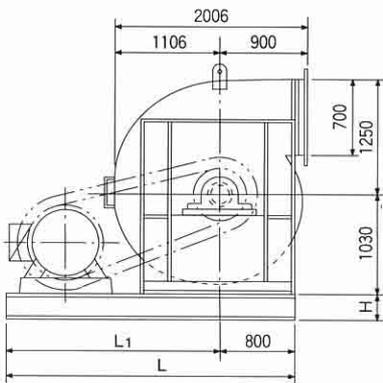
Approx Motor Weight  (kg)  
 Approx Fan Weight 1350 (kg)  
 Approx Total Weight  (kg)

# No.9-30TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
7.5~15	2075	1275	475	180	[180×75×7
18.5~90	2870	2070	1270	200	[200×80×7.5

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

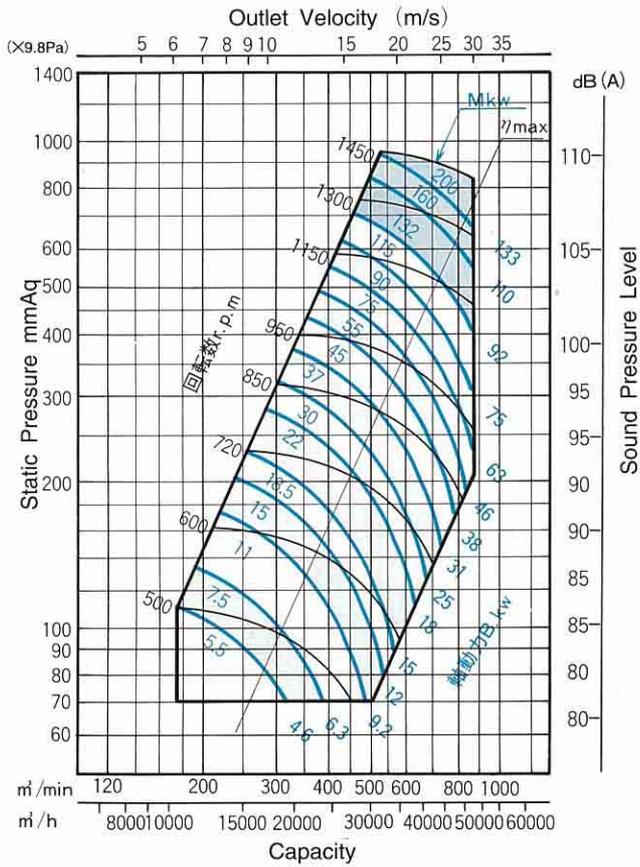
Approx Fan Weight 1600 (kg)

Approx Total Weight  (kg)

Common Base shows for 18.5-90kw

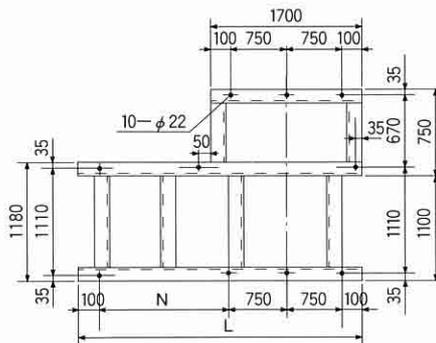
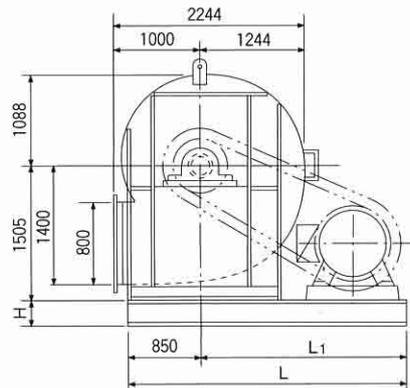
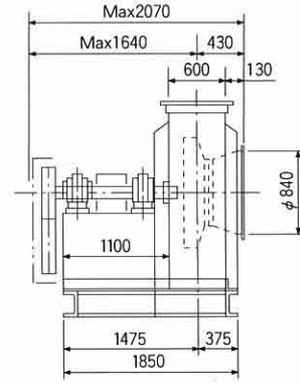
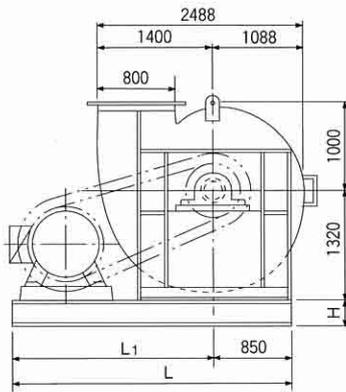
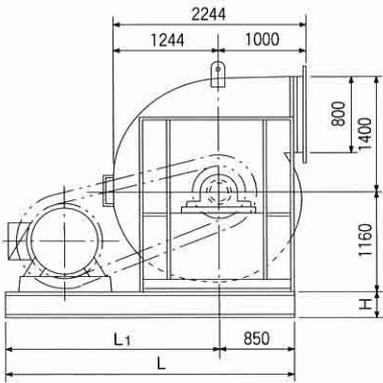
# No.10-30TF

## PERFORMANCE DATA



30TF

## DIMENSIONS (mm)



Motor (kw)	L	L <sub>i</sub>	N	H	Common Base
11~15	2170	1320	470	180	[180×75×7
18.5~110	3150	2300	1450	200	[200×80×7.5

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

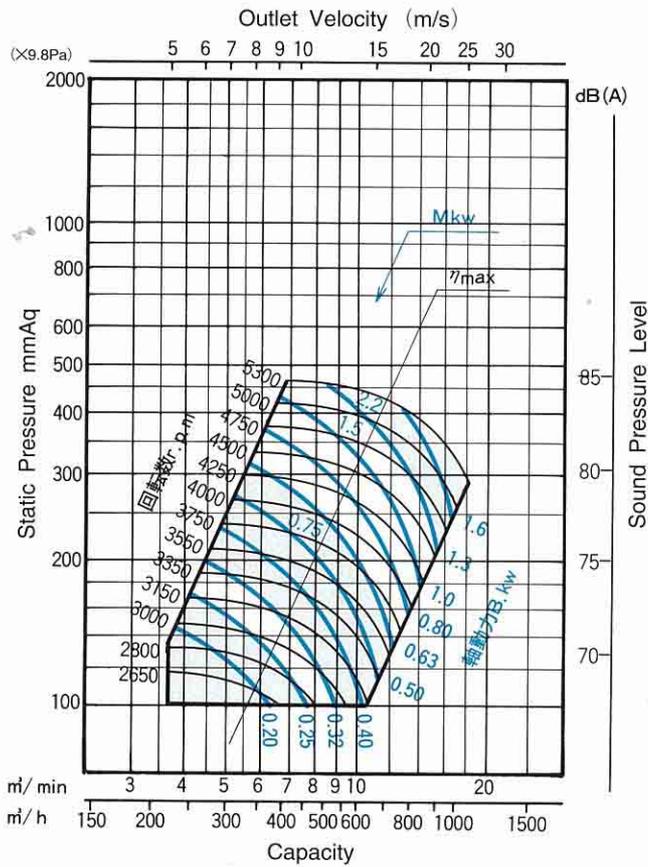
Approx Fan Weight 2200 (kg)

Approx Total Weight  (kg)

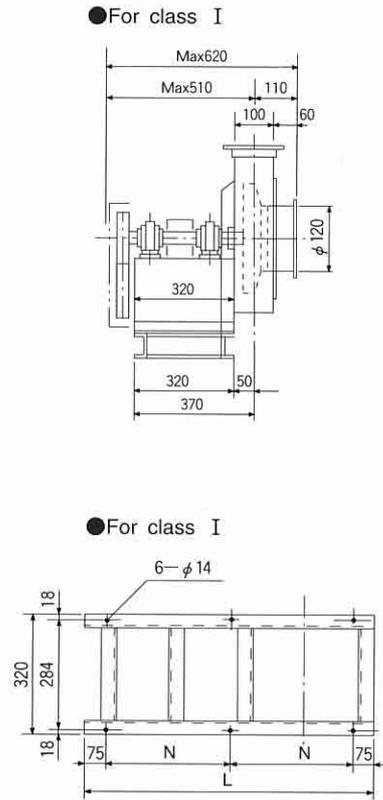
Common Base shows for 18.5~110kw

# No.2-20TF

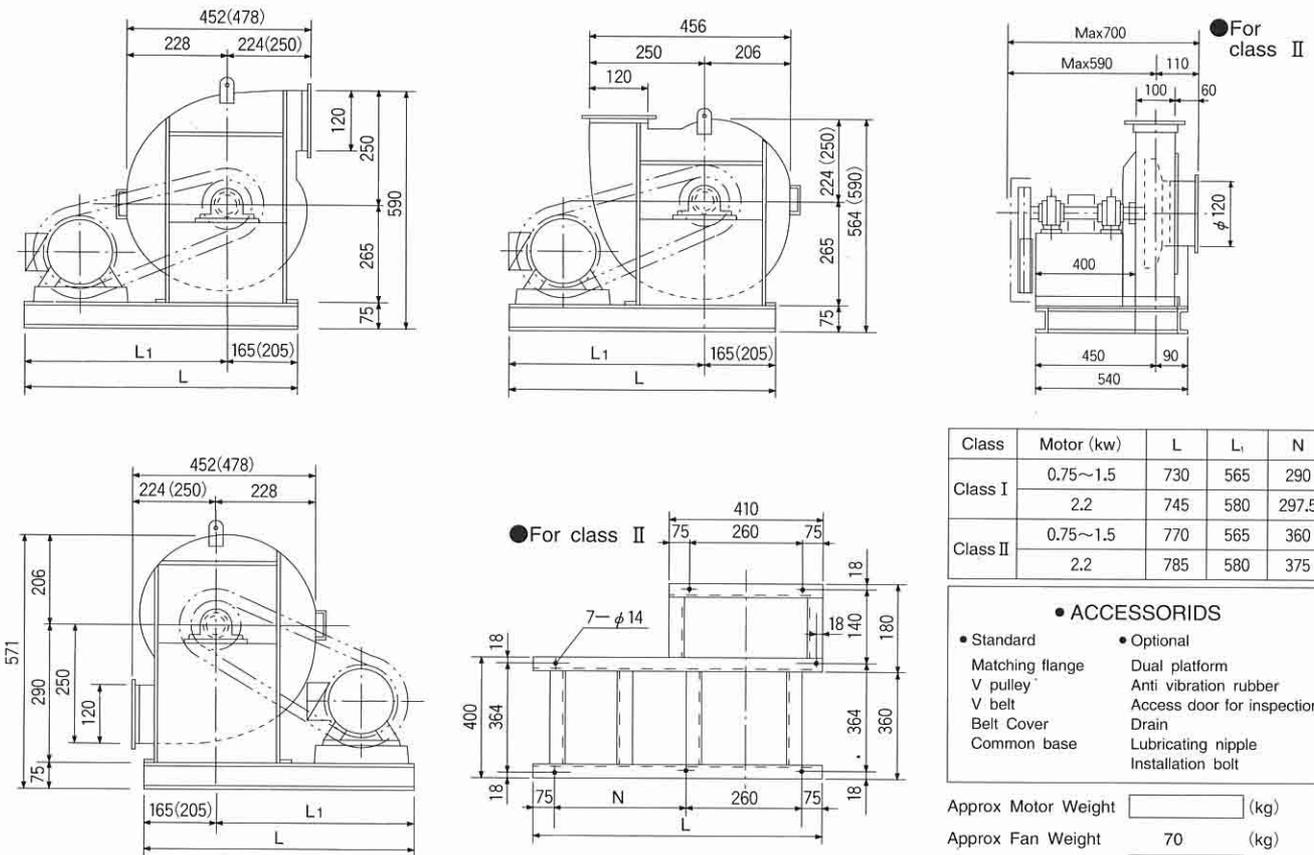
## PERFORMANCE DATA



## DIMENSIONS (mm)



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	730	565	290
	2.2	745	580	297.5
Class II	0.75~1.5	770	565	360
	2.2	785	580	375

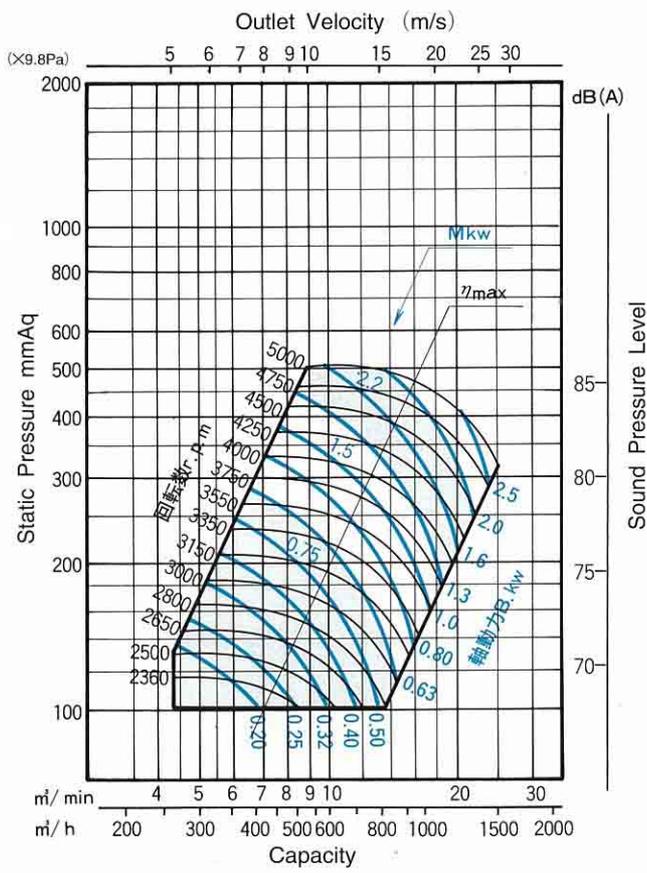
- ACCESSORIS
- Standard
    - Matching flange
    - V pulley
    - V belt
    - Belt Cover
    - Common base
  - Optional
    - Dual platform
    - Anti vibration rubber
    - Access door for inspection
    - Drain
    - Lubricating nipple
    - Installation bolt

Approx Motor Weight  (kg)  
 Approx Fan Weight 70 (kg)  
 Approx Total Weight  (kg)  
 ( ) : For Class II

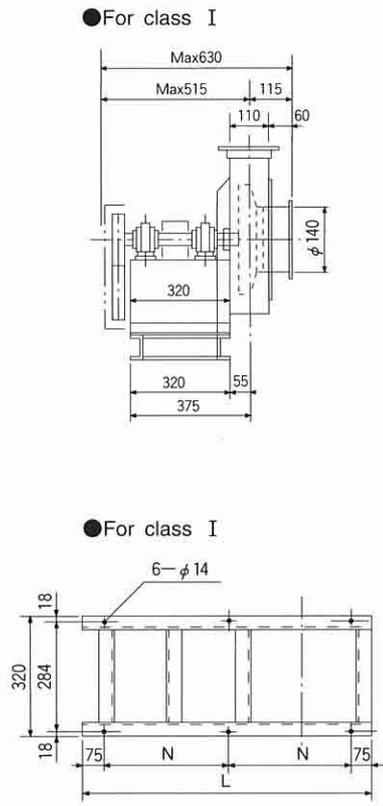
20TF

# No.2<sup>1</sup>/<sub>4</sub>-20TF

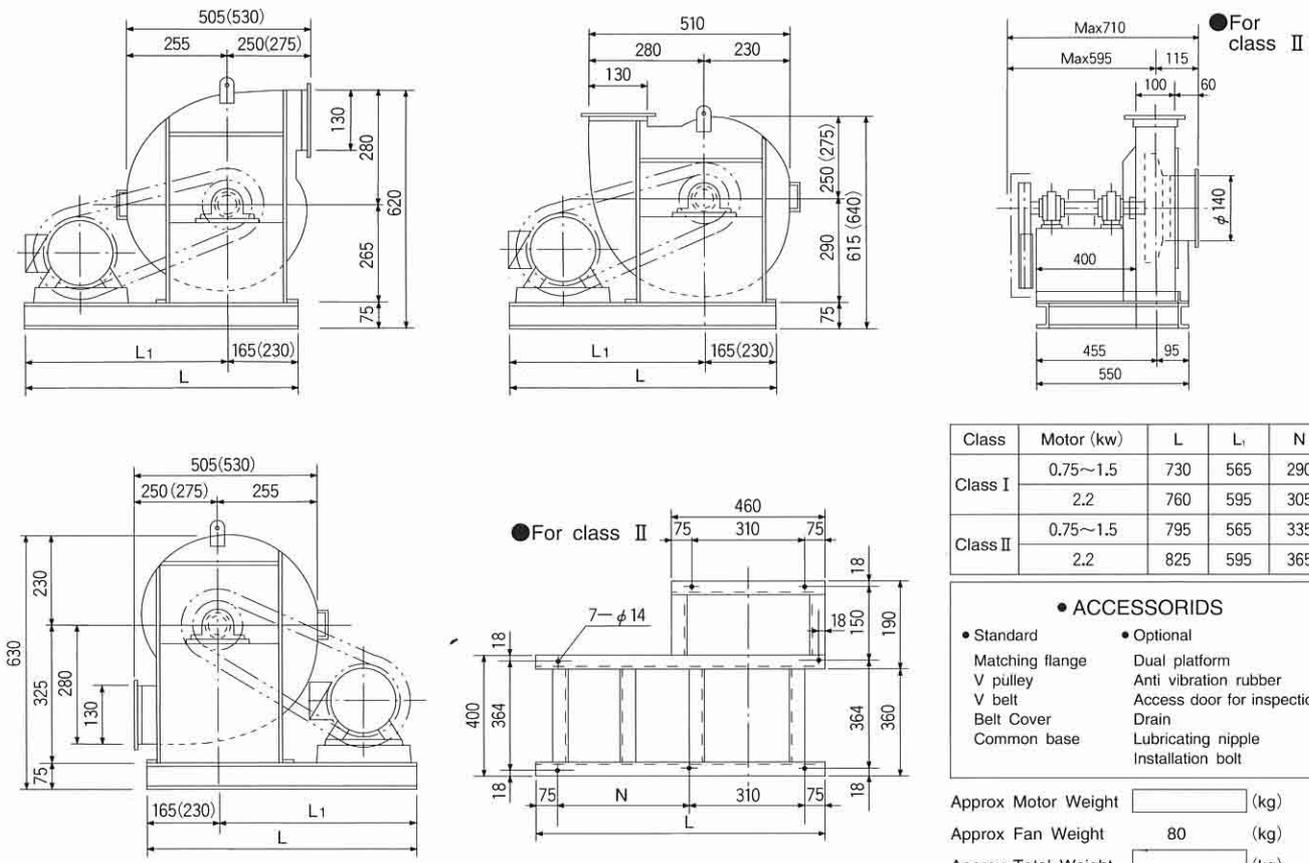
## PERFORMANCE DATA



## DIMENSIONS (mm)



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	730	565	290
	2.2	760	595	305
Class II	0.75~1.5	795	565	335
	2.2	825	595	365

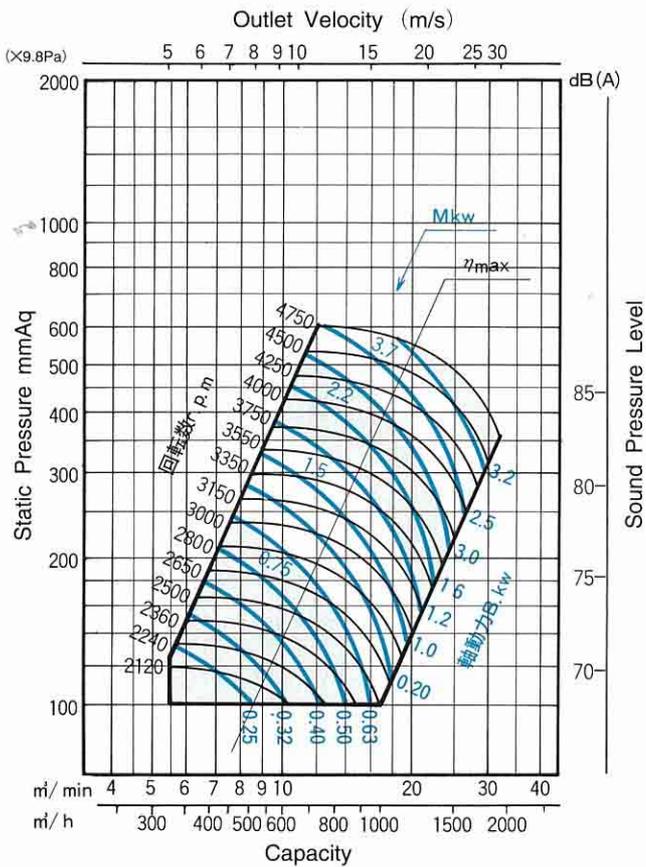
- ACCESSORIS
- Standard
    - Matching flange
    - V pulley
    - V belt
    - Belt Cover
    - Common base
  - Optional
    - Dual platform
    - Anti vibration rubber
    - Access door for inspection
    - Drain
    - Lubricating nipple
    - Installation bolt

