



# CHIU CHAU Enterprise Co., Ltd.

## TFP25

TFP25 May 2026

## Backward Inclined Centrifugal Impeller



**amca**  
WORLDWIDE  
CERTIFIED  
RATINGS

**SOUND  
AND  
AIR  
PERFORMANCE**

**FEG  
FAN  
ENERGY  
GRADE**

AIR  
MOVEMENT  
AND CONTROL  
ASSOCIATION  
INTERNATIONAL, INC.®

**amca** INTERNATIONAL  
[www.amca.org](http://www.amca.org)

Chiu Chau Enterprise Co., Ltd. certifies that the TFP25 Centrifugal Fan shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

## Quality Reputation Service

# Prospectus

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Idea of operation: Prime in authentication,  
everlasting operation

Quality policy: Good quality, customer  
`satisfaction

In the beginning of this instruction, first we thank for the support given from all parties, we always keep good contact with old customers and exploit new market aggressively, realize continue, stable and coordinate development. The agreement contracted, proceeds, income after taxed both create peak in history. In order to affirm the foundation, we passed ISO 9001 quality management system accreditation. We prime the motto of “authentication, everlasting operation, good quality, customer satisfaction” as subject of national economy, providing first class product to society.

## Product Feature

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- Production equipment: dynamic balance calibration unit, hydraulic bending bed, hydraulic shear, level lathe, plasma cutting unit, CO2 electric welding set screw press, Argon welding set.
- Testing equipment: spectrum analyzer, laser aiming unit, thermal linear anemometer, noise decibel gauge, U tube, electronic pressure gauge, thermometer, tachometer, Pitot tube, diaphragm gauge, caliper.
- Education & training: monthly fixed 4 hours on-job training, invited professional lecturer, the contents of the program include professional know-how, production management, quality control and so on. Two or three persons are selected to attend visit and practice in academic unit yearly.
- Quality control: meet ISO 9001 quality management system.
- After sale service and handling of customer complaint: We provide customer service and maintenance service department exclusive for requirement of after sale service and handling of emergency incident., proceed subject to each customer complaint case, failure determination, cause analysis, trouble shooting, case classification and management. Cope with periodical maintenance of the user yearly.

# Example of Fan Curve Reading

## TFP25-2214 (Inlet Sound Power)

**Air Flowrate** **Q=2.681 CMS** Total Pressure (Pa)

**TFP25-2214**

**Outlet Velocity** **V=10.72 m/s**

**Total Pressure** **Pt=2164 Pa**

**Velocity Pressure** **Pv=68 Pa**

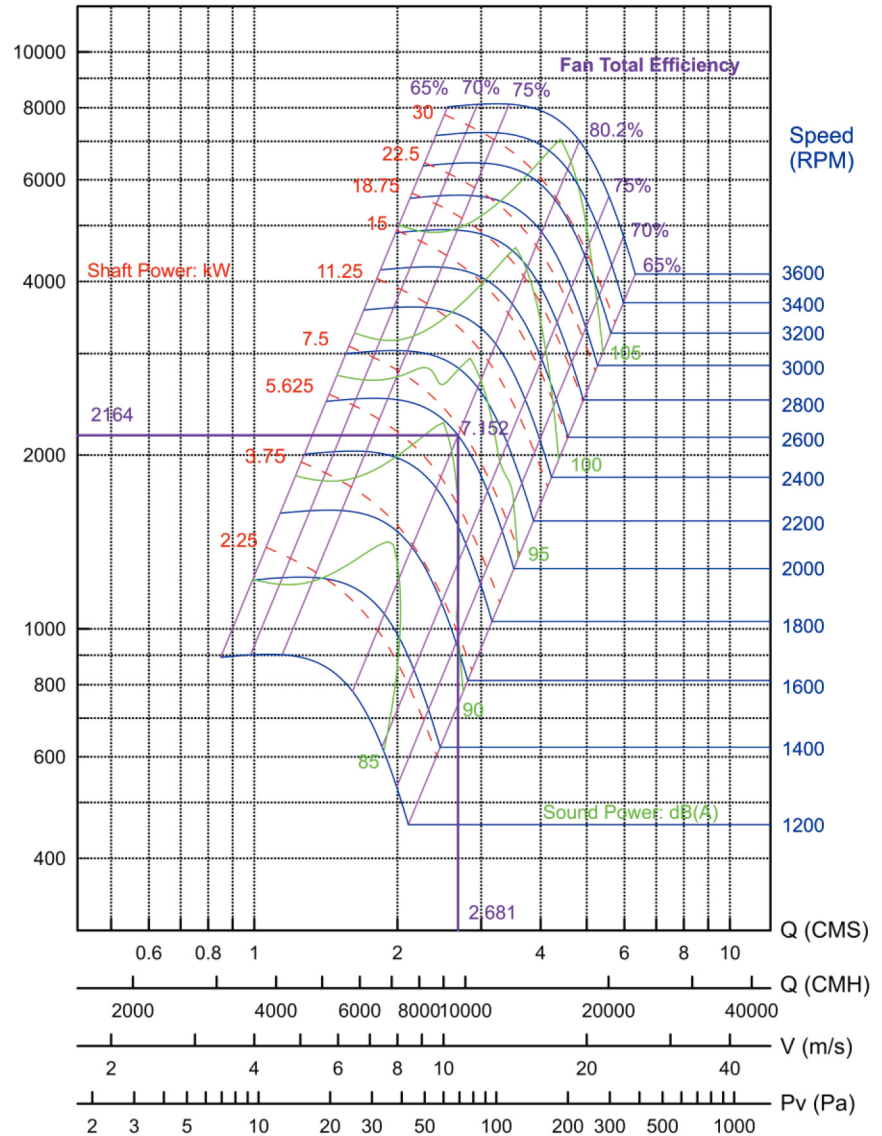
**Static Pressure** **Ps=2096 Pa**

**Fan Speed** **N=2000 rpm**

**Fan Shaft Power** **W=7.152 kW**

**Sound Power** **LwiA=90.7 dB(A)**

**Total Efficiency**  **$\eta$ =80.2%**



Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet.