Approx Motor Weight  (kg)  
 Approx Fan Weight 80 (kg)  
 Approx Total Weight  (kg)  
 ( ) : For Class II

20TF

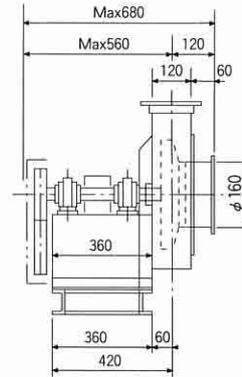
# No.2<sup>1</sup>/<sub>2</sub>-20TF

## PERFORMANCE DATA

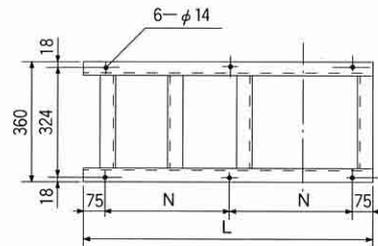


## DIMENSIONS (mm)

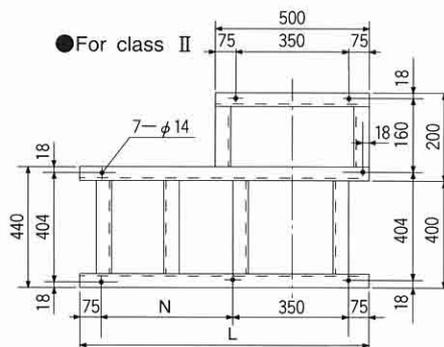
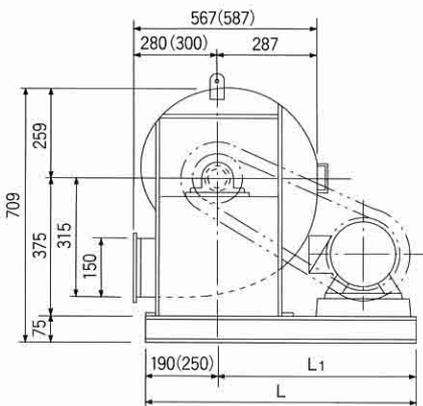
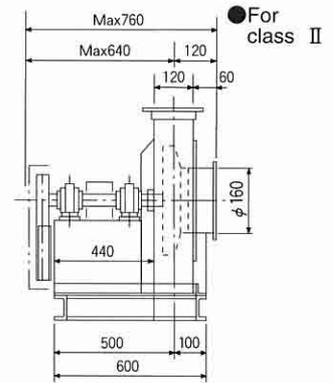
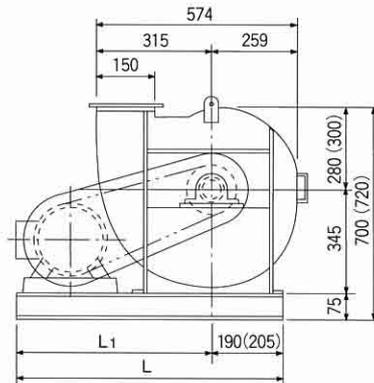
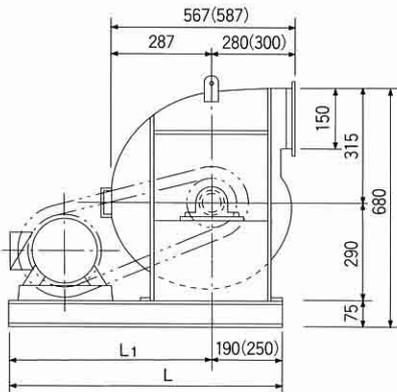
● For class I



● For class I



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~3.7	840	650	345
Class II	0.75~3.7	900	650	400

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 110 (kg)

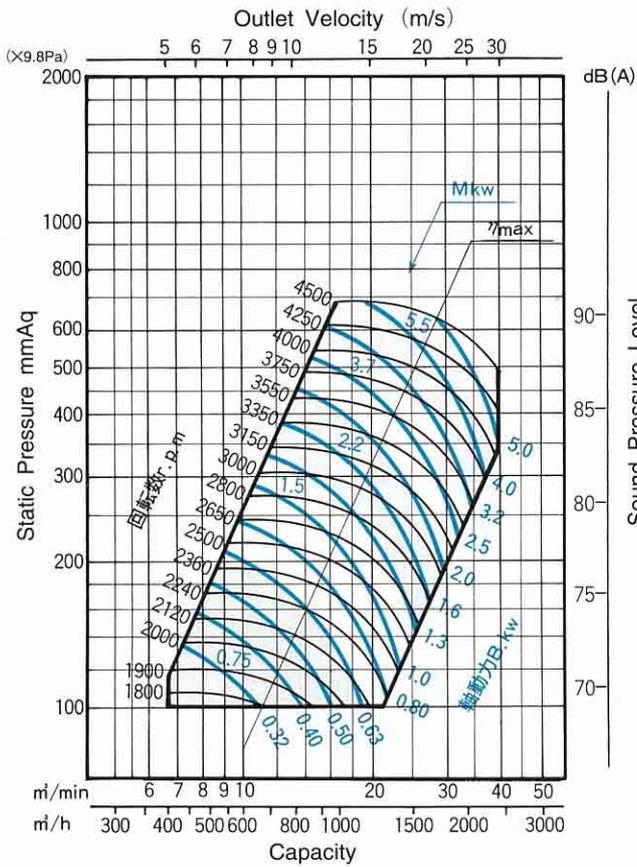
Approx Total Weight  (kg)

( ) : For Class II

20TF

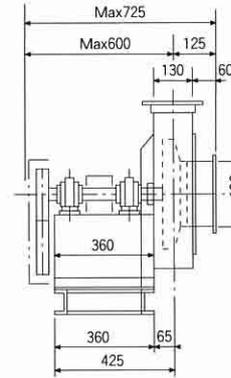
# No.2<sup>3</sup>/<sub>4</sub>-20TF

## PERFORMANCE DATA

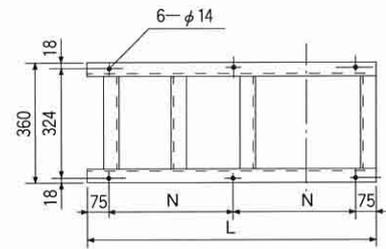


## DIMENSIONS (mm)

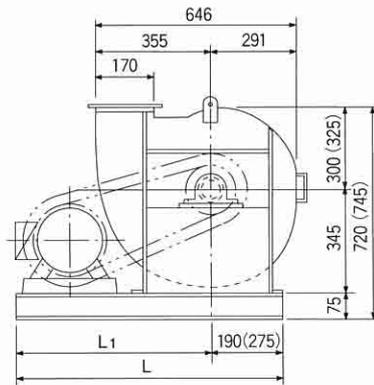
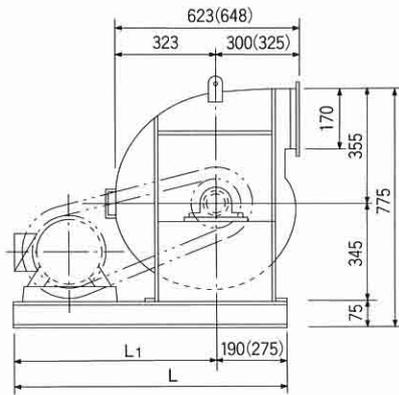
● For class I



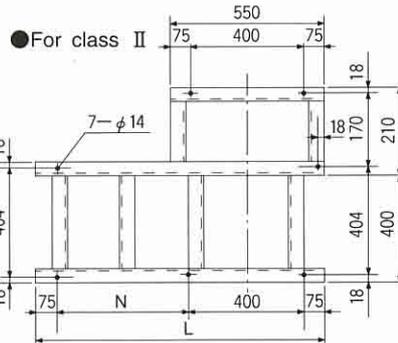
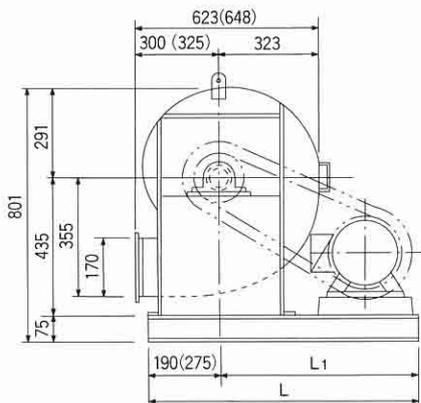
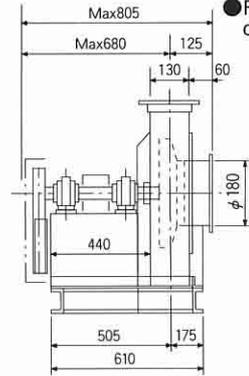
● For class I



## DIMENSIONS (mm)



● For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~3.7	840	650	345
	5.5	975	785	412.5
Class II	0.75~3.7	925	650	375
	5.5	1060	785	510

### ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 140 (kg)

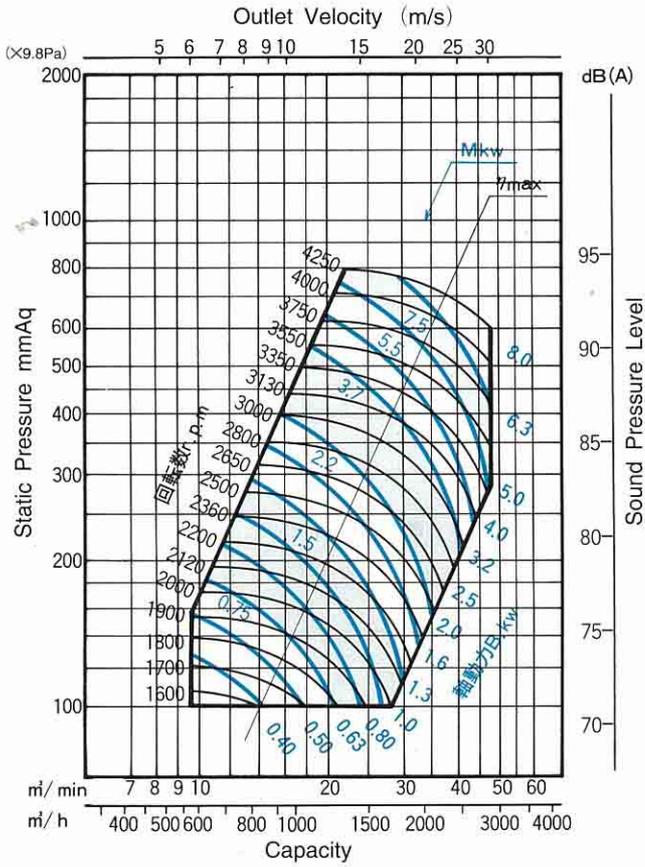
Approx Total Weight  (kg)

( ) : For Class II

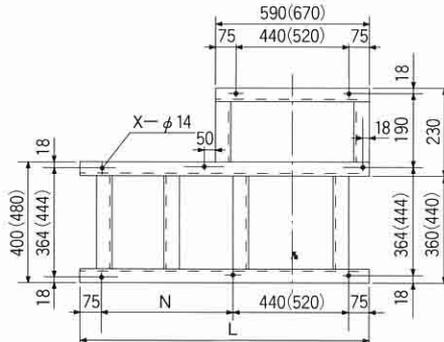
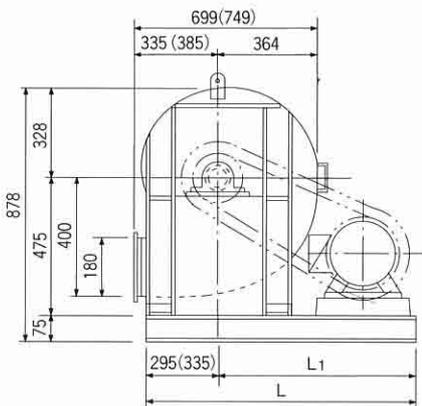
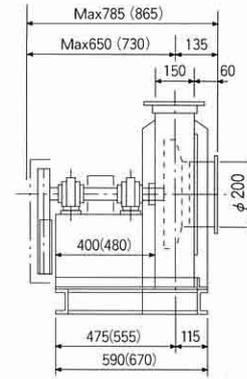
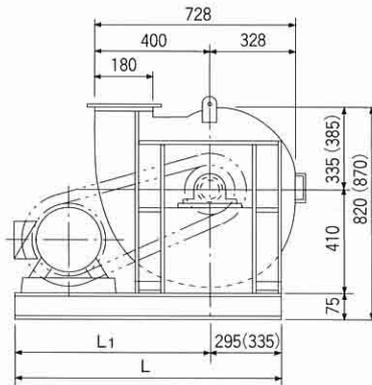
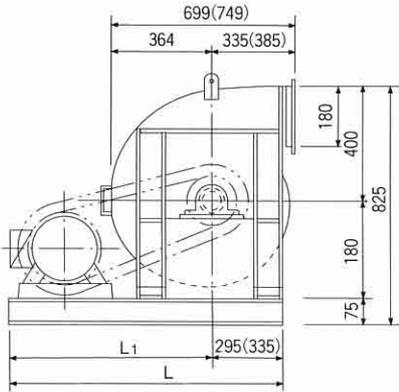
20TF

# No.3-20TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	X
Class I	0.75~5.5	1040	745	450	7
	7.5	1180	885	590	8
Class II	0.75~5.5	1080	745	410	7
	7.5	1220	885	550	8

### ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

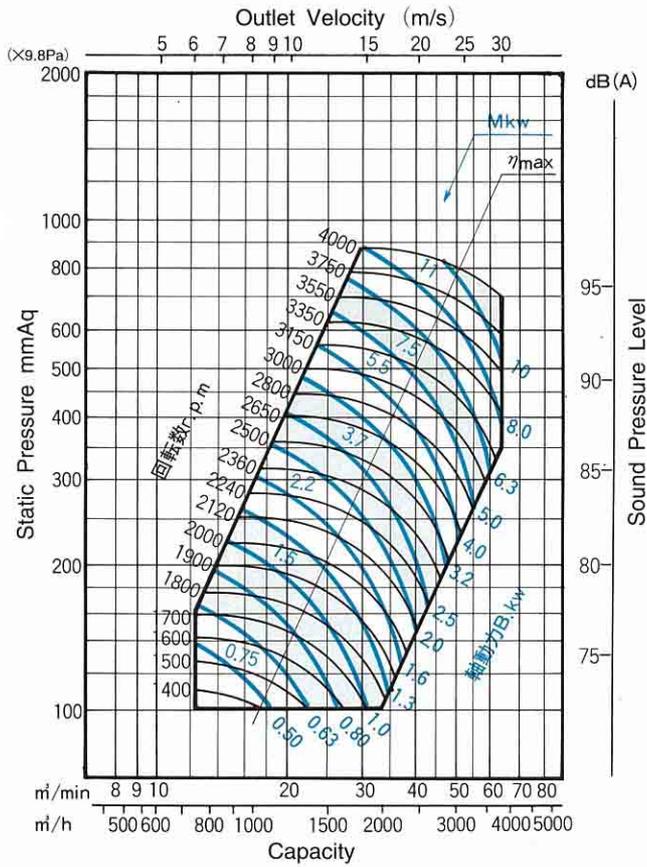
Approx Fan Weight 180 (kg)

Approx Total Weight  (kg)

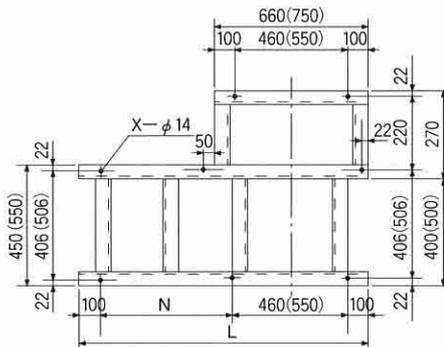
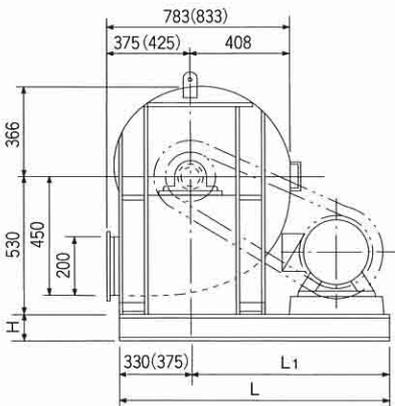
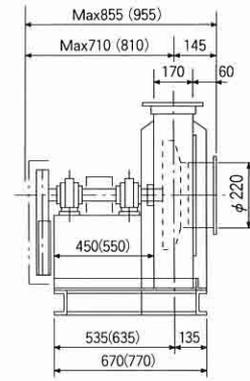
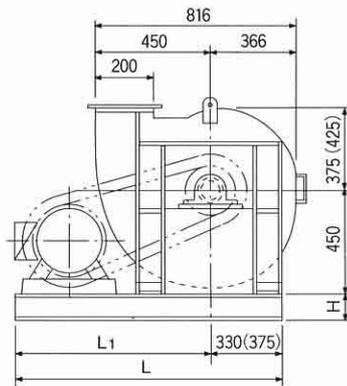
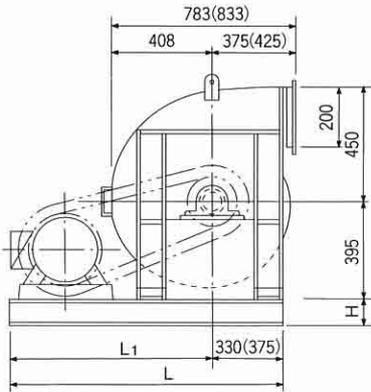
( ) : For Class II

# No.3<sup>1</sup>/<sub>2</sub>-20TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	X	H	Common Base
Class I	0.75~7.5	1100	770	440	7	75	[75×40×5]
	11	1280	950	620	8	100	[100×50×5]
Class II	0.75~7.5	1145	770	395	7	75	[75×40×5]
	11	1325	950	575	8	100	[100×40×5]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 220 (kg)

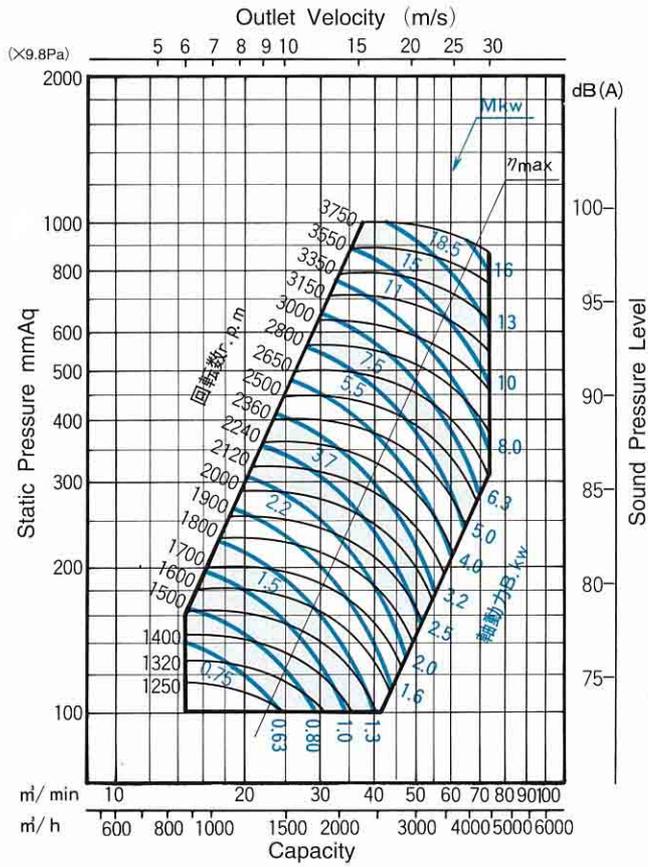
Approx Total Weight  (kg)

( ) : For Class II

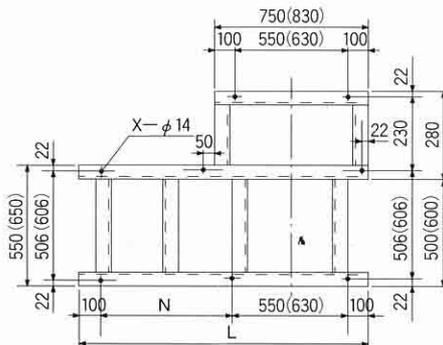
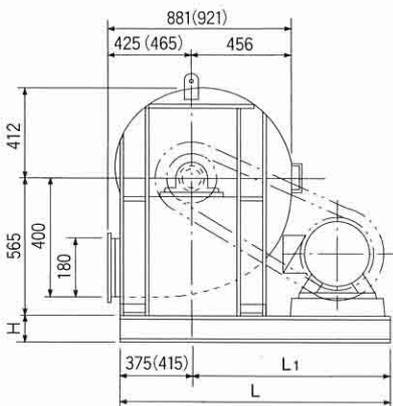
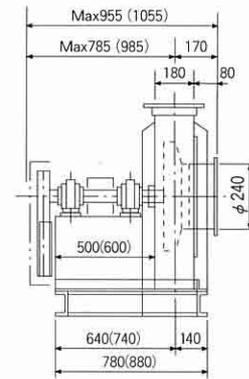
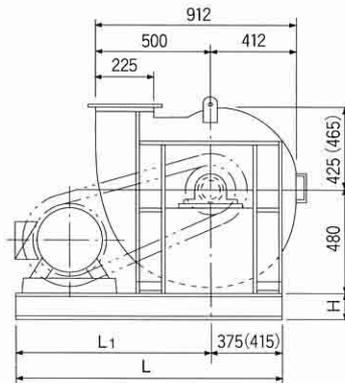
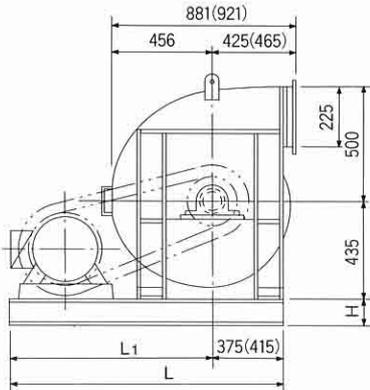
Common Base Shows for 11kw

# No.4-20TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>i</sub>	N	X	H	Common Base
Class I	1.5~7.5	1145	770	395	7	75	[75×40×5]
	11~18.5	1515	1140	765	8	100	[100×50×5]
Class II	1.5~7.5	1185	770	355	7	75	[75×40×5]
	11~18.5	1555	1140	725	8	100	[100×40×5]

### ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 300 (kg)

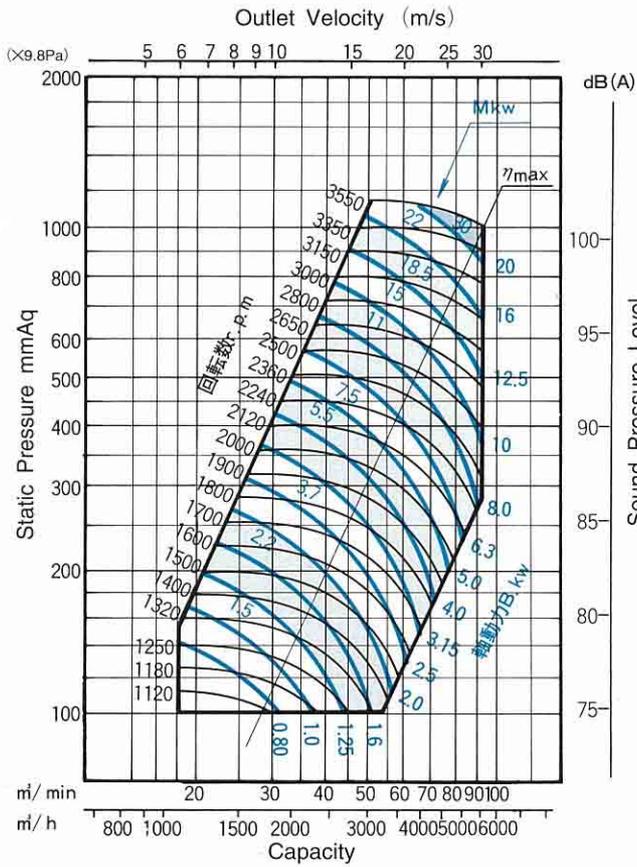
Approx Total Weight  (kg)

( ) : For Class II

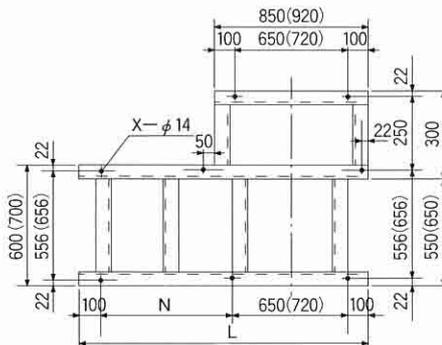
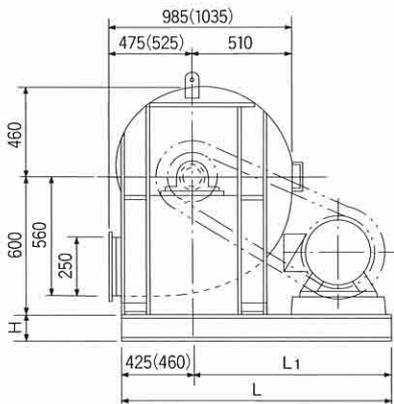
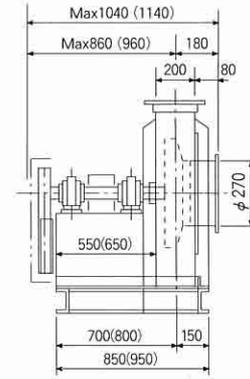
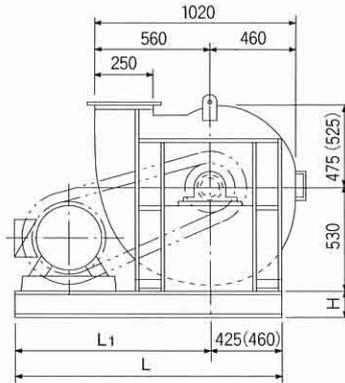
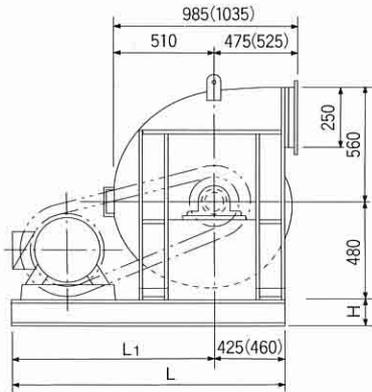
Common Base shows for 11~18.5kw

# No.4<sup>1</sup>/<sub>2</sub>-20TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	X	H	Common Base
Class I	1.5~7.5	1245	820	395	7	75	[75×40×5]
	11~30	1710	1285	860	8	100	[100×50×5]
Class II	1.5~7.5	1280	820	360	7	75	[75×40×5]
	11~30	1745	1285	825	8	100	[100×40×5]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 400 (kg)

Approx Total Weight  (kg)

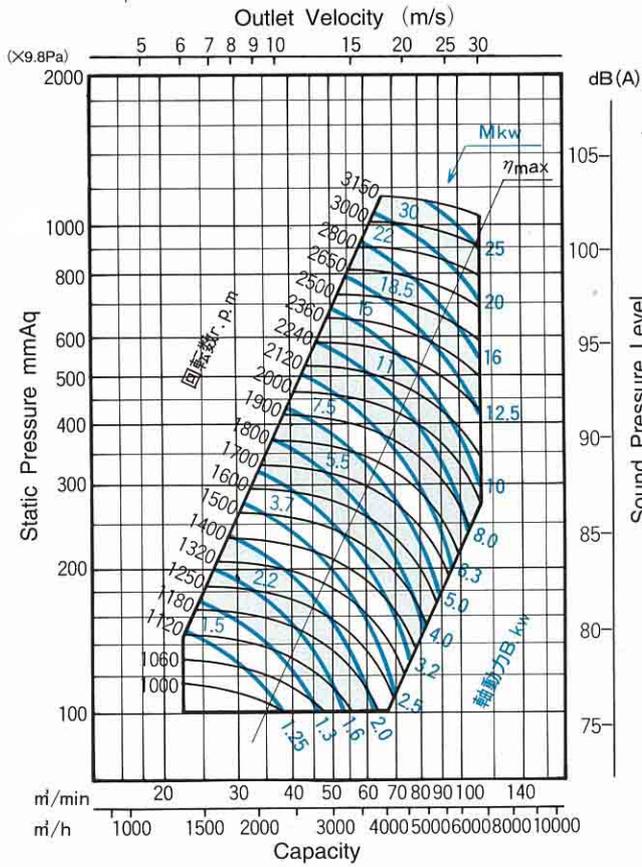
( ) : For Class II

Common Base Shows for 11~30kw

20TF

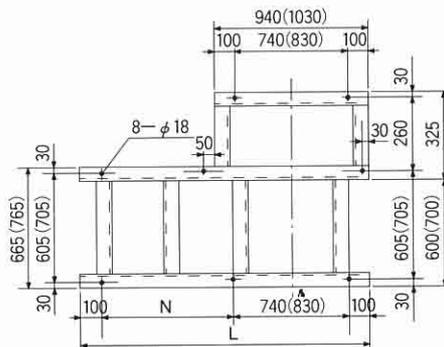
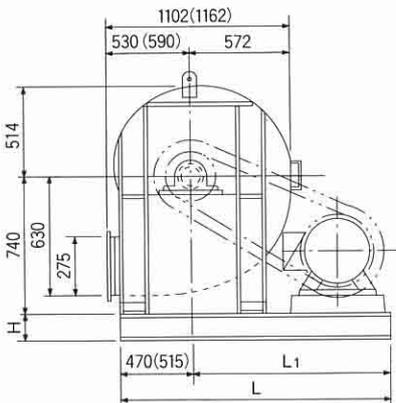
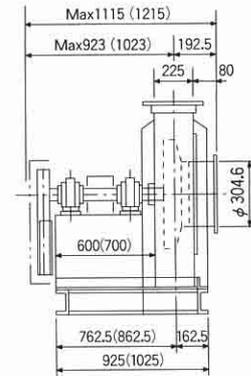
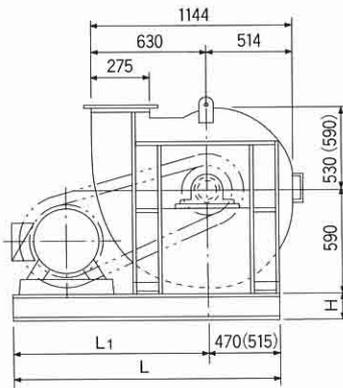
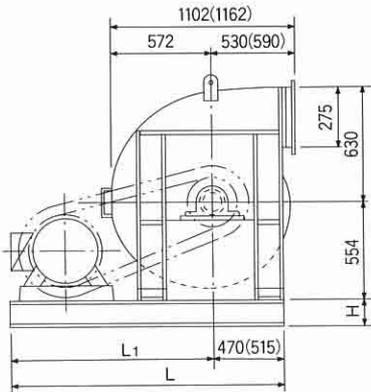
# No.5-20TF

## PERFORMANCE DATA



20TF

## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
Class I	1.5~11	1420	950	480	100	[100×50×5]
	15~30	1855	1385	915	125	[125×65×5]
Class II	1.5~11	1465	950	435	100	[100×40×5]
	15~30	1900	1385	870	125	[125×65×6]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 500 (kg)

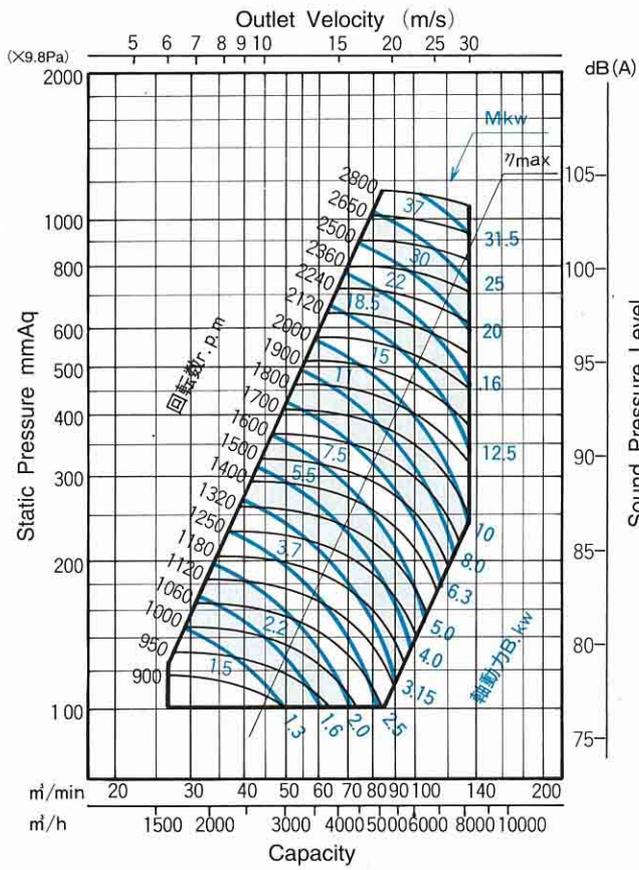
Approx Total Weight  (kg)

( ) : For Class II

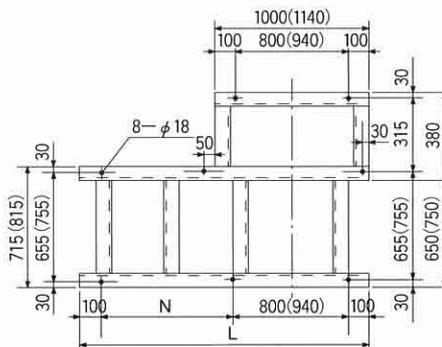
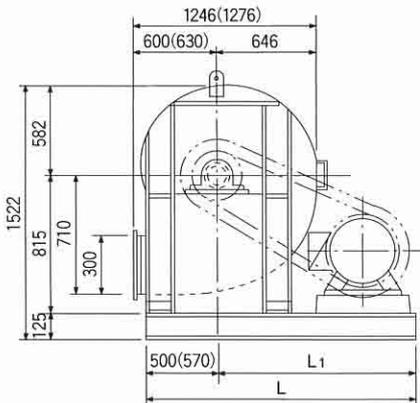
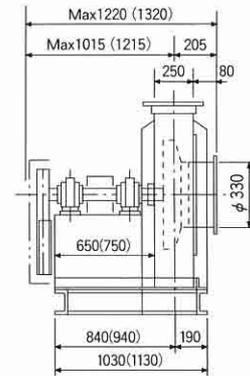
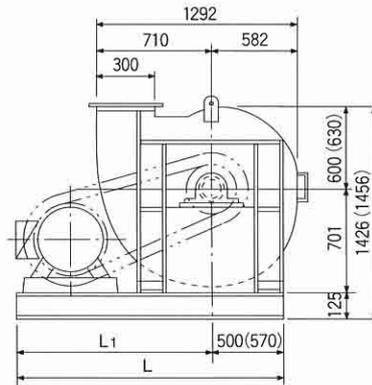
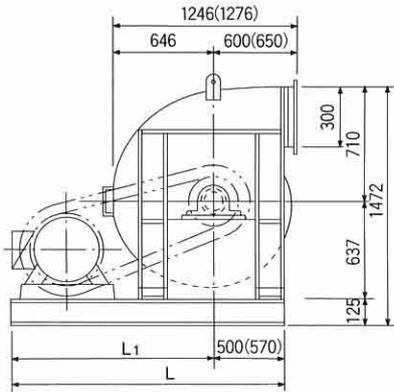
Common Base shows for 15-30kw

# No.5<sup>1</sup>/<sub>2</sub>-20TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	2.2~15	1435	935	435
	18.5~37	1925	1425	925
Class II	2.2~15	1505	935	365
	18.5~37	1995	1425	855

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

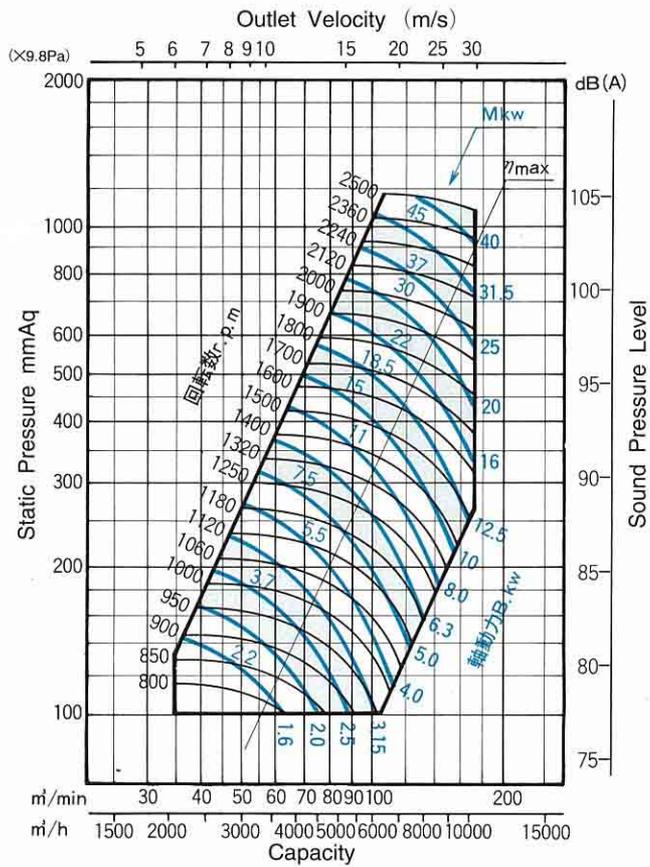
Approx Fan Weight 680 (kg)

Approx Total Weight  (kg)

( ) : For Class II

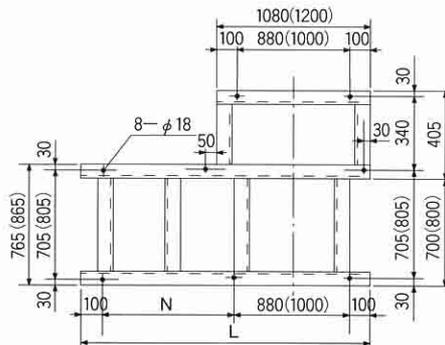
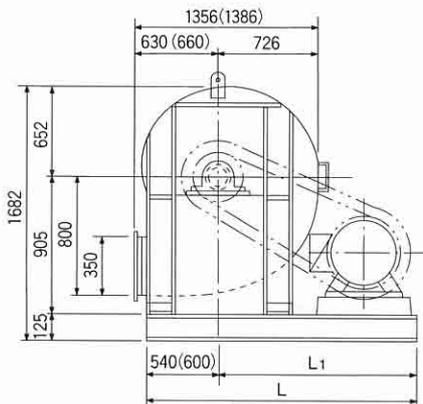
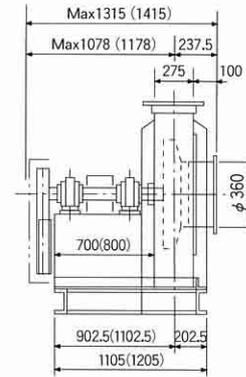
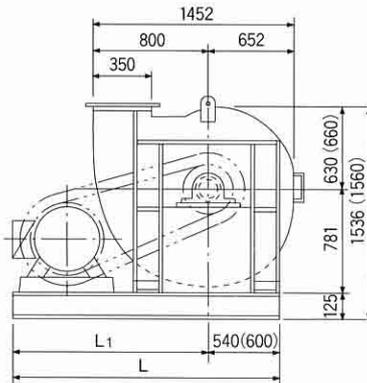
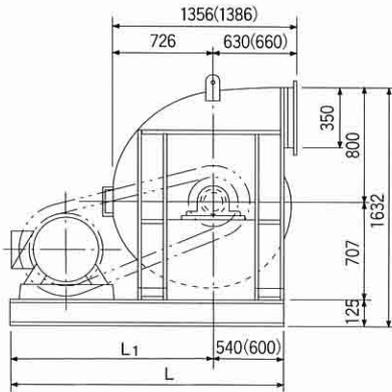
# No.6-20TF

## PERFORMANCE DATA



20TF

## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	2.2~15	1490	950	410
	18.5~45	2060	1520	980
Class II	2.2~15	1550	950	350
	18.5~45	2120	1520	920