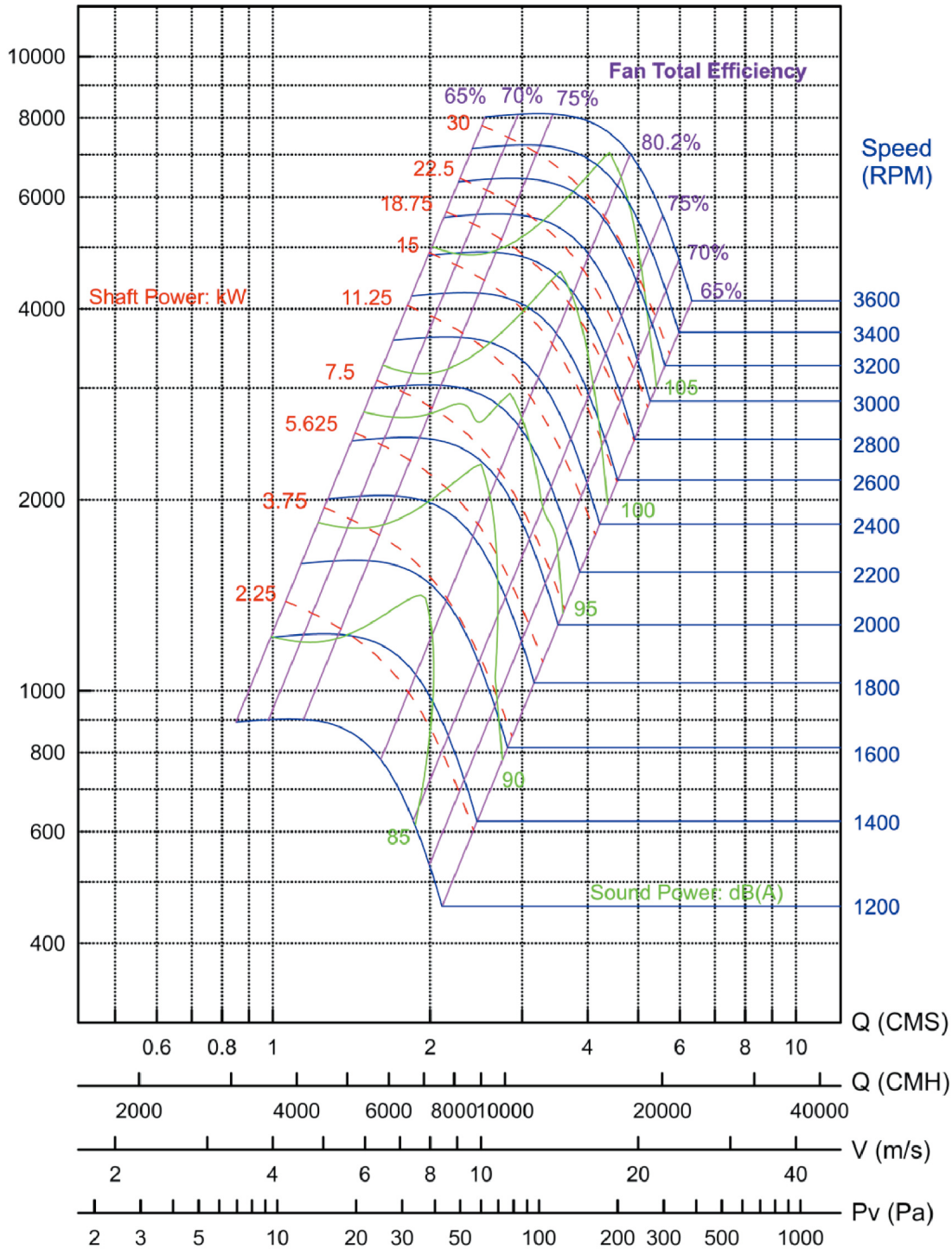
Total Pressure (Pa)

# TFP25-2214



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**FEG 85**



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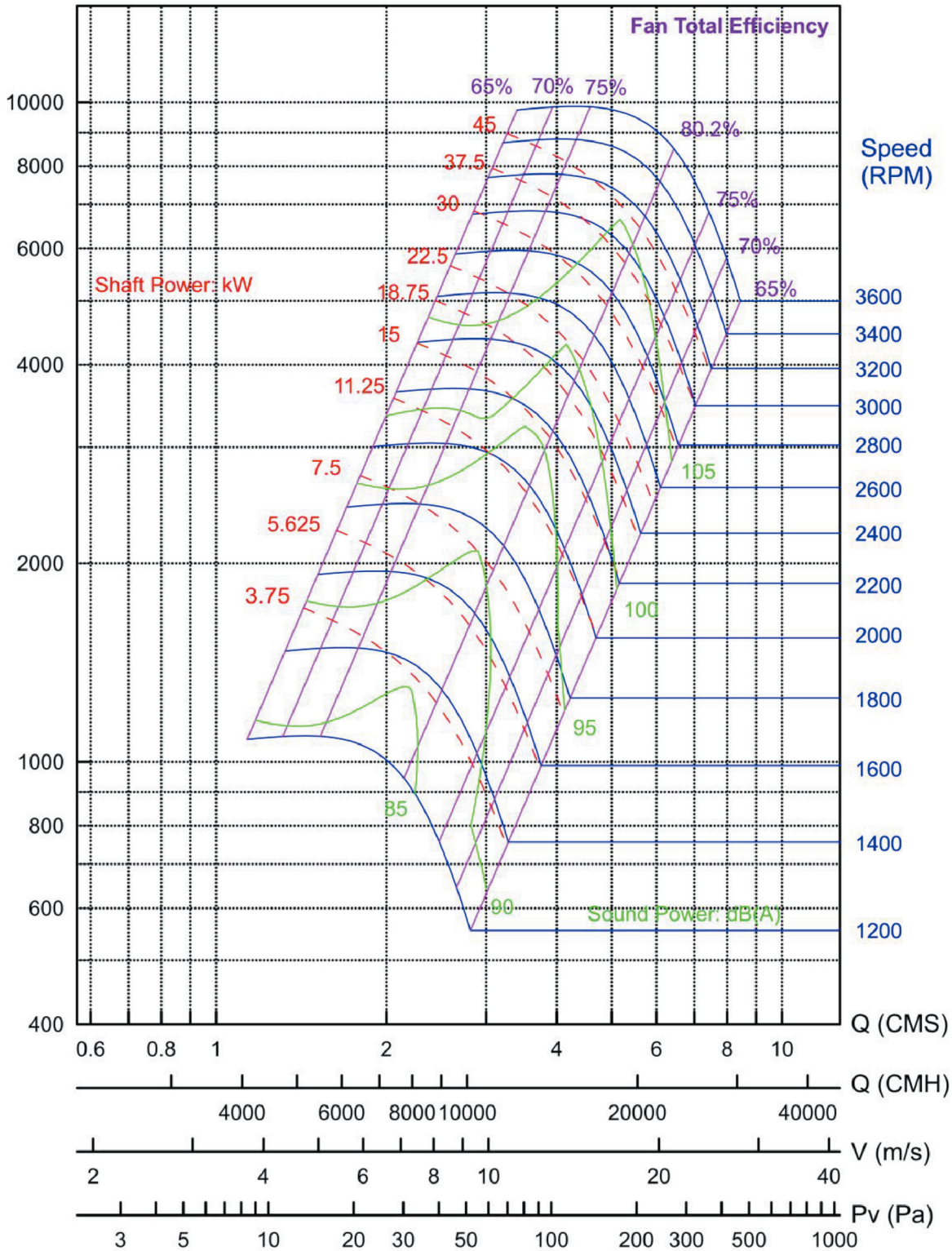


Total Pressure (Pa)

# TFP25-2412



**FEG 85**



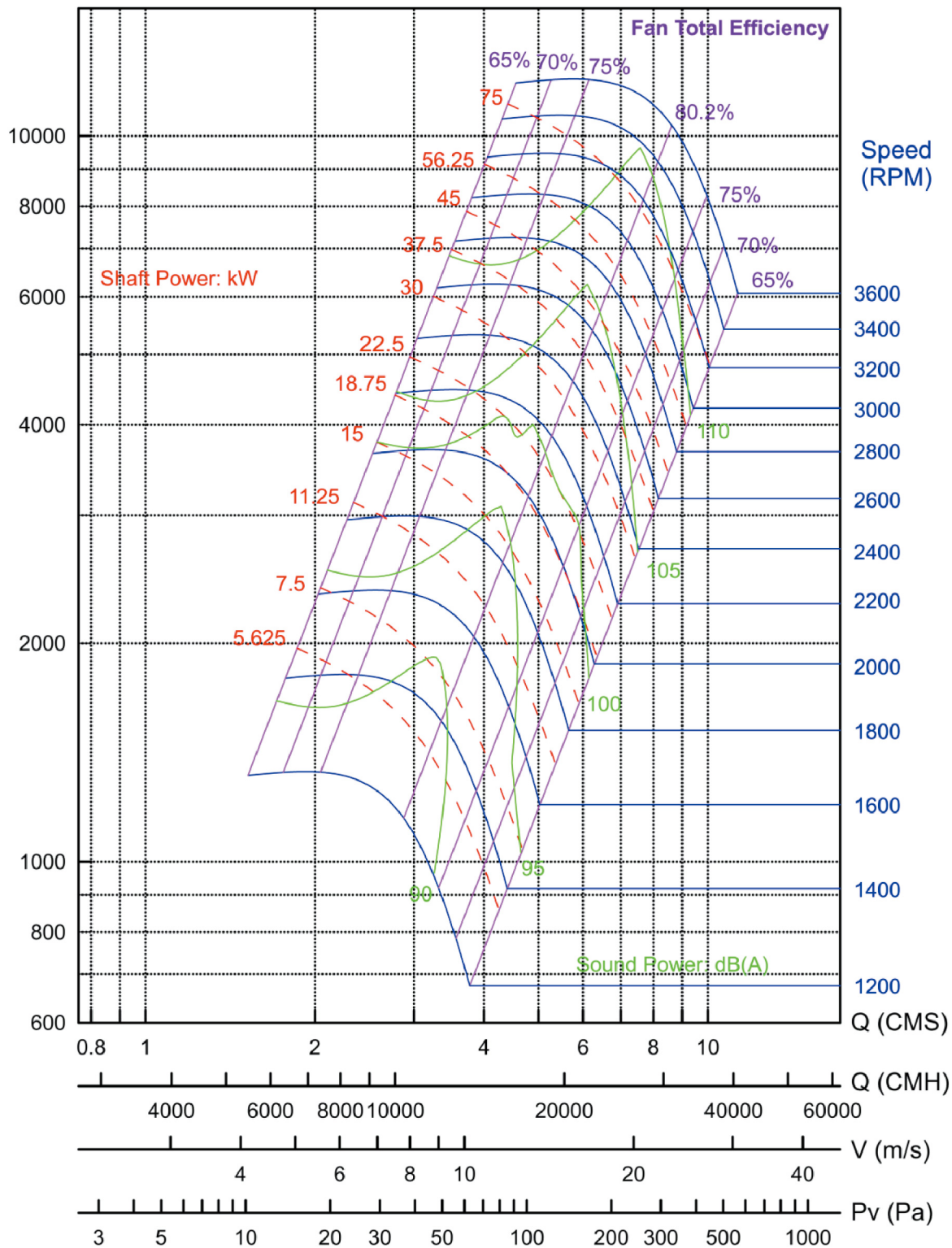
Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.

Total Pressure (Pa)

# TFP25-2700



FEG 85



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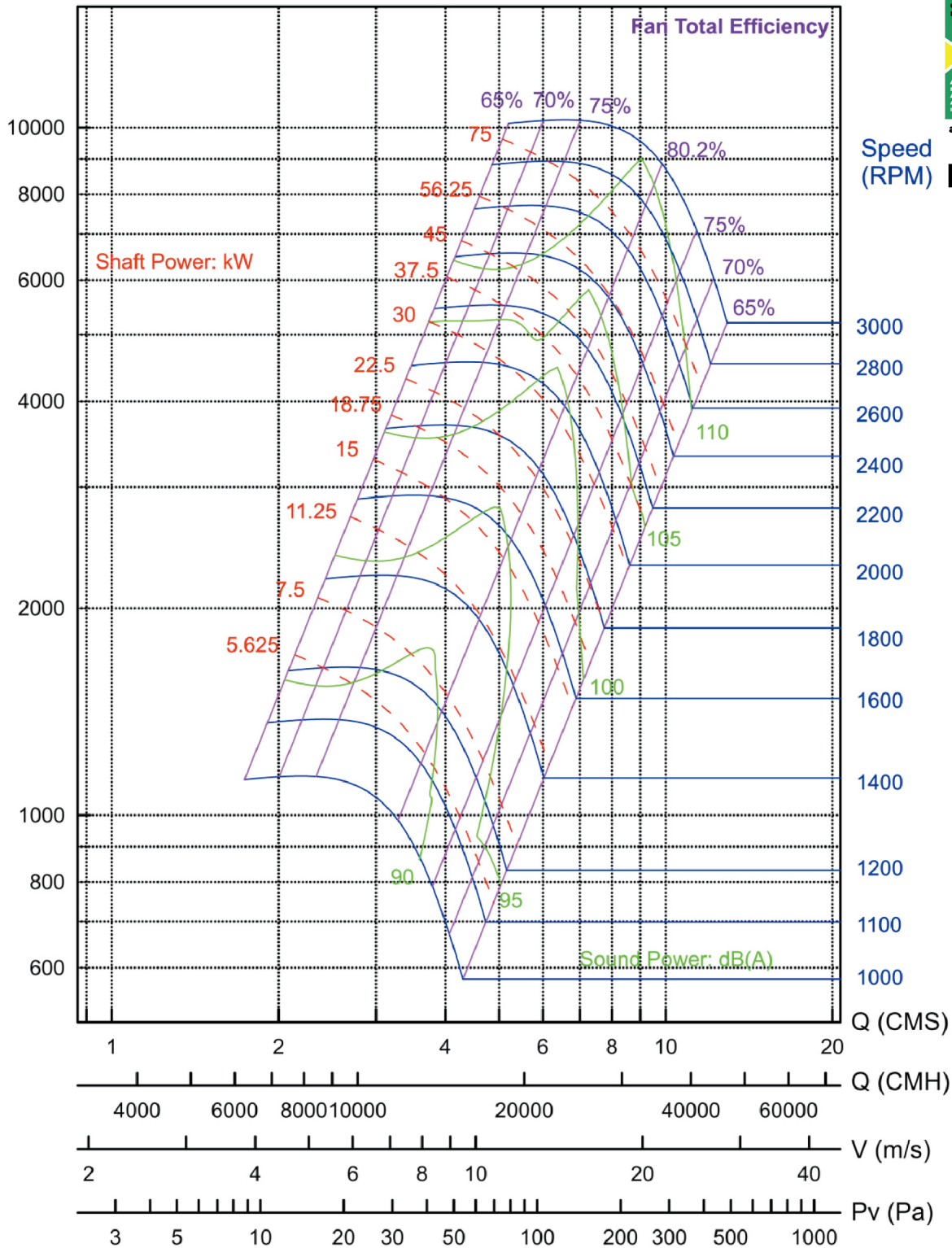