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

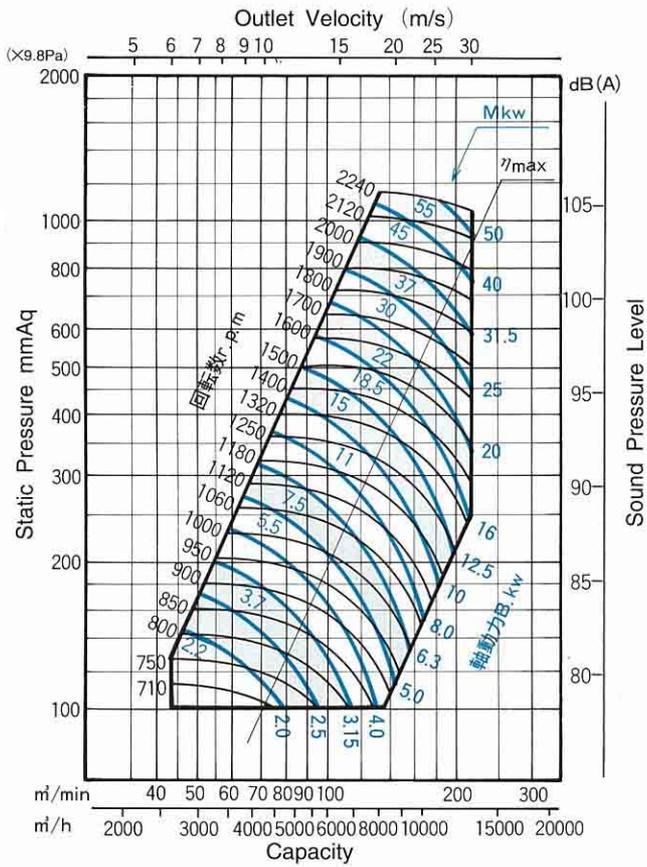
Approx Fan Weight 860 (kg)

Approx Total Weight  (kg)

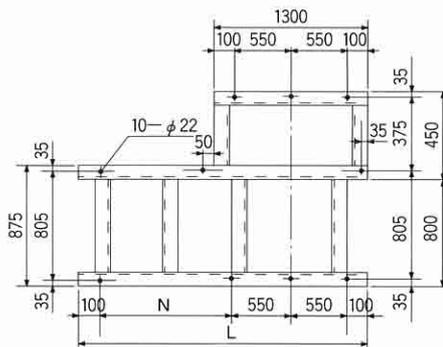
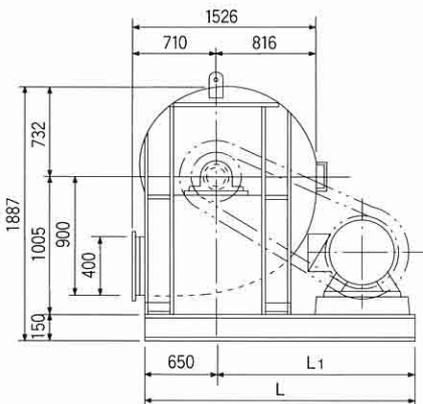
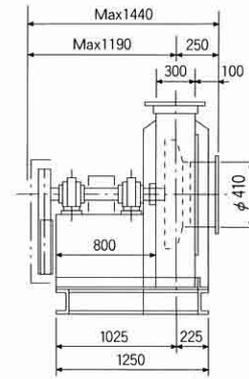
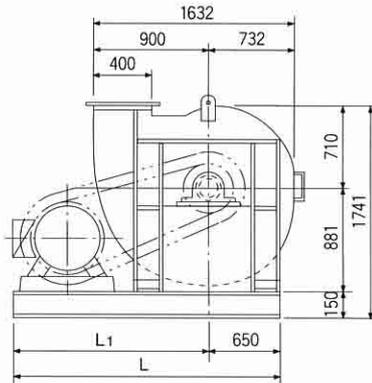
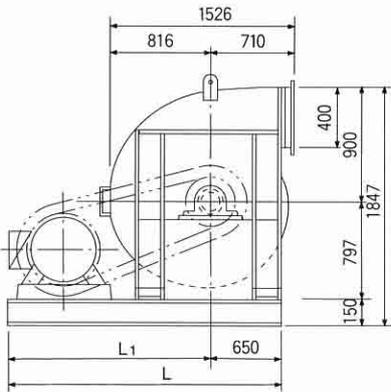
( ) : For Class II

# No.7-20TF

## PERFORMANCE DATA



## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N
3.7~15	1670	1020	370
18.5~55	2400	1750	1100

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

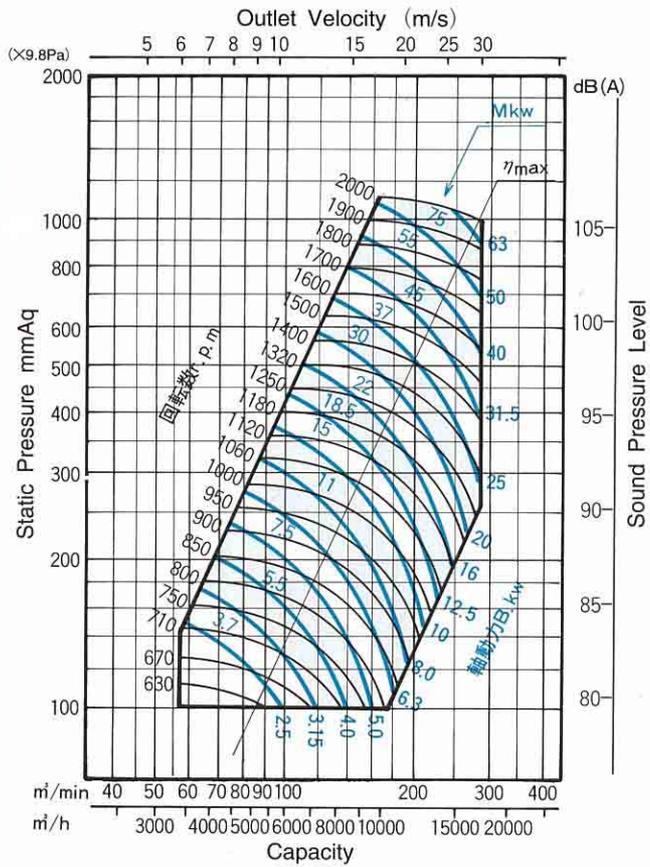
Approx Fan Weight 960 (kg)

Approx Total Weight  (kg)

20TF

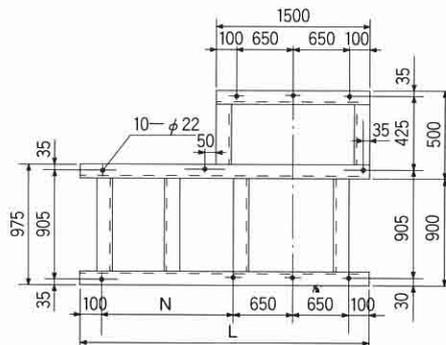
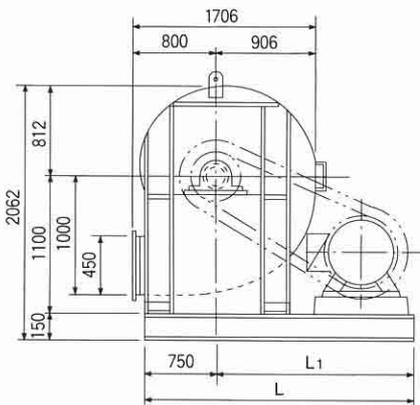
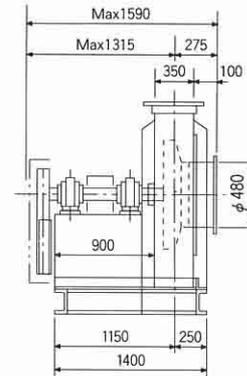
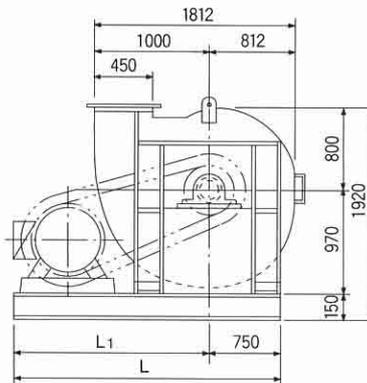
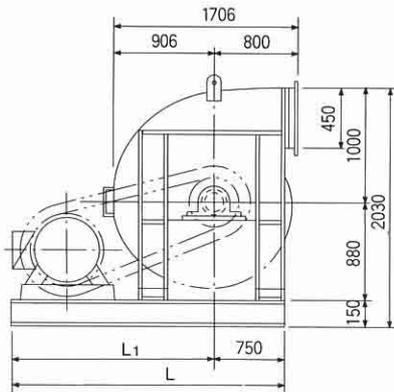
# No.8-20TF

## PERFORMANCE DATA



20TF

## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N
5.5~15	1845	1095	345
18.5~75	2800	2050	1300

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

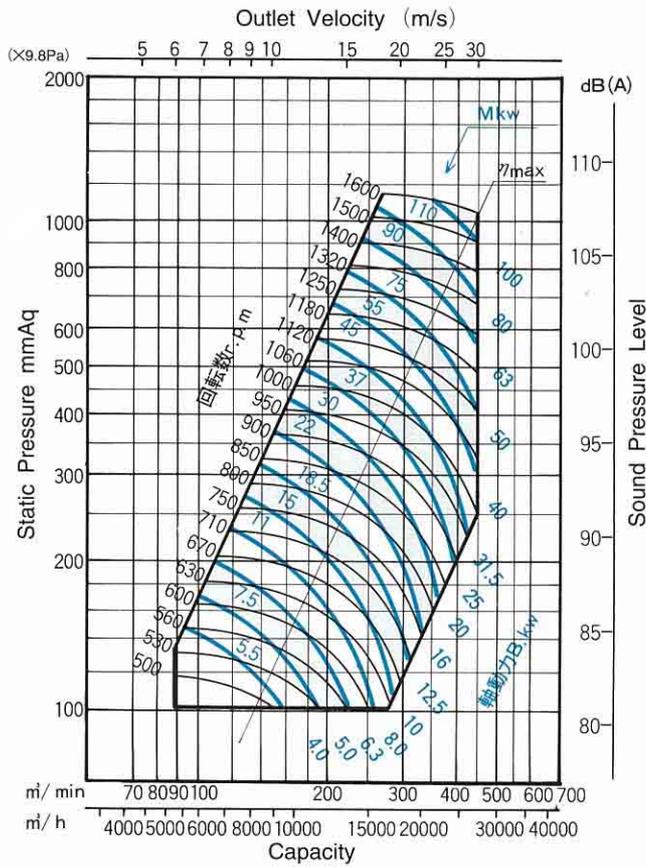
Approx Fan Weight 1350 (kg)

Approx Total Weight  (kg)



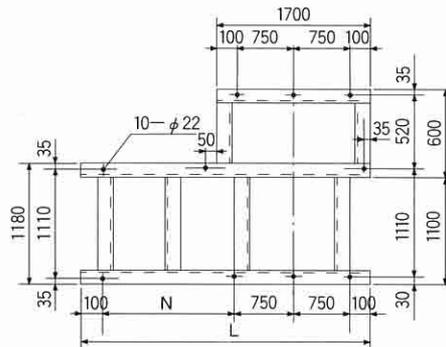
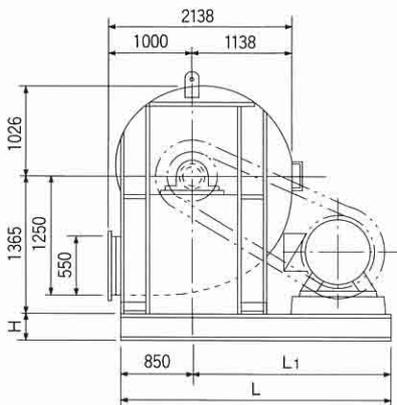
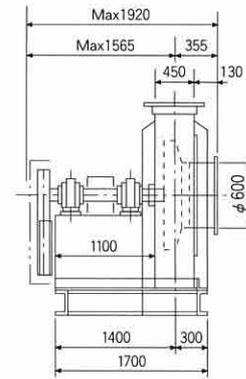
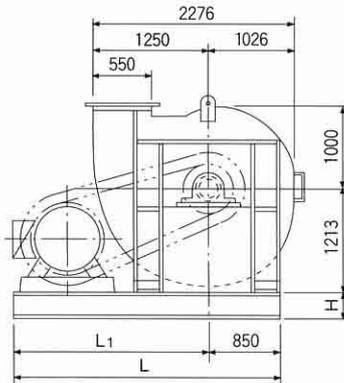
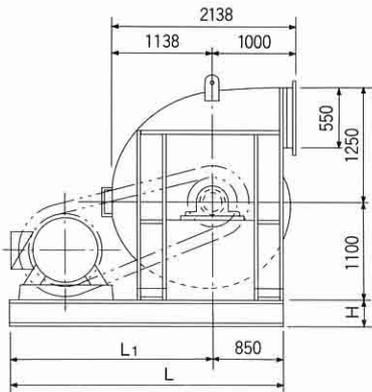
# No.10-20TF

## PERFORMANCE DATA



20TF

## DIMENSIONS (mm)



Motor (kw)	L	L <sub>1</sub>	N	H	Comon Base
11~15	2170	1320	470	180	[180×75×7
18.5~110	3150	2300	1450	200	[200×80×7.5

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

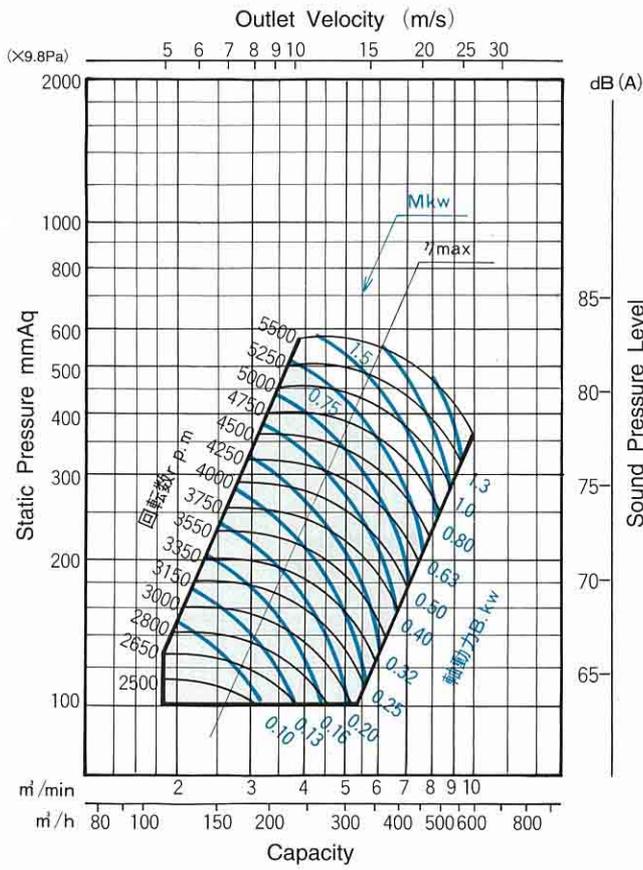
Approx Fan Weight 2200 (kg)

Approx Total Weight  (kg)

Common Base shows for 18.5~110kw

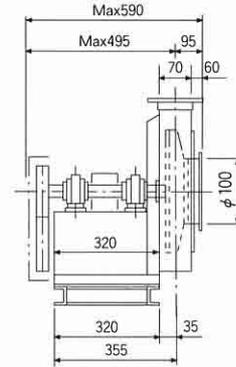
# No.2-15TF

## PERFORMANCE DATA

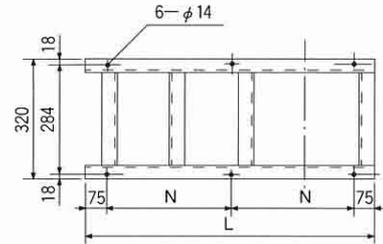


## DIMENSIONS (mm)

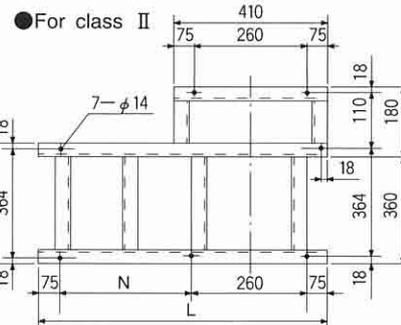
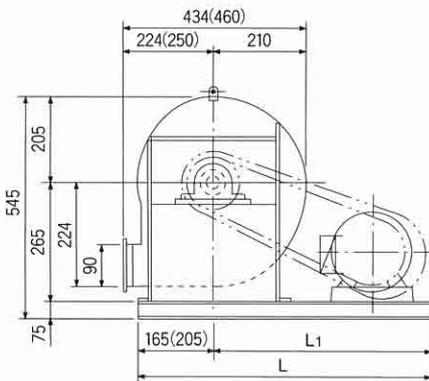
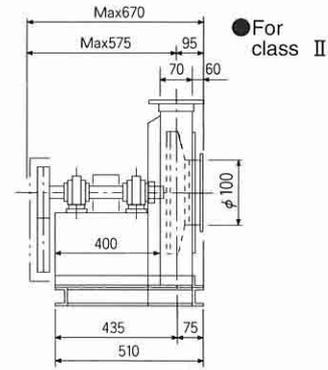
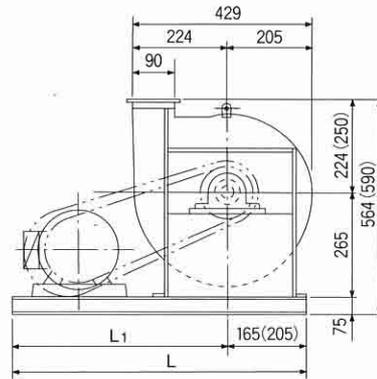
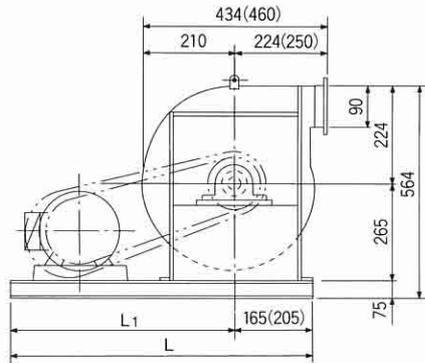
● For class I



● For class I



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	730	565	290
Class II	0.75~1.5	770	565	360

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 60 (kg)

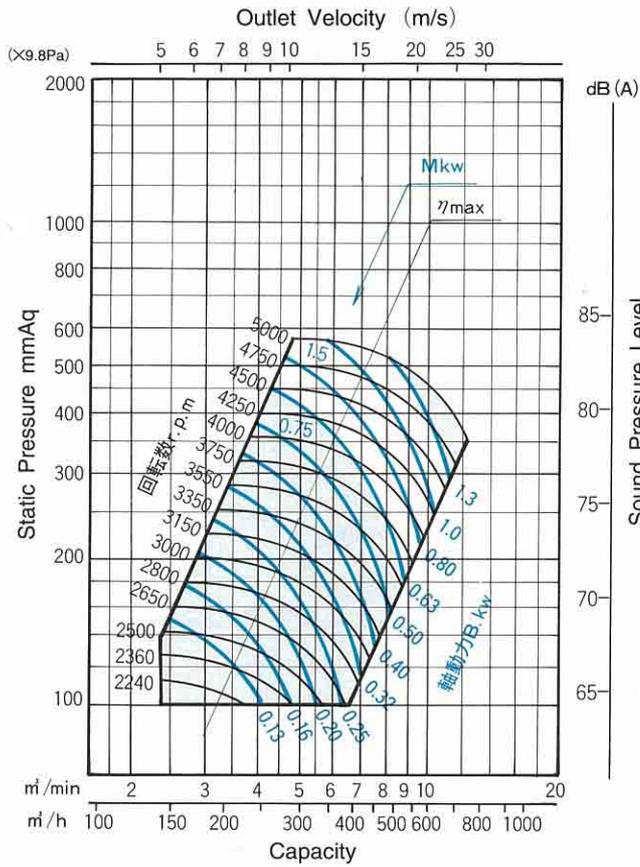
Approx Total Weight  (kg)