Total Pressure (Pa)

# TFP25-3000



Speed (RPM) **FEG 85**



Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.



Total Pressure (Pa)

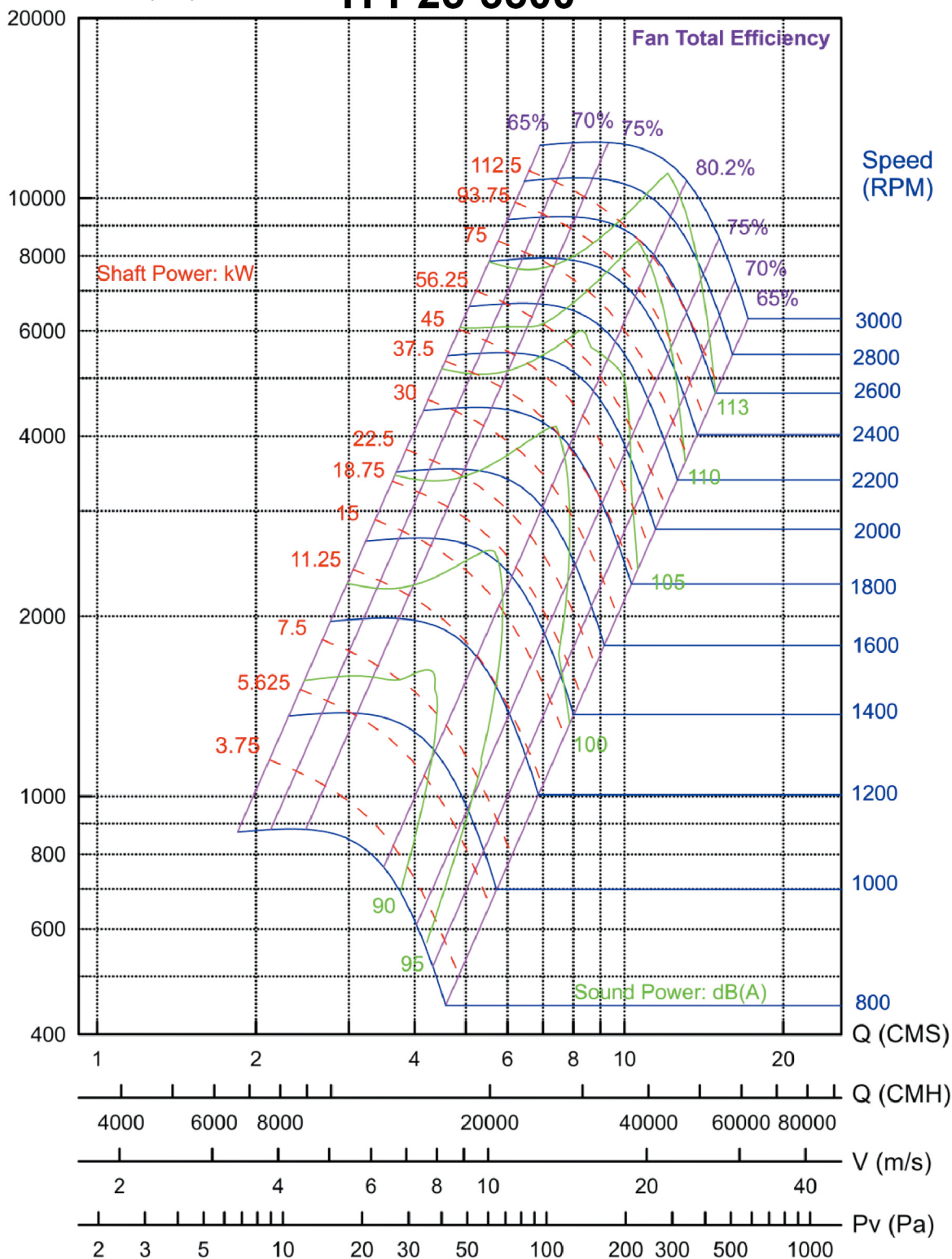
# TFP25-3300



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Speed  
(RPM)

FEG 85



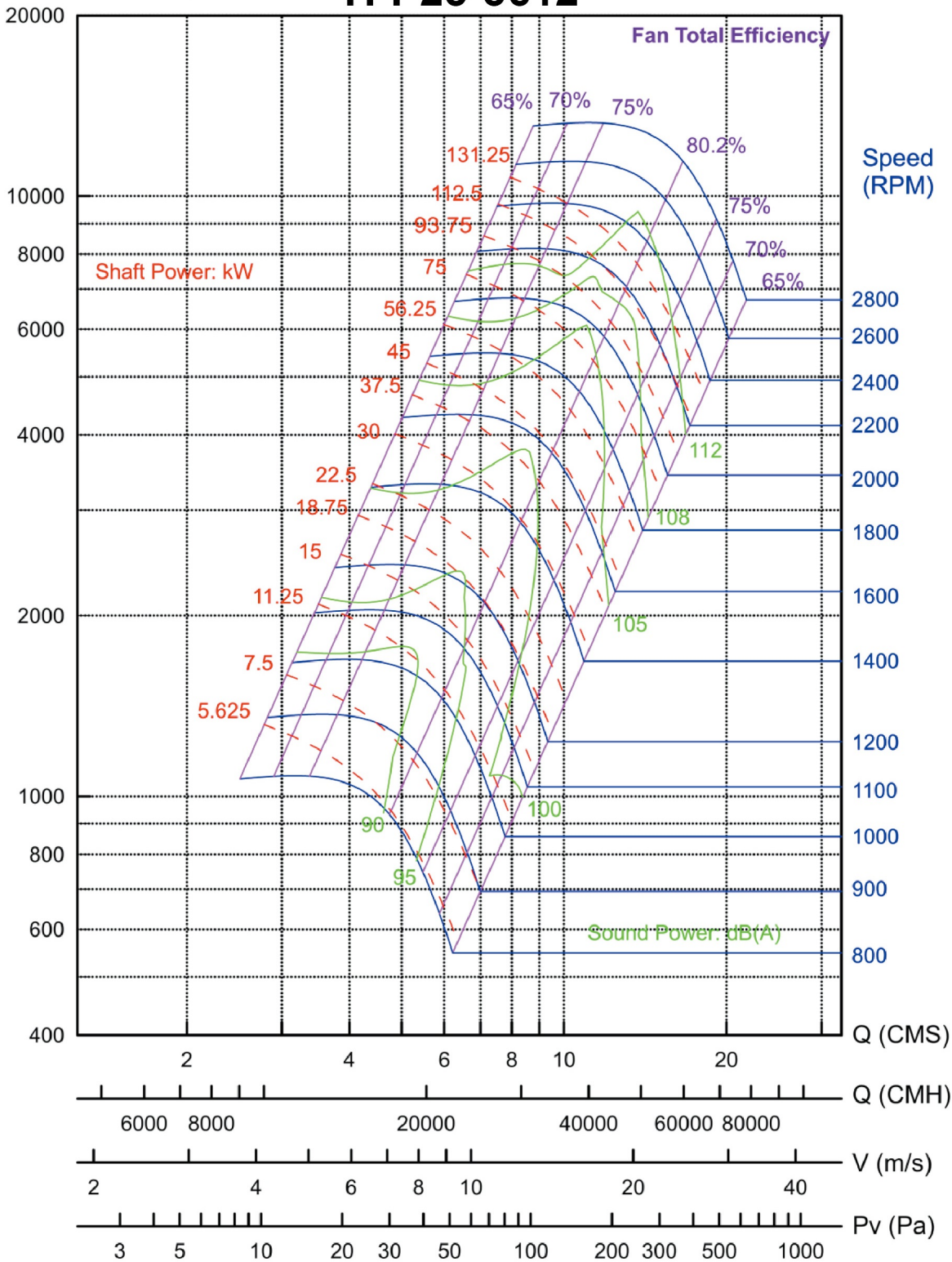
Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.

Total Pressure (Pa)

# TFP25-3612



FEG 85



Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.

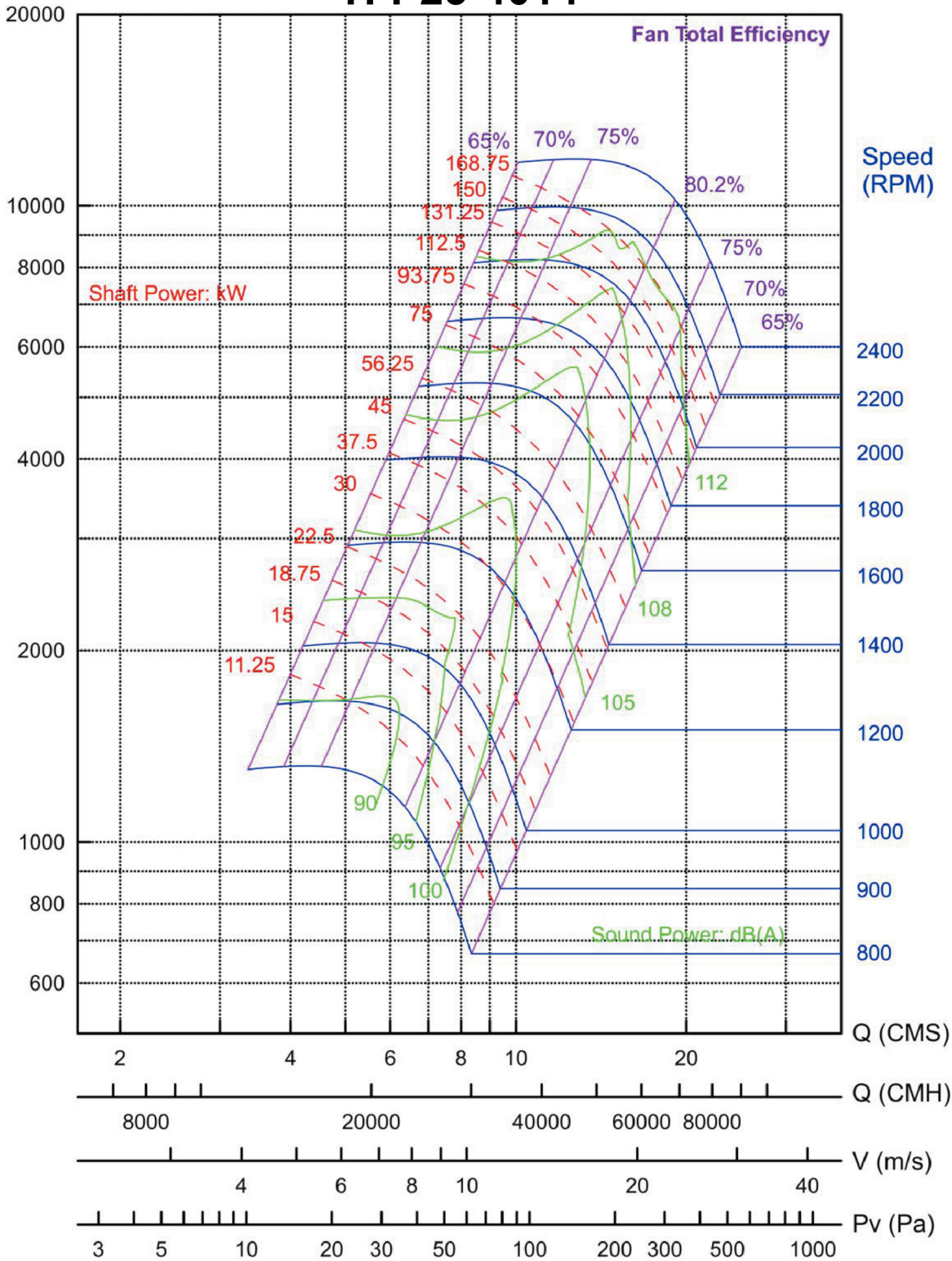


Total Pressure (Pa)

# TFP25-4014



FEG 85



Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.