( ) : For Class II

15TF

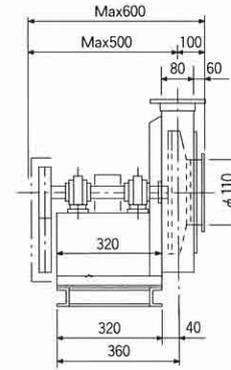
# No.2<sup>1</sup>/<sub>4</sub>-15TF

## PERFORMANCE DATA

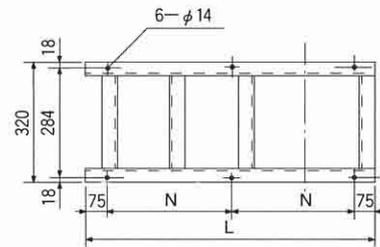


## DIMENSIONS (mm)

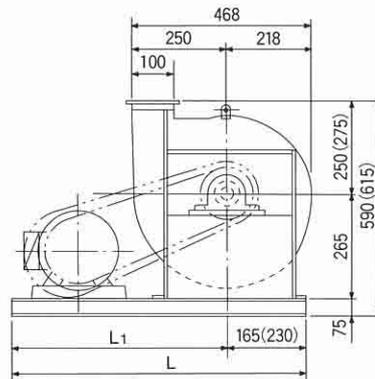
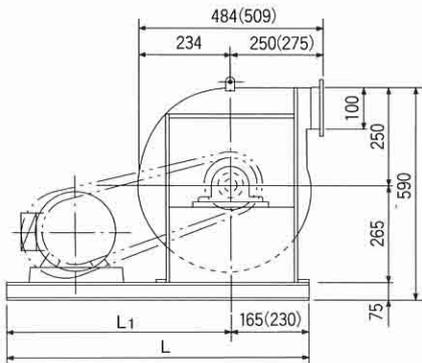
● For class I



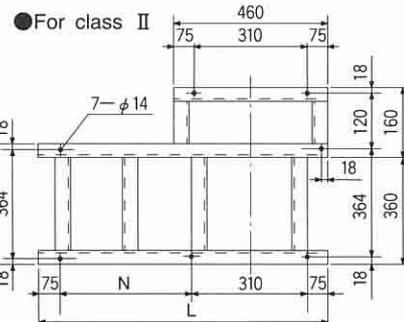
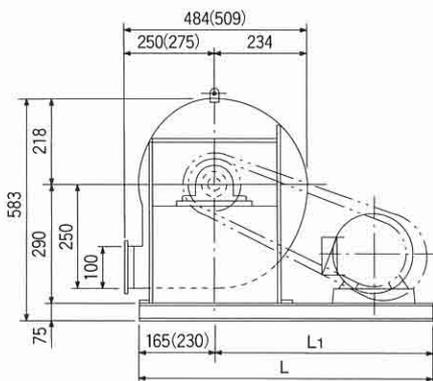
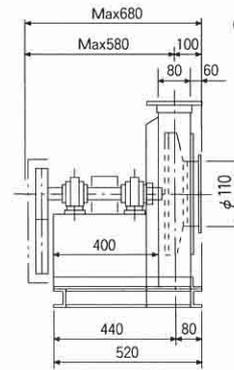
● For class I



## DIMENSIONS (mm)



● For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	730	565	290
Class II	0.75~1.5	795	565	335

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

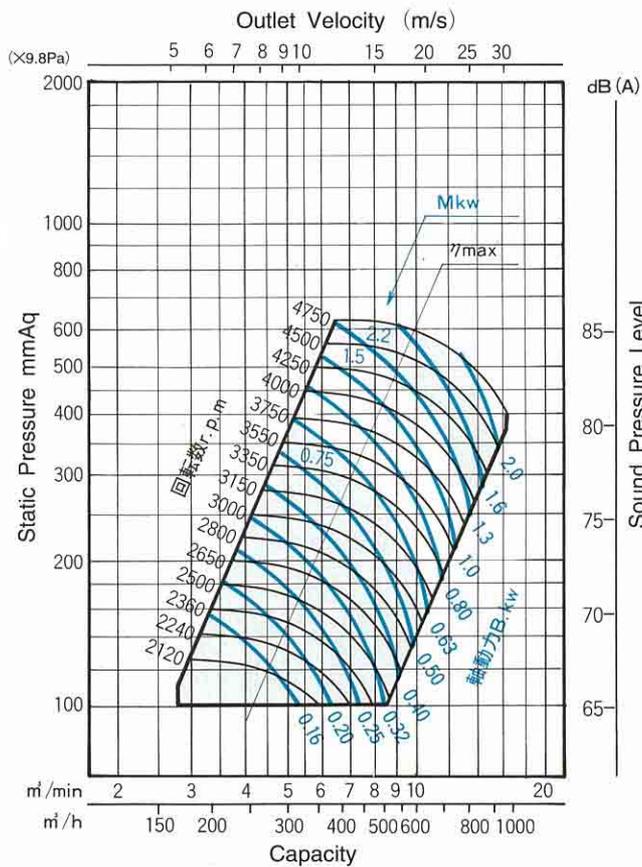
Approx Fan Weight 70 (kg)

Approx Total Weight  (kg)

( ) : For Class II

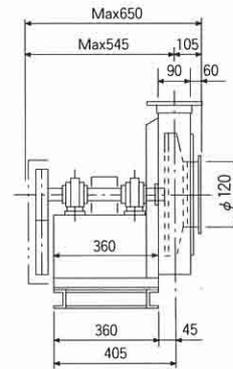
# No.2<sup>1</sup>/<sub>2</sub>-15TF

## PERFORMANCE DATA

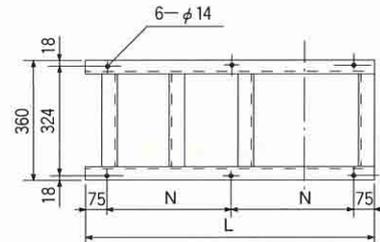


## DIMENSIONS (mm)

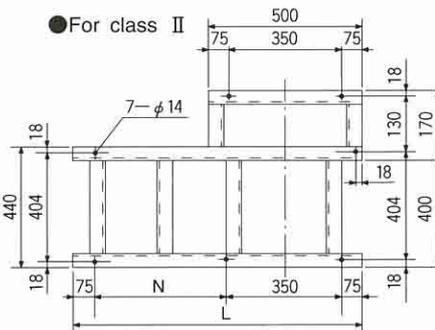
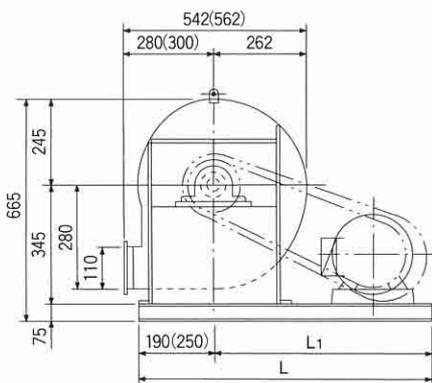
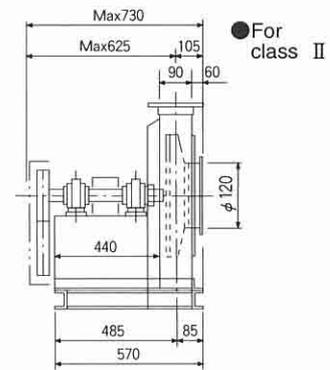
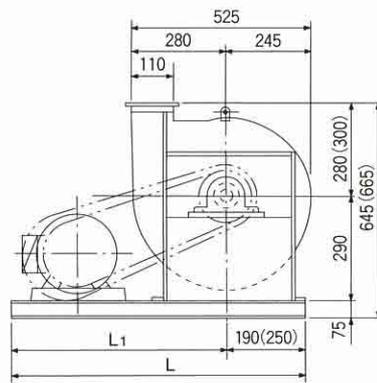
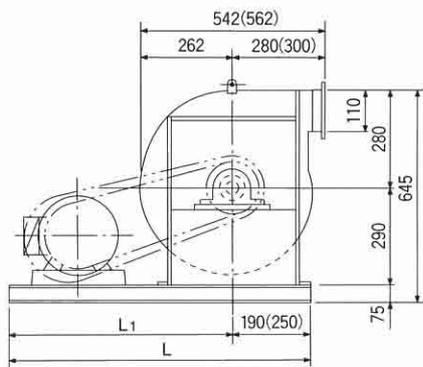
● For class I



● For class I



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~2.2	800	610	325
Class II	0.75~2.5	860	610	360

### ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight  95 (kg)

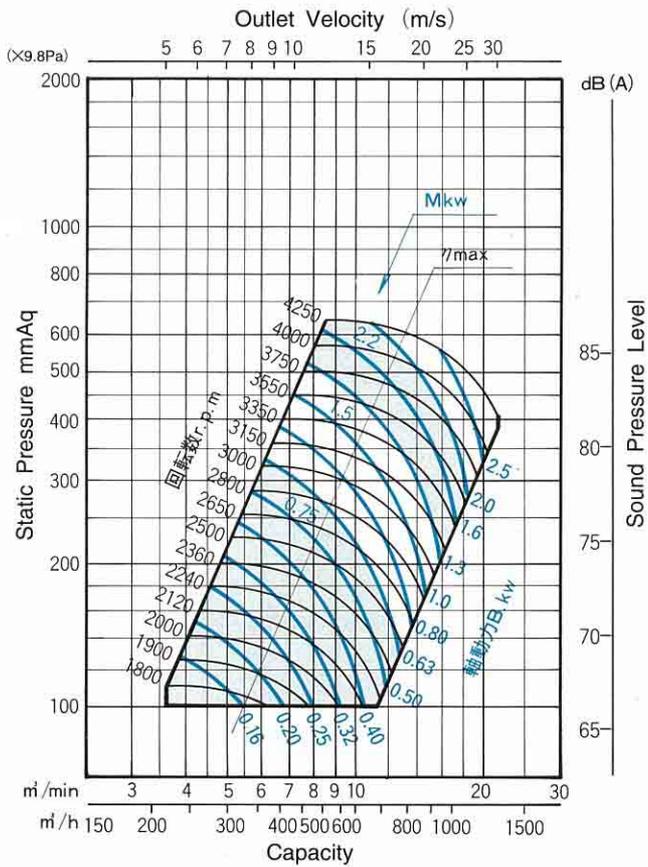
Approx Total Weight  (kg)

( ) : For Class II

15TF

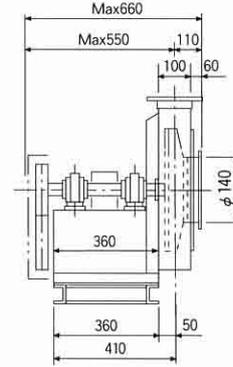
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## PERFORMANCE DATA

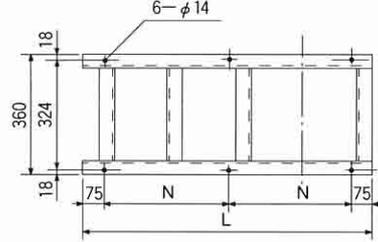


## DIMENSIONS (mm)

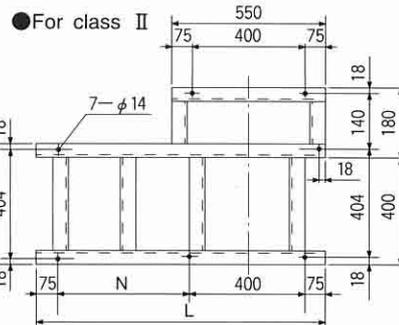
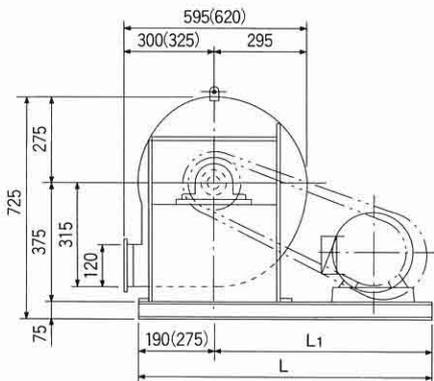
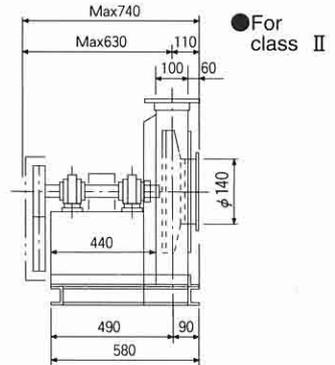
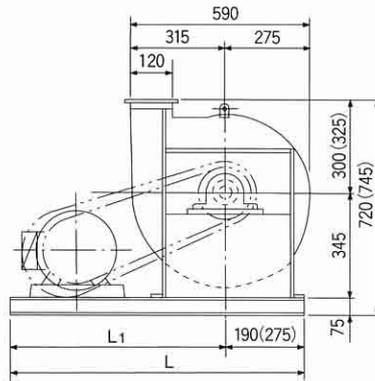
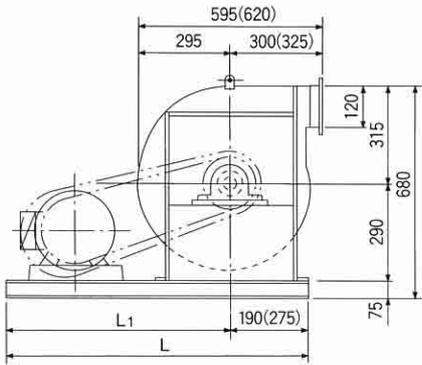
● For class I



● For class I



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~2.5	800	610	325
Class II	0.75~2.2	885	610	335

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

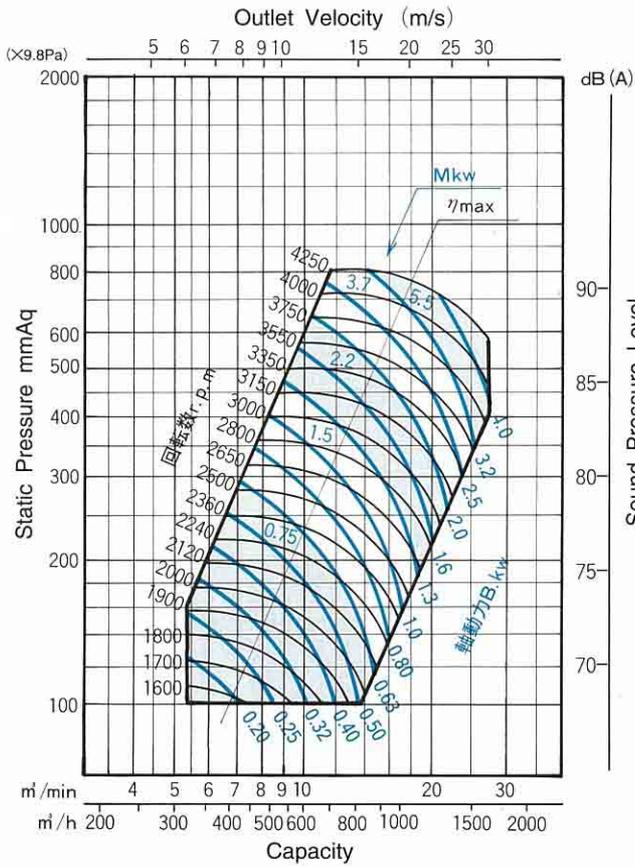
Approx Fan Weight 130 (kg)

Approx Total Weight  (kg)

( ) : For Class II

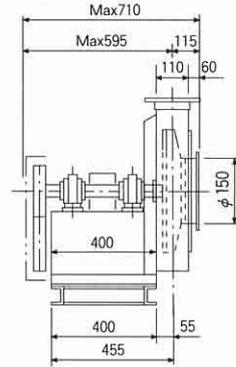
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## PERFORMANCE DATA

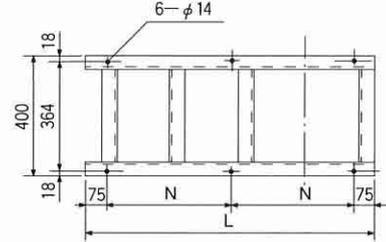


## DIMENSIONS (mm)

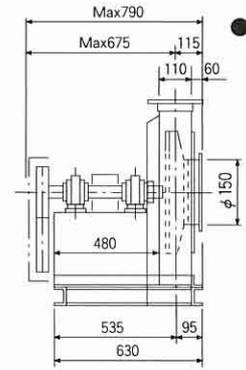
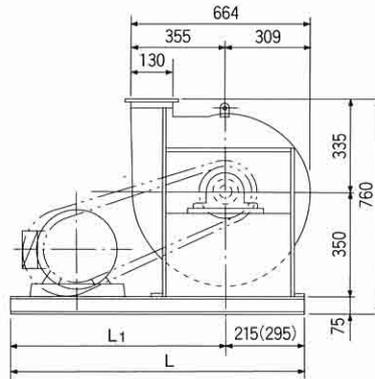
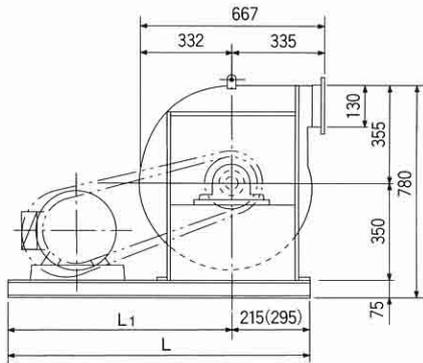
● For class I



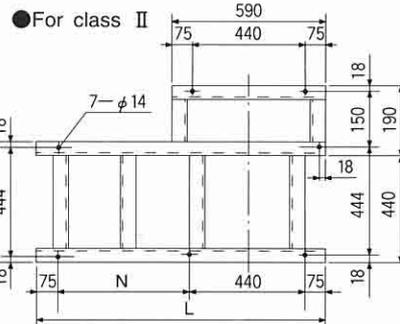
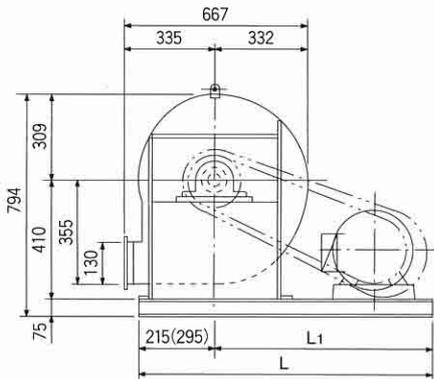
● For class I



## DIMENSIONS (mm)



● For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~3.7	930	715	390
Class II	0.75~3.7	1010	715	420

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 170 (kg)

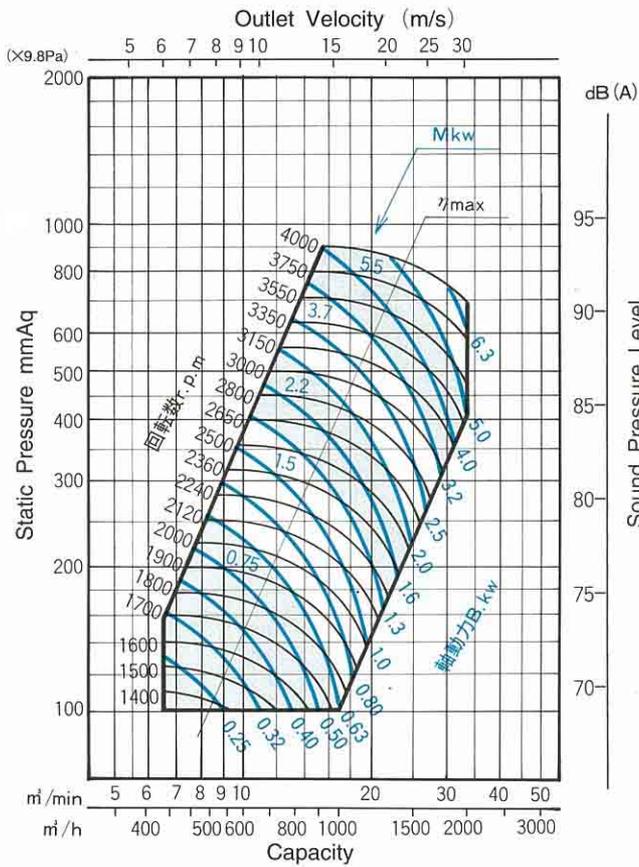
Approx Total Weight  (kg)

( ) : For Class II

15TF

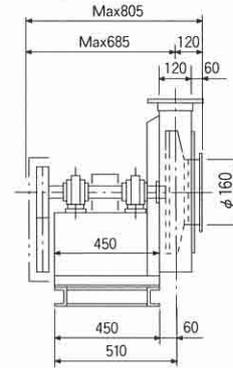
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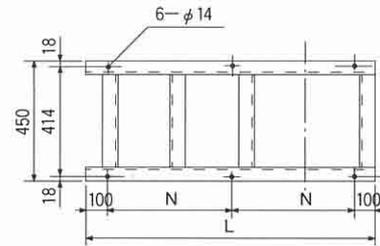