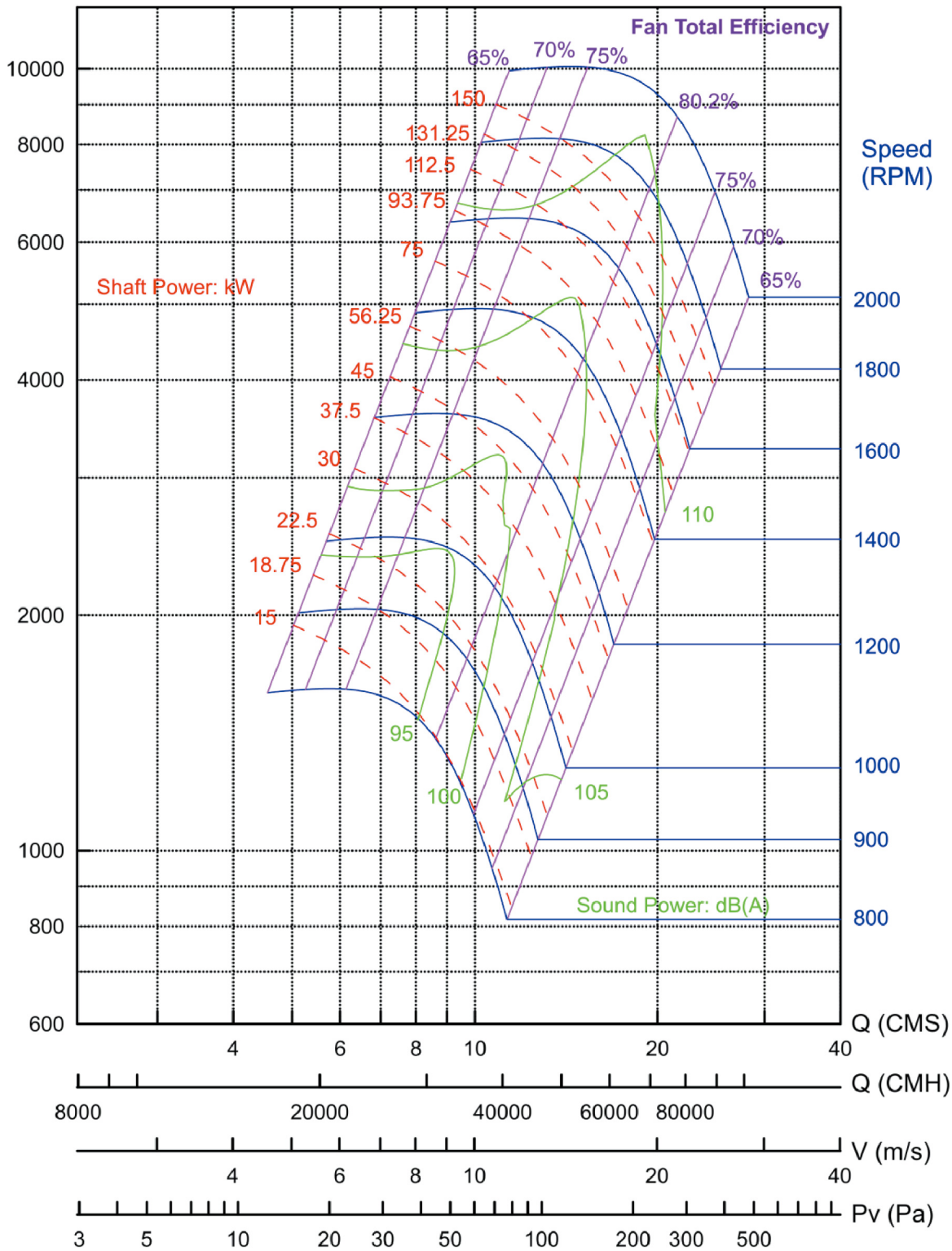
Total Pressure (Pa)

# TFP25-4412



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Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.

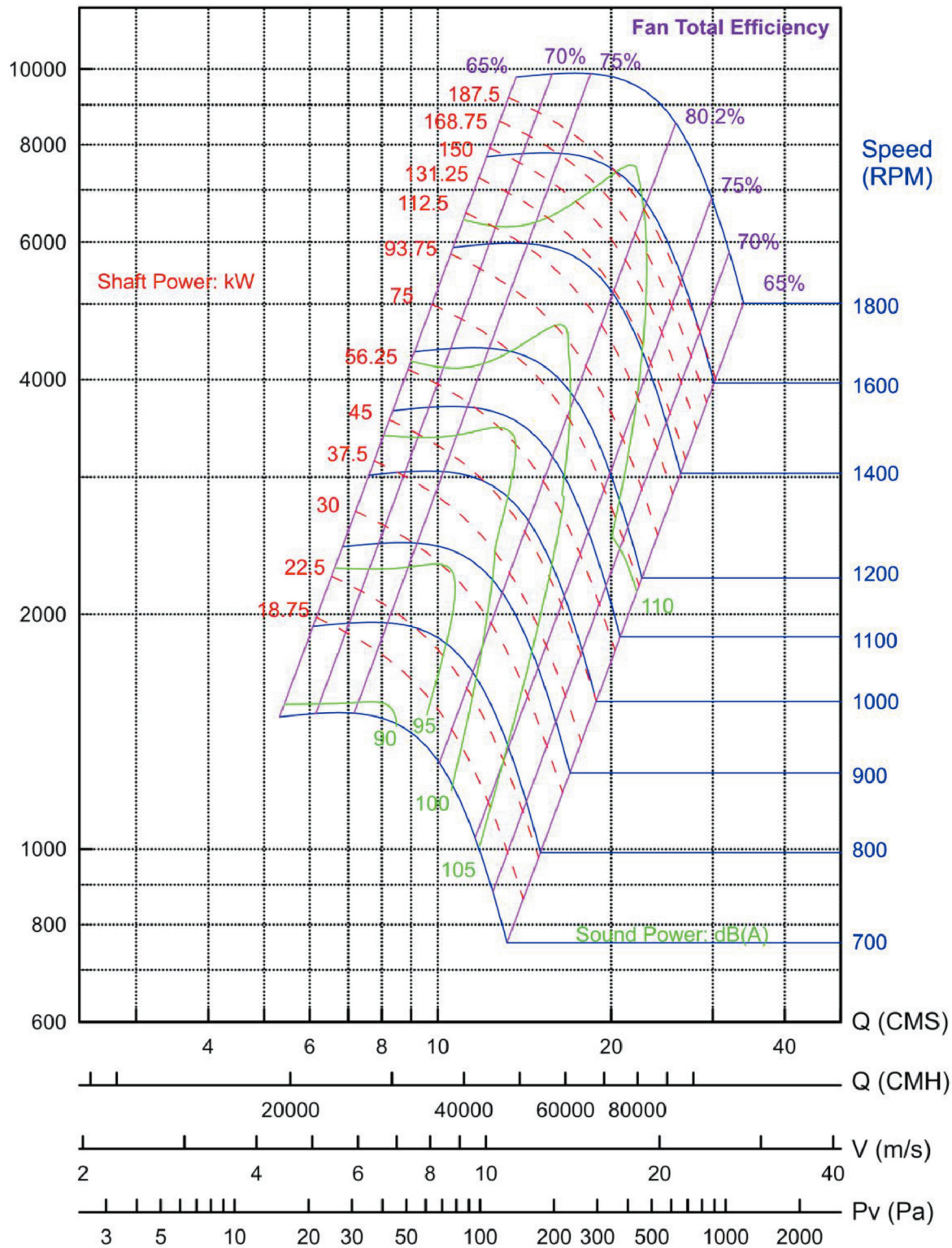
Total Pressure (Pa)