## DIMENSIONS (mm)

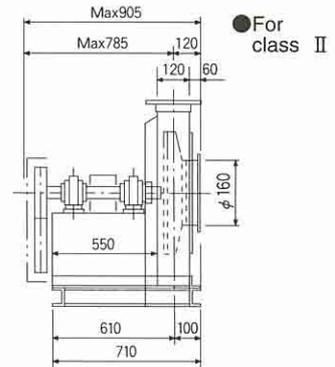
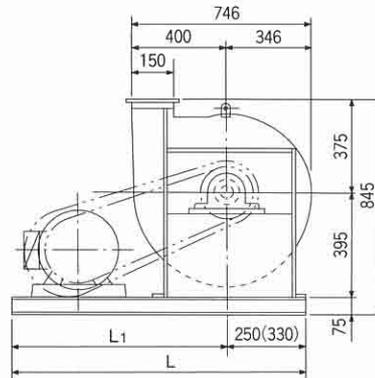
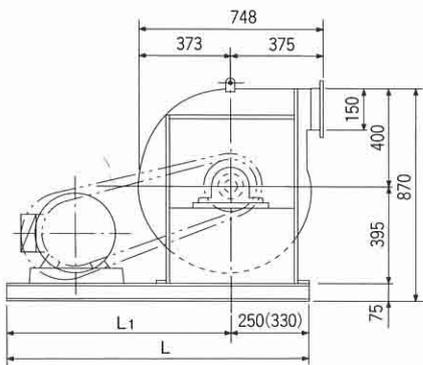
● For class I



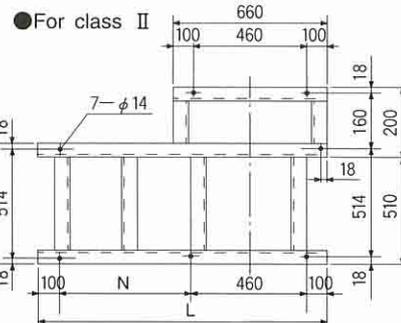
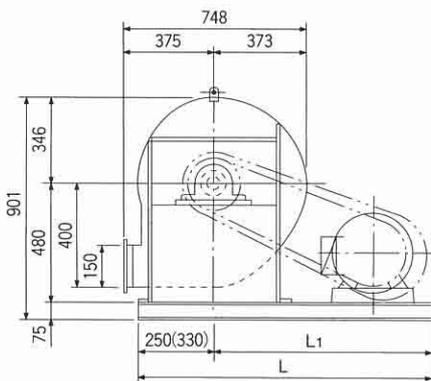
● For class I



## DIMENSIONS (mm)



● For class II



● For class II

Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	1.5~5.5	1020	770	410
Class II	1.5~5.5	1100	770	440

### ACCESSORIES

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

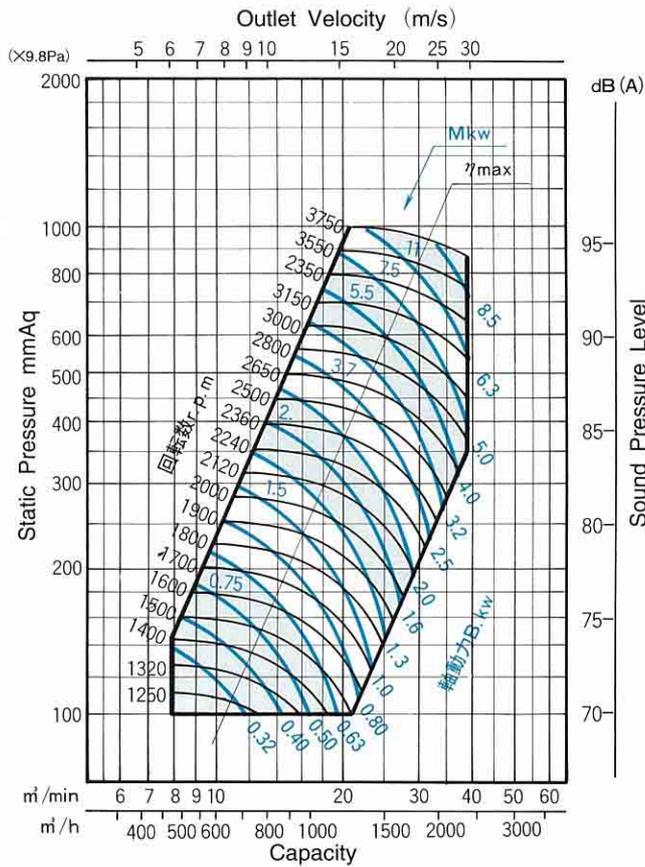
Approx Fan Weight 200 (kg)

Approx Total Weight  (kg)

( ) : For Class II

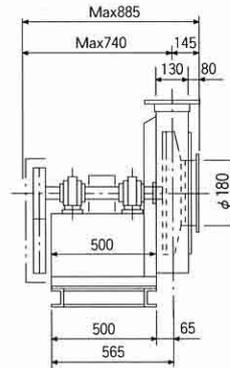
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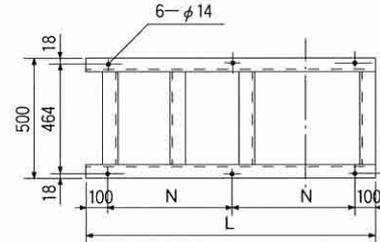


## DIMENSIONS (mm)

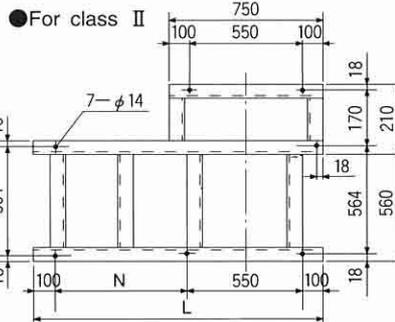
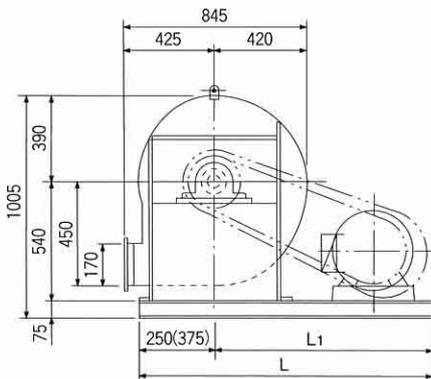
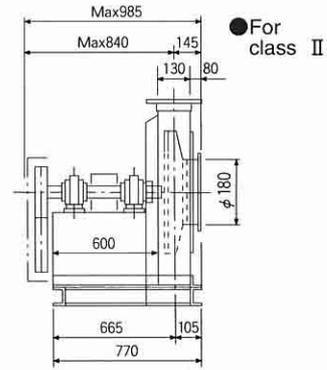
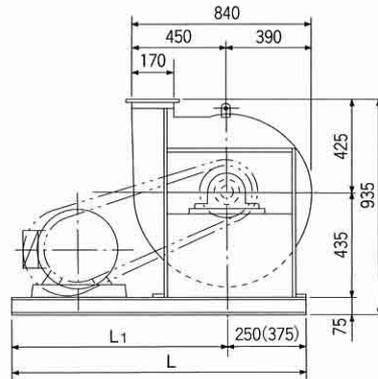
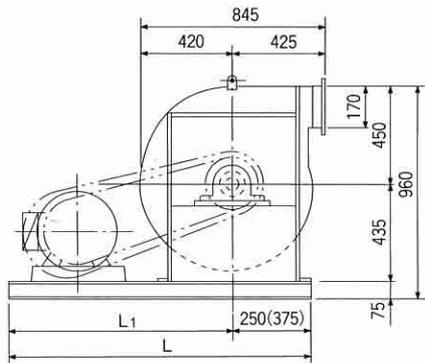
● For class I



● For class I



## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	1.5~7.5	1020	770	410
Class II	1.5~7.5	1145	770	395

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 275 (kg)

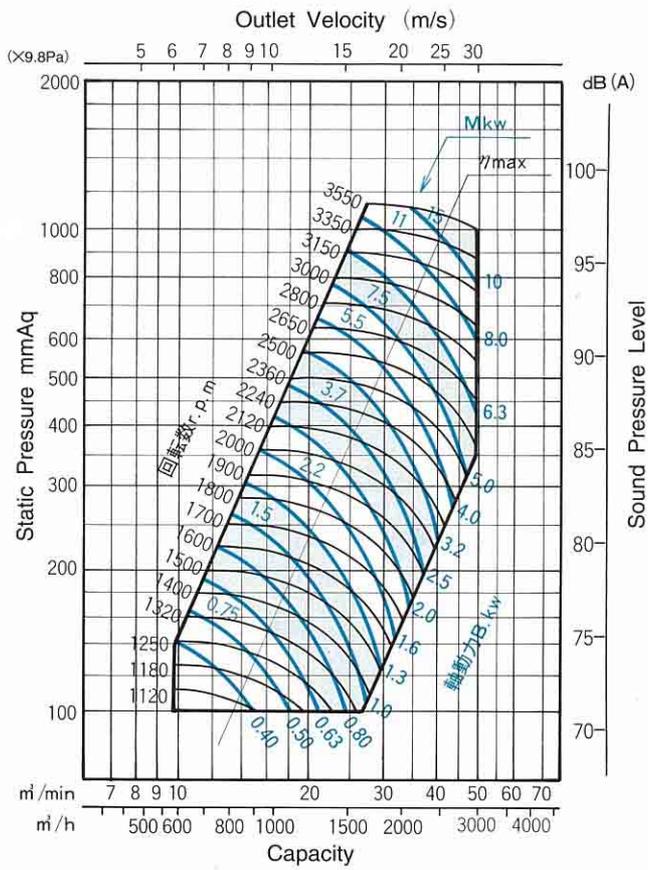
Approx Total Weight  (kg)

( ) : For Class II

15TF

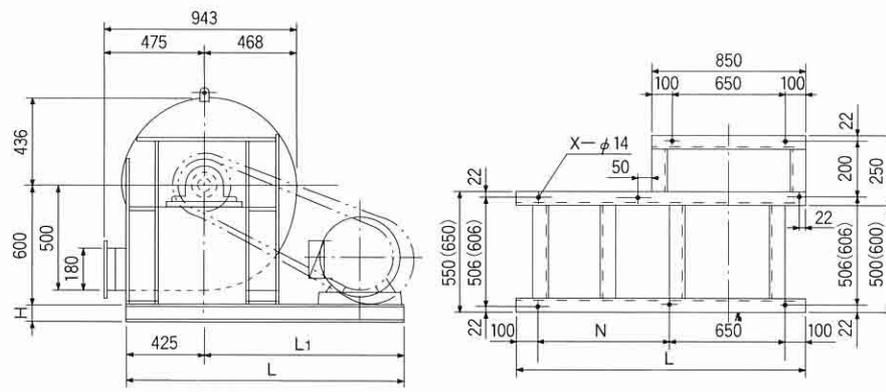
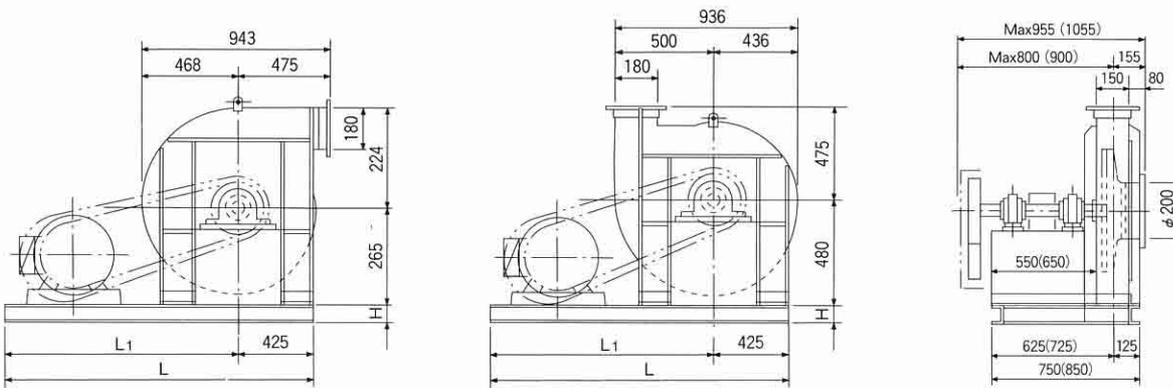
# No.4<sup>1</sup>/<sub>2</sub>-15TF

## PERFORMANCE DATA



15TF

## DIMENSIONS (mm)



Class	Motor (kw)	L	L <sub>1</sub>	N	X	H	Common Base
Class I	0.75~7.5	1245	820	395	7	75	[75×40×5]
	11	1375	950	525	8	100	[100×50×5]
Class II	0.75~7.5	1245	820	395	7	75	[75×40×5]
	11	1375	950	525	8	100	[100×40×5]

### ACCESSORIES

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 350 (kg)

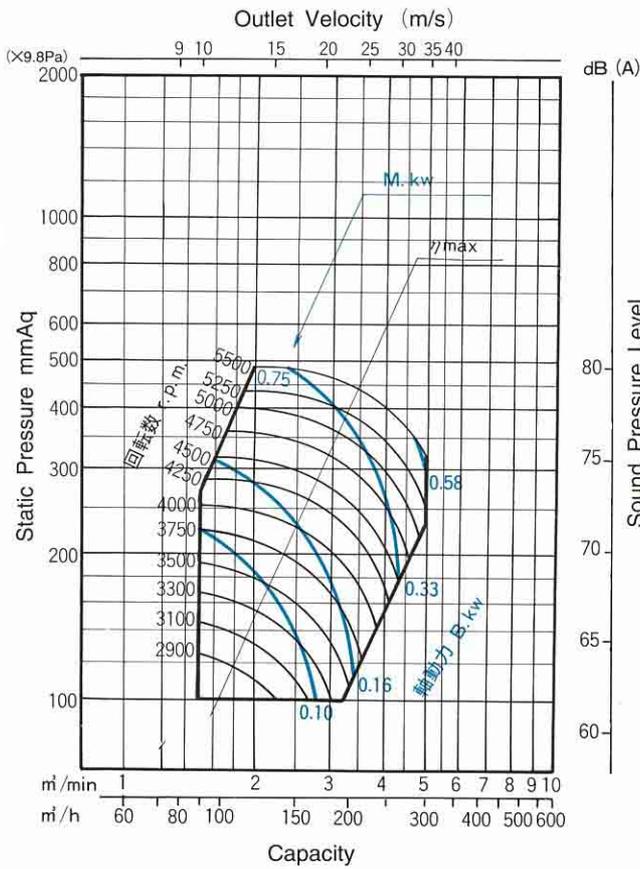
Approx Total Weight  (kg)

( ) : For Class II

Common Base shows for 11kw

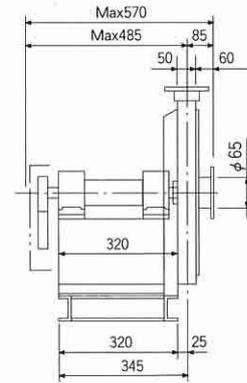
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## PERFORMANCE DATA

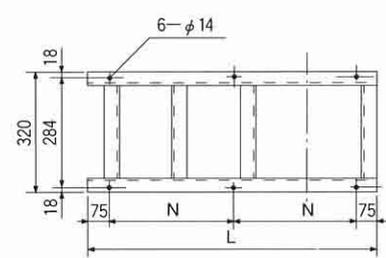


## DIMENSIONS (mm)

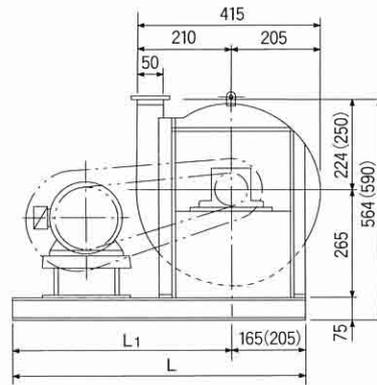
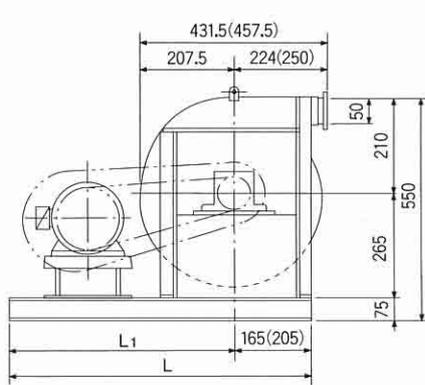
● For class I



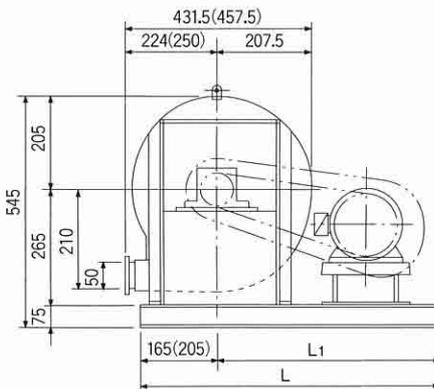
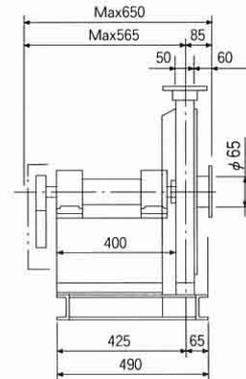
● For class I



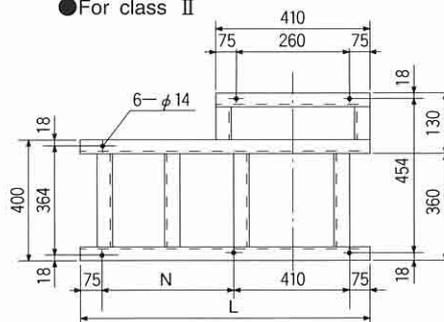
## DIMENSIONS (mm)



● For class II



● For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75	700	535	275
Class II	0.75	740	535	330

### ● ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 60 (kg)

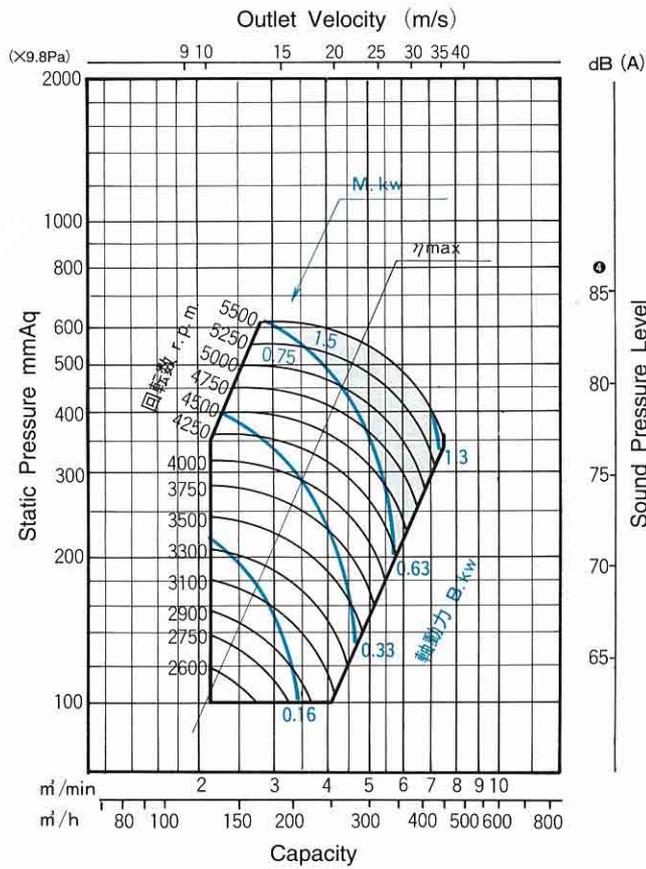
Approx Total Weight  (kg)

( ) : For Class II

10TB

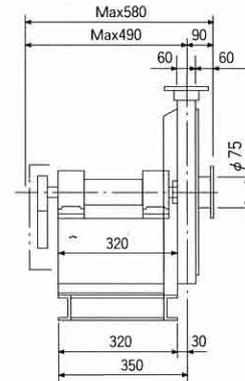
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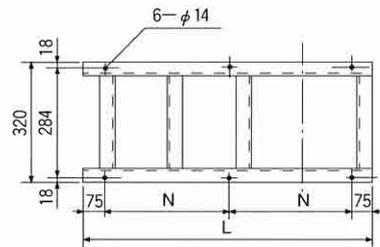


## DIMENSIONS (mm)

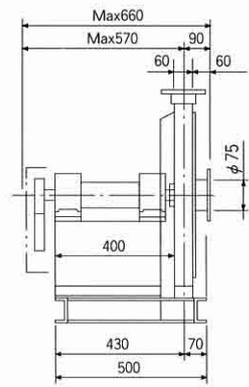
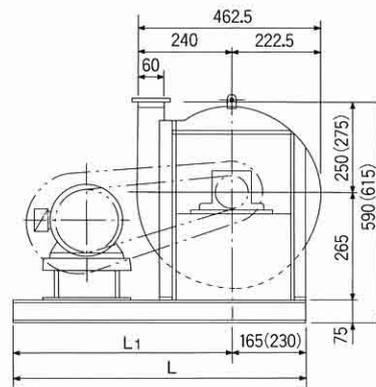
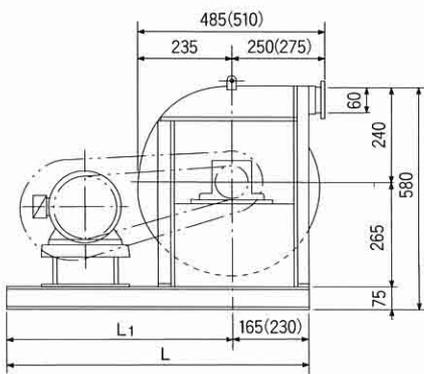
● For class I



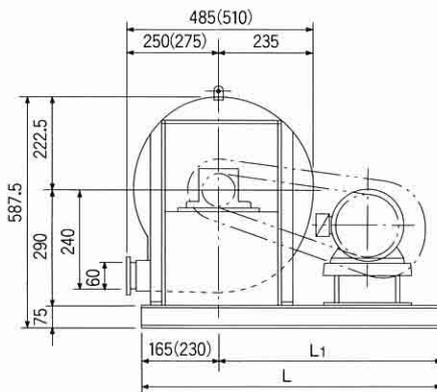
● For class I



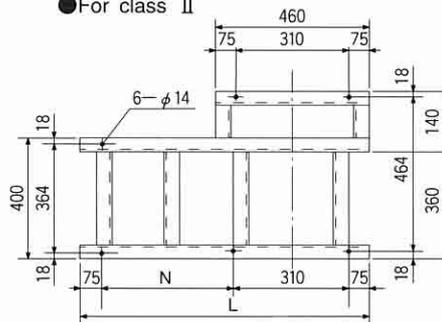
## DIMENSIONS (mm)



● For class II



● For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	730	565	290
Class II	0.75~1.5	795	565	335

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

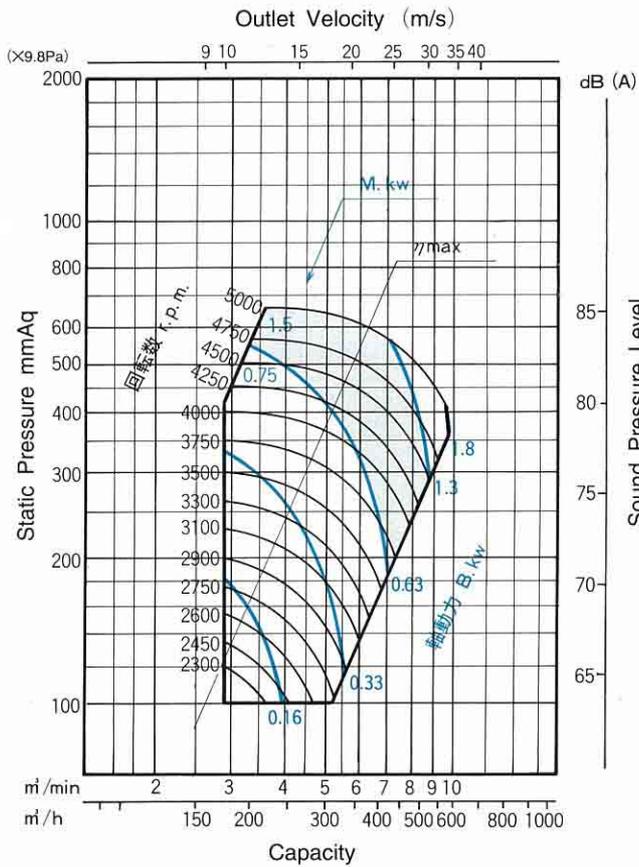
Approx Fan Weight 70 (kg)

Approx Total Weight  (kg)

( ) : For Class II

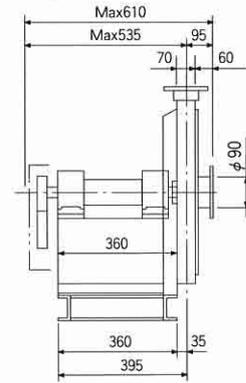
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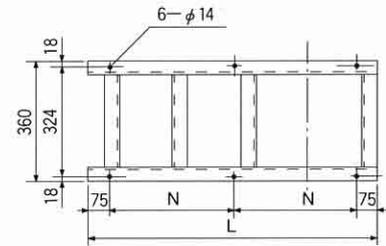


## DIMENSIONS (mm)

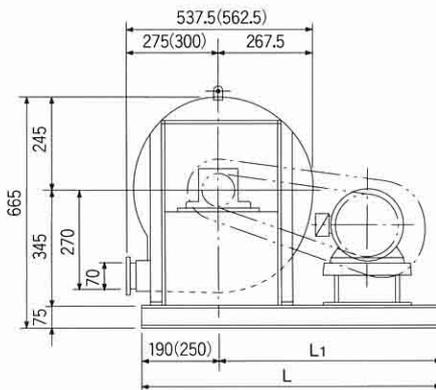
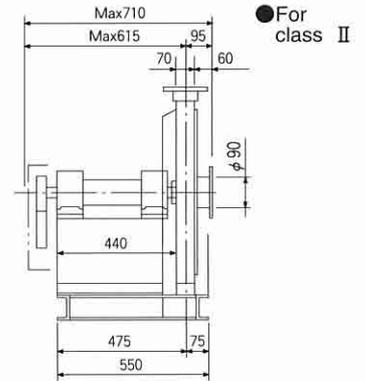
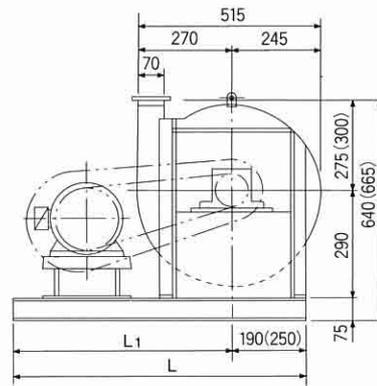
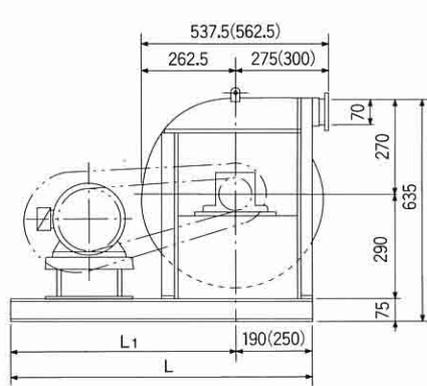
● For class I



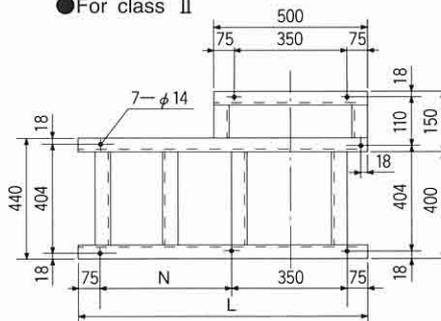
● For class I



## DIMENSIONS (mm)



● For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~1.5	780	590	315
Class II	0.75~1.5	840	590	340

### ● ACCESSORISDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 95 (kg)

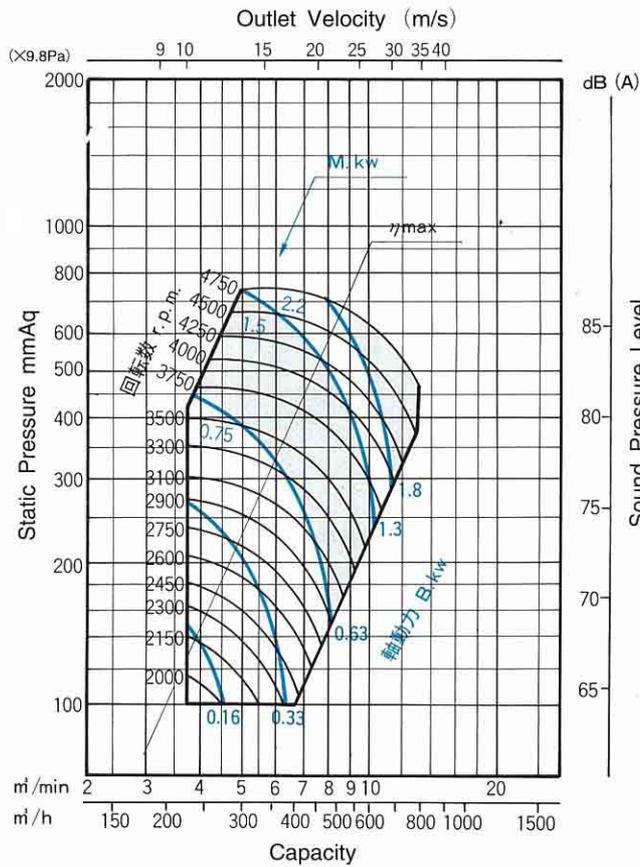
Approx Total Weight  (kg)

( ) : For Class II

10TB

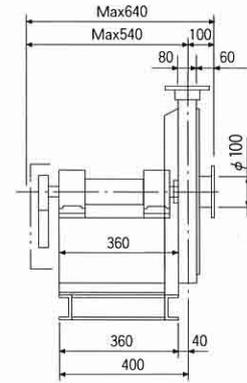
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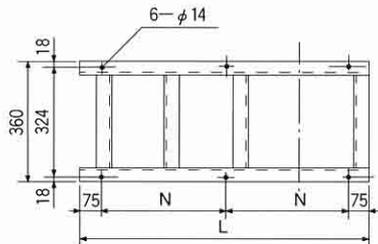


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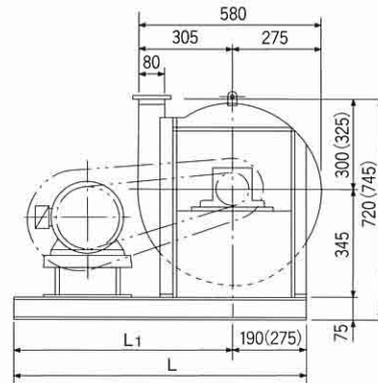
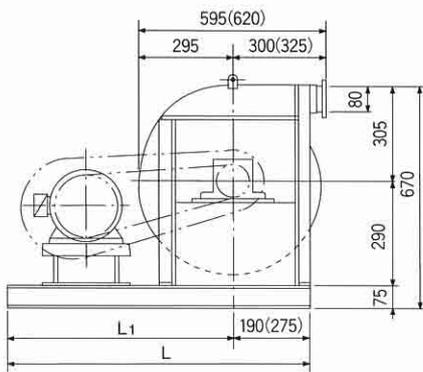
●For class I



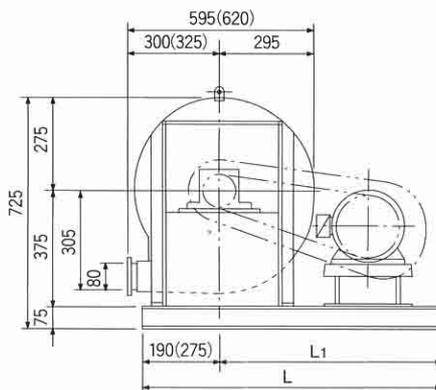
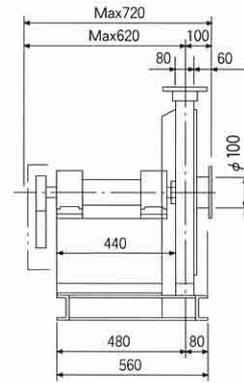
●For class I



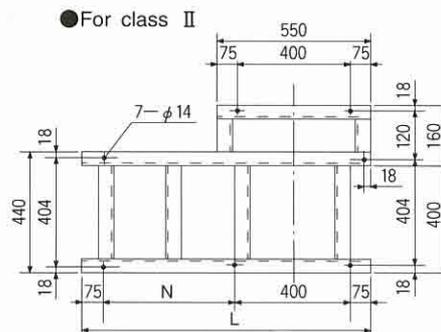
## DIMENSIONS (mm)



●For class II



●For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~2.2	800	610	325
Class II	0.75~2.2	885	610	335

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

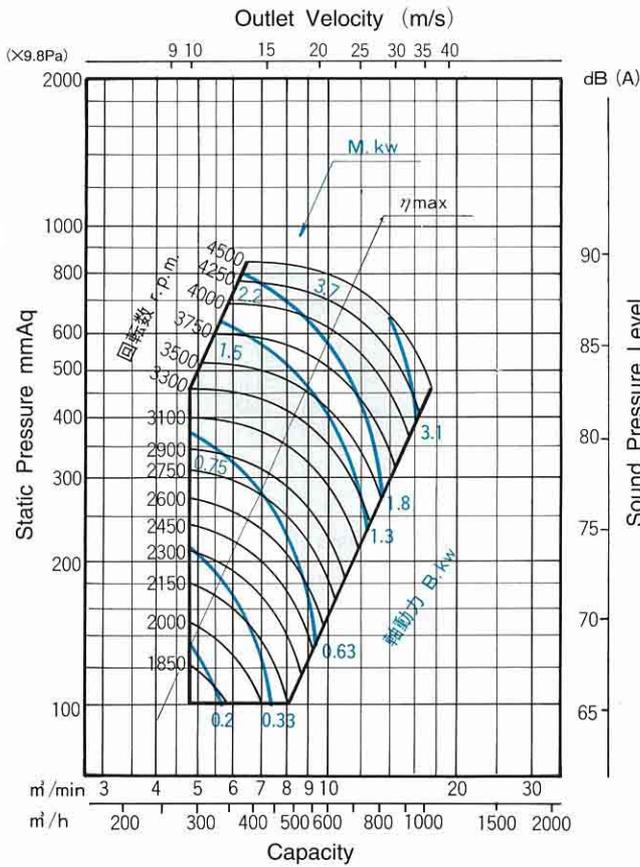
Approx Fan Weight 130 (kg)

Approx Total Weight  (kg)

( ) : For Class II

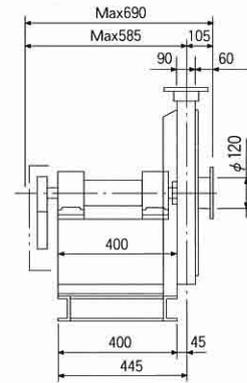
# No.3-10TB

## PERFORMANCE DATA

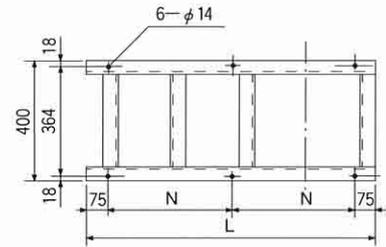


## DIMENSIONS (mm)

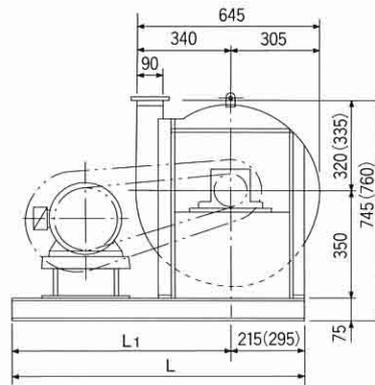
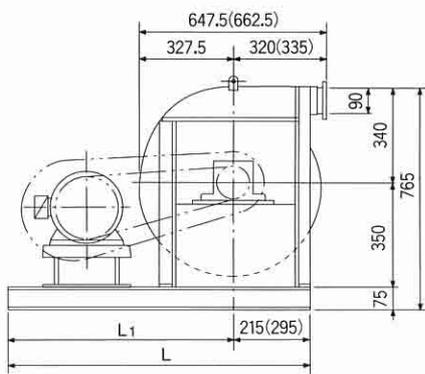
●For class I



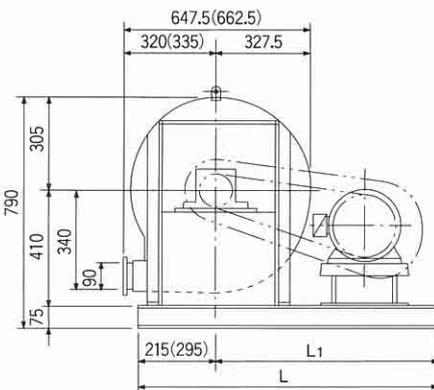
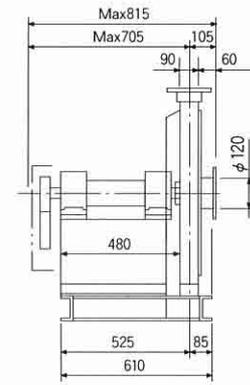
●For class I



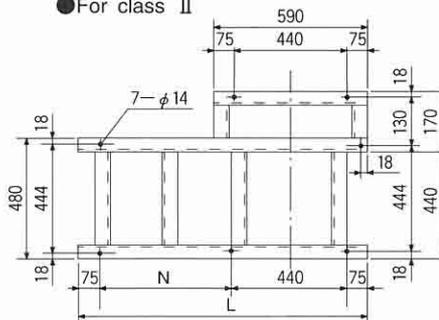
## DIMENSIONS (mm)



●For class II



●For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	0.75~3.7	890	675	370
Class II	0.75~3.7	970	675	380

### ● ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 170 (kg)

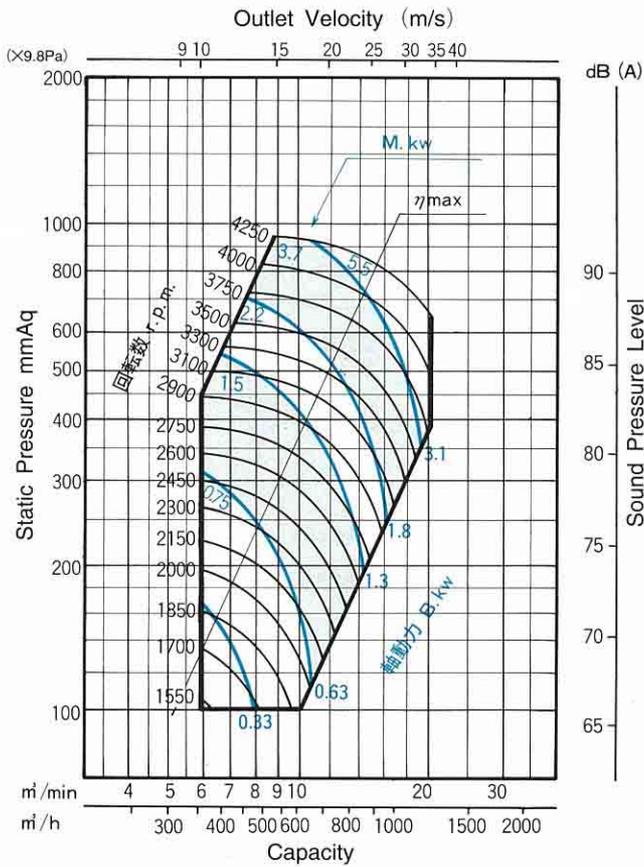
Approx Total Weight  (kg)