# TFP25-4900



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**FEG 85**



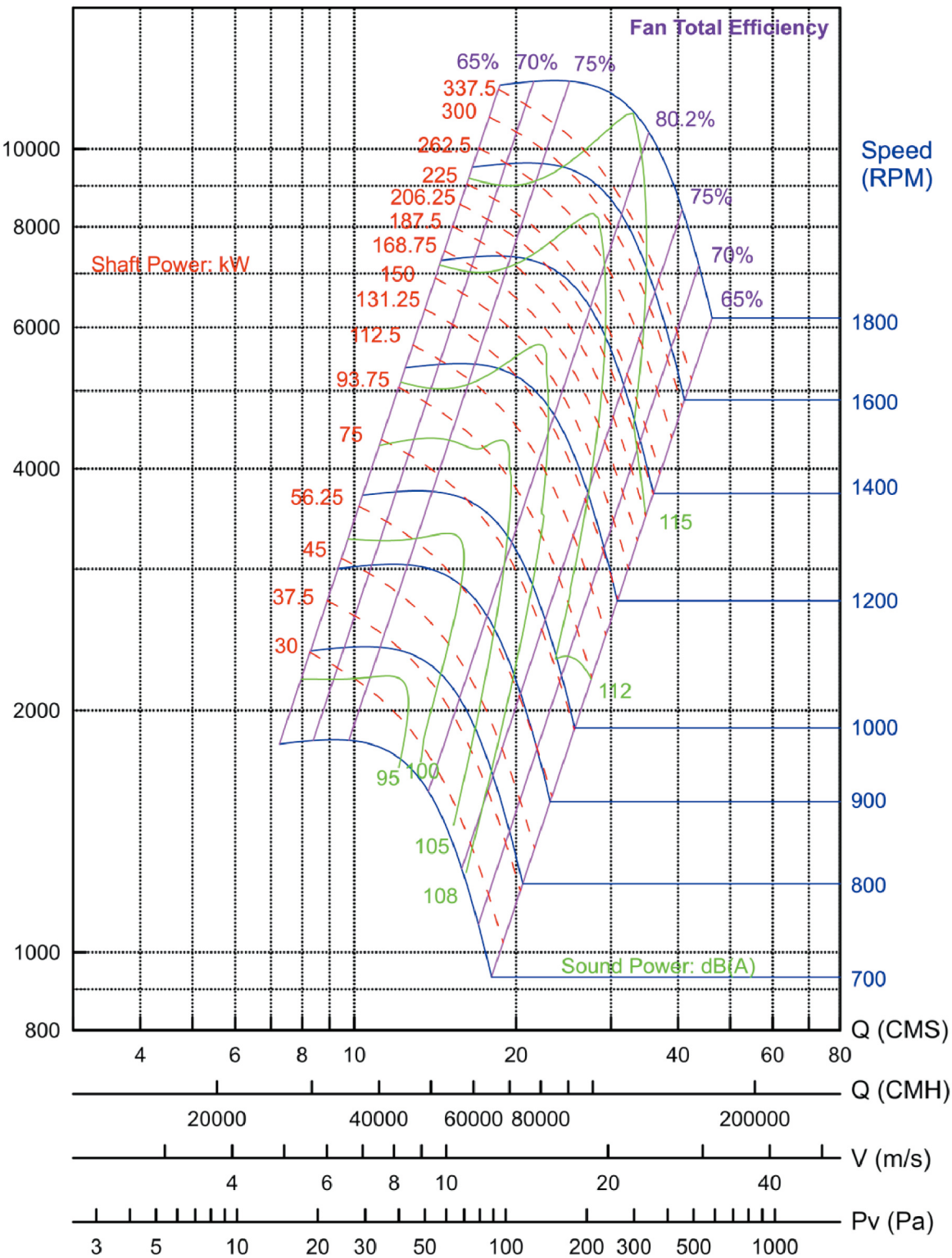
Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L<sub>wiA</sub> sound power levels for Installation Type B: free inlet, ducted outlet.

Total Pressure (Pa)