( ) : For Class II

10TB

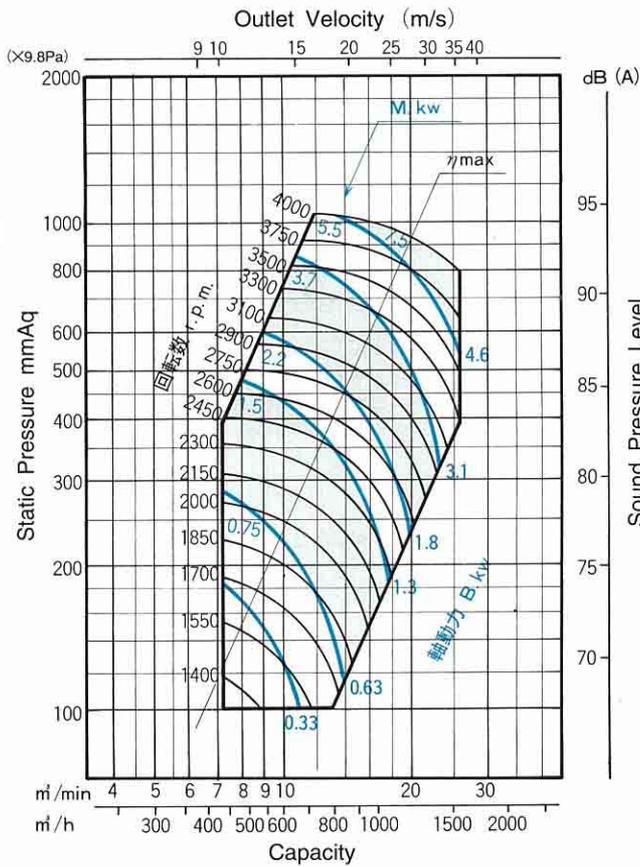
# No.3<sup>1</sup>/<sub>2</sub>-10TB

## PERFORMANCE DATA



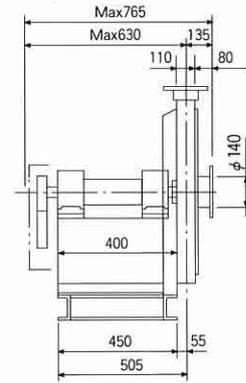
# No.4-10TB

## PERFORMANCE DATA

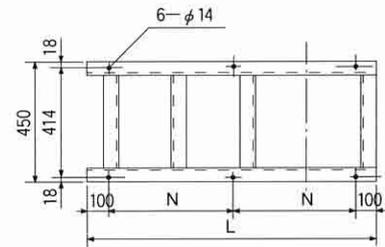


## DIMENSIONS (mm)

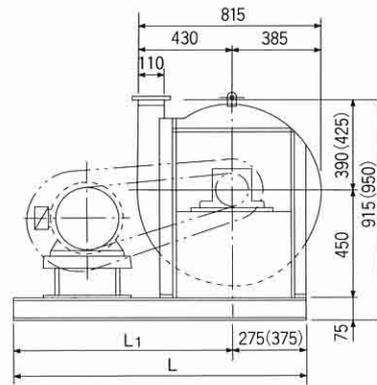
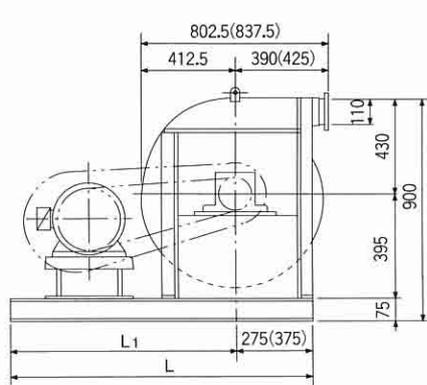
●For class I



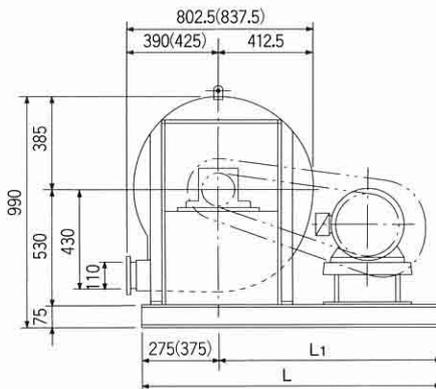
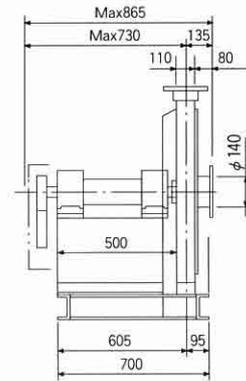
●For class I



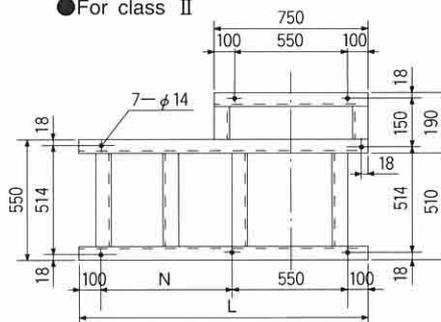
## DIMENSIONS (mm)



●For class II



●For class II



Class	Motor (kw)	L	L <sub>1</sub>	N
Class I	1.5~7.5	1070	795	435
Class II	1.5~7.5	1170	795	420

### ACCESSORIS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 275 (kg)

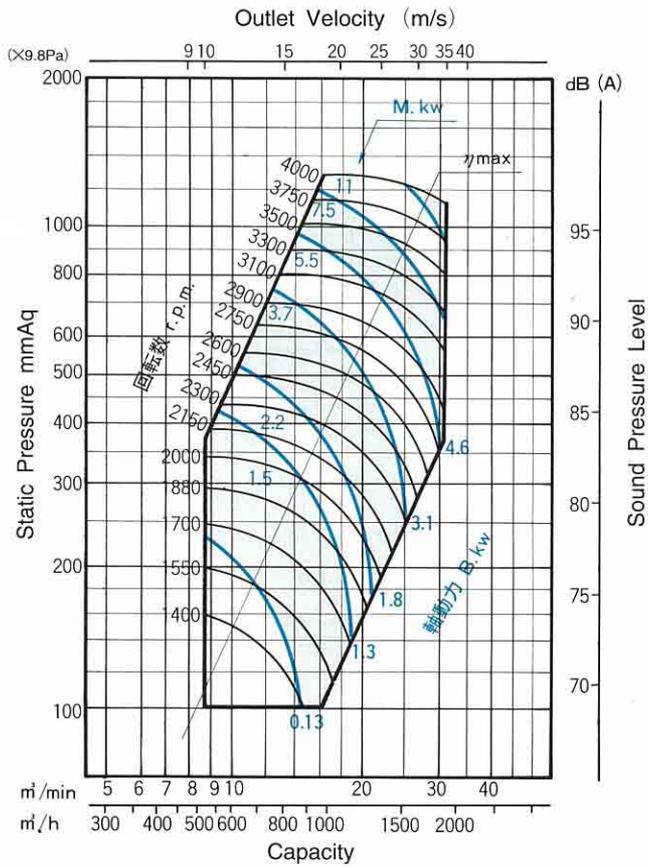
Approx Total Weight  (kg)

( ) : For Class II

10TB

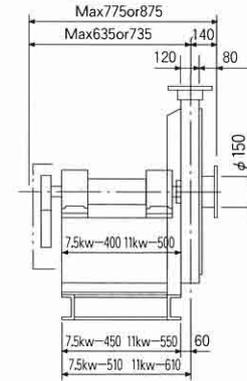
# No.4<sup>1</sup>/<sub>2</sub>-10TB

## PERFORMANCE DATA

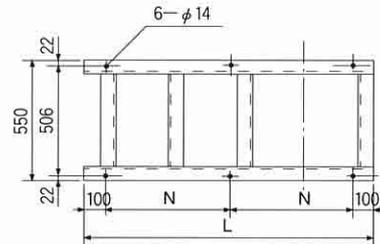


## DIMENSIONS (mm)

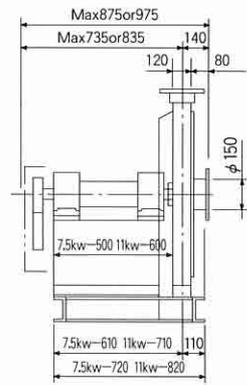
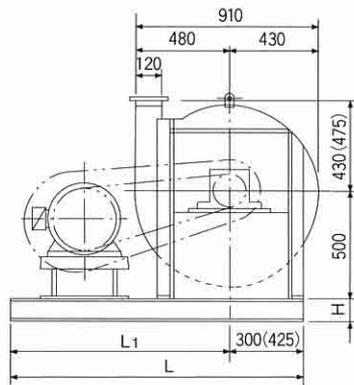
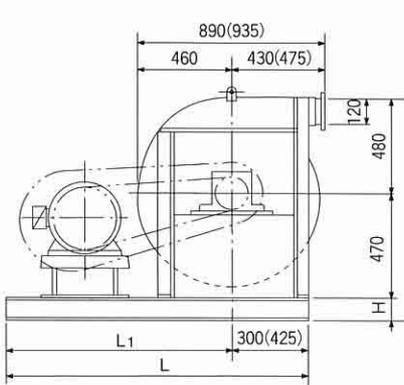
●For class I



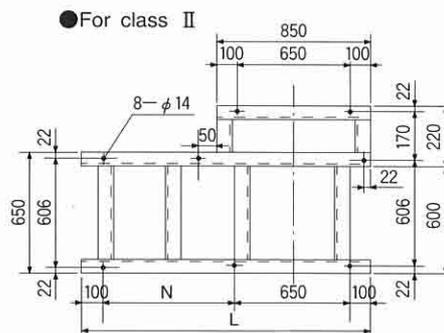
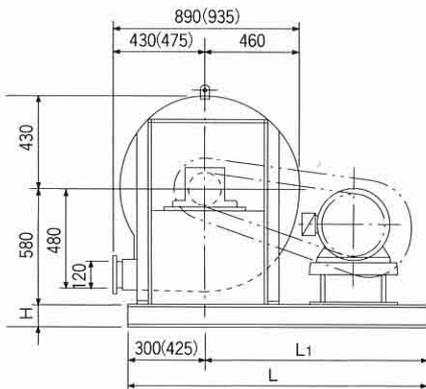
●For class I



## DIMENSIONS (mm)



●For class II



Class	Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
Class I	1.5~7.5	1200	900	500	75	[75×40×5]
	11	1250	950	525	100	[100×50×5]
Class II	1.5~7.5	1325	900	475	75	[75×40×5]
	11	1375	950	525	100	[100×50×5]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

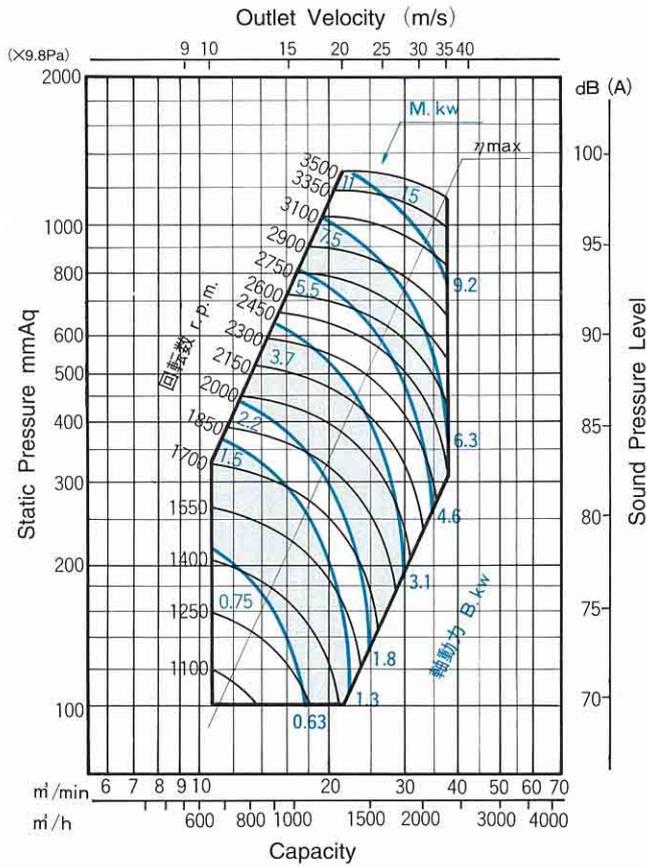
Approx Fan Weight 350 (kg)

Approx Total Weight  (kg)

( ) : For Class II

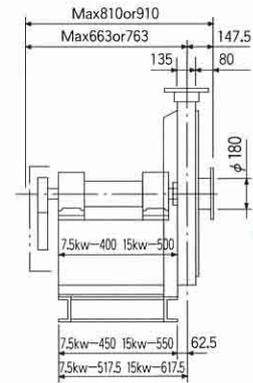
Common Base shows for 11kw

## PERFORMANCE DATA

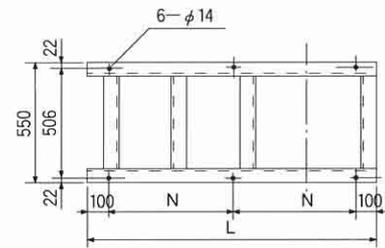


## DIMENSIONS (mm)

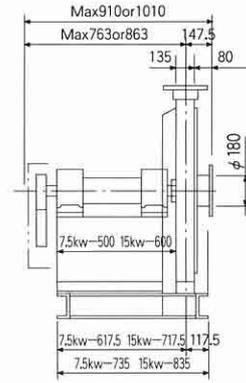
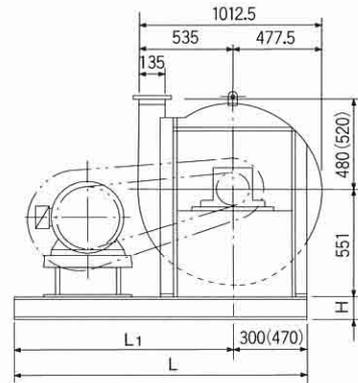
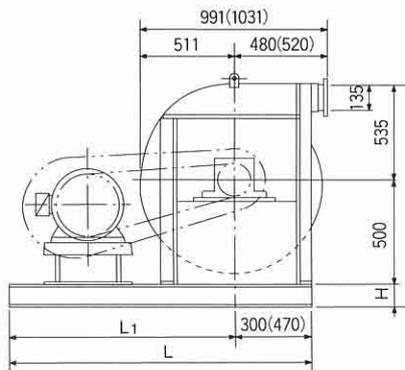
● For class I



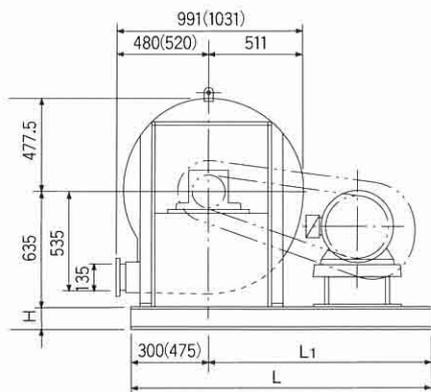
● For class I



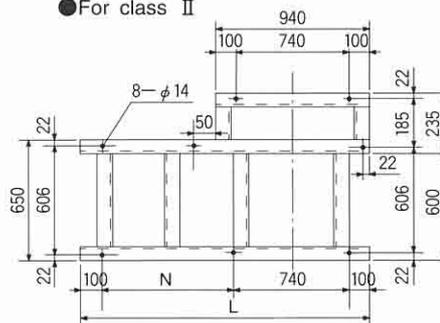
## DIMENSIONS (mm)



● For class II



● For class II



Class	Motor (kw)	L	L <sub>1</sub>	N	H	Common Base
Class I	1.5~7.5	1250	950	525	75	[75×40×5]
	11~15	1300	1000	550	100	[100×50×5]
Class II	1.5~7.5	1420	950	480	75	[75×40×5]
	11~15	1470	1000	530	100	[100×50×5]

### ACCESSORIDS

- Standard
  - Matching flange
  - V pulley
  - V belt
  - Belt Cover
  - Common base
- Optional
  - Dual platform
  - Anti vibration rubber
  - Access door for inspection
  - Drain
  - Lubricating nipple
  - Installation bolt

Approx Motor Weight  (kg)

Approx Fan Weight 420 (kg)

Approx Total Weight  (kg)

( ) : For Class II

Common Base shows for 11-15

# ファン送風機シリーズ

## ● シロッコファン / SF 型

No.1~No.20

- 風量 5~1000m<sup>3</sup>/min
- 静圧 9~150mmAq
- 大風量・風量変化に圧力変化小
- 冷暖房・換気・乾燥機  
一般送風等



## ● エアホイルファン / AF 型

No.2~No.14

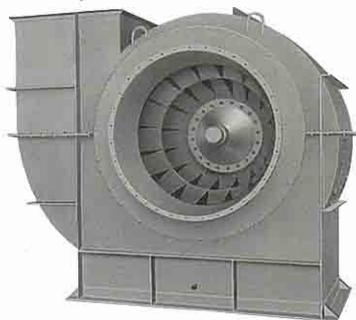
- 風量 6~6000m<sup>3</sup>/min
- 静圧 6~200mmAq
- 動力・風圧・安全性大
- 工業換気・乾燥機  
空気利用機一般



## ● プレートファン / PF 型

No.1~No.14

- 中圧 風量 30~1000m<sup>3</sup>/min  
静圧 200~600mmAq
- 低圧 風量 8~800m<sup>3</sup>/min  
静圧 25~250mmAq
- 対摩耗性  
集塵・空気搬送・  
工業用



## ● 斜流ファン / MF 型

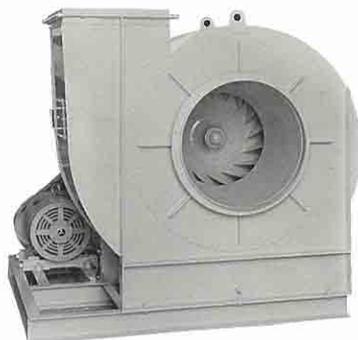
- φ 530~φ 750
- 風量 50~300m<sup>3</sup>/min
- 静圧 5~50mmAq
- 低騒音・小型軽量・据付面積小
- 空調・給排気・機器の冷却



## ● ターボファン / TF 型

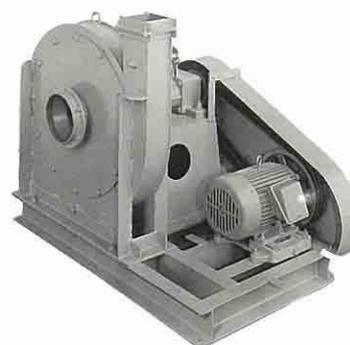
No.1~No.14

- 中圧 風量 30~1000m<sup>3</sup>/min  
静圧 200~600mmAq
- 高効率・動力安全性大  
一般集塵・工業換気
- 低圧 風量 8~800m<sup>3</sup>/min  
静圧 30~200mmAq



## ● ターボブローワー / TB 型

- 風量 5~6000m<sup>3</sup>/min
- 静圧 300~1600mmAq
- 小風量・圧力大
- 集塵・空気搬送・工業用



## ●サイレントブロワ／TB-DS型

No.3~No.6

- 風量 2~60m<sup>3</sup>/min
- 静圧 500~1400mmAq
- 低騒音・高効率・据付面積小
- 燃焼・空気搬送・エアカーテン・一般送風用



## ●高圧多段ブロワー／WTB型

- 風量 5~15m<sup>3</sup>/min
- 静圧 500~1600mmAq
- 燃焼・空気搬送・エアカーテン・一般送風用



## ●軸流ファン／AE・AB型

- φ 300~φ 2200
- 風量 20~3000m<sup>3</sup>/min
- 静圧 5~50mmAq
- 据出面積小
- 各種換気用



## ●高圧軸流ファン／E型

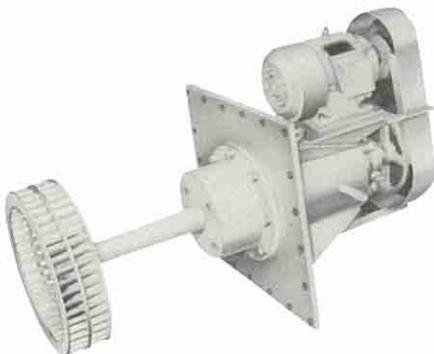
- φ 300~φ 2000・2段式
- 風量 40~1200m<sup>3</sup>/min
- 静圧 35~100mmAq
- 据出面積小・高圧ダクト延長大
- トンネル工所用



## ●炉内ファン／SF型

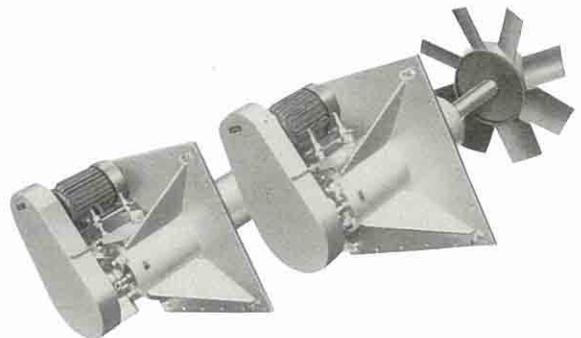
No.1<sup>3</sup>/<sub>4</sub>~No.7

- 風量 9.9~1100m<sup>3</sup>/min
- 静圧 5~100mmAq



## ●炉内ファン／軸流型

- φ 250~φ 1600
- 風量 5~1850m<sup>3</sup>/min
- 静圧 4~80mmAq



特殊ファン設計制作

- ファインセラミックス製●ステンレス製●耐摩耗鋼製
- アルミニウム製●銅板製●各種ライニング

送風機専門メーカー

**KAK 足立機工株式会社**

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TEL (052) 661-9611(代) FAX (052) 651-3928

PROFESSIONAL MAKER OF BLOWERS

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