# TFP25-5414



FEG 85

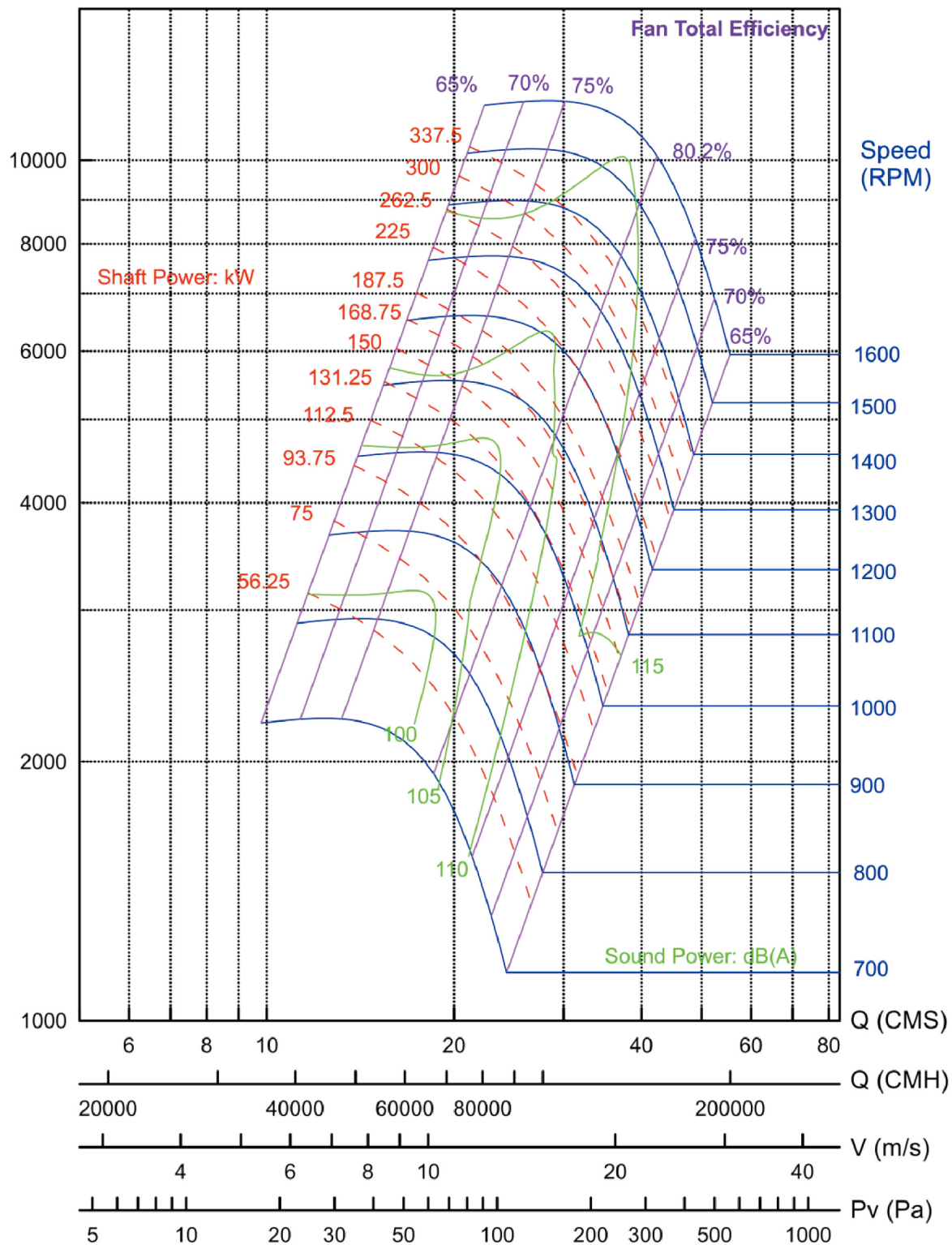


Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.



Total Pressure (Pa)

# TFP25-6000



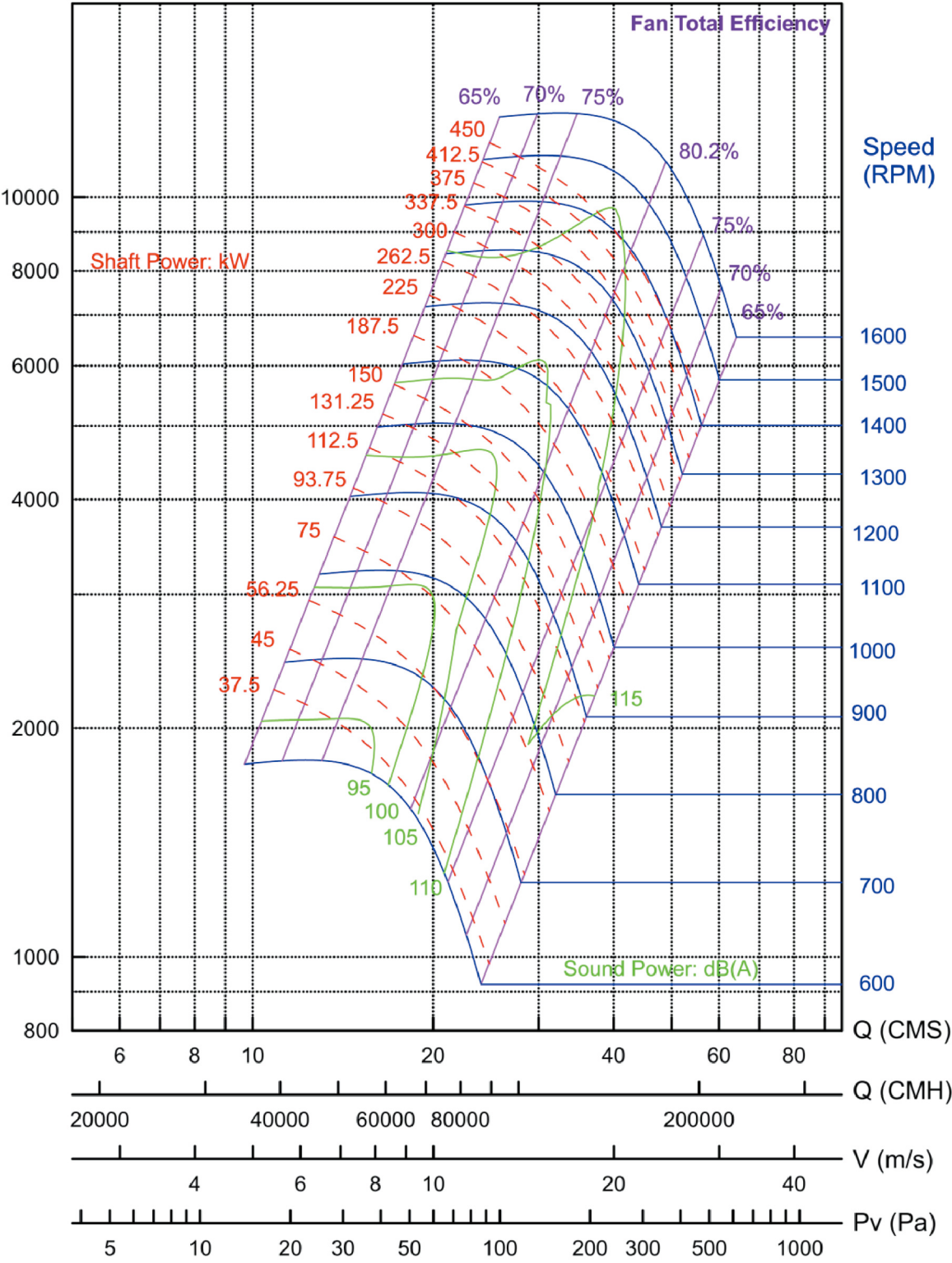
Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.

Total Pressure (Pa)

# TFP25-6300



Speed (RPM) **FEG 85**



Performance certified is for Installation Type B, free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for Installation Type B: free inlet, ducted outlet.



## Technology Data

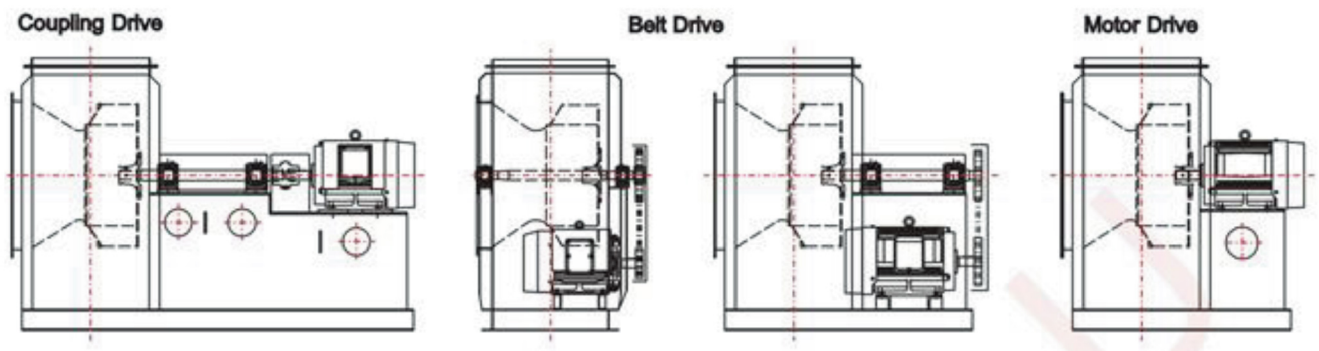
### TFP25

2214/2412/2700/3000/3300/3612/4014/4412/4900/5414/6000/6300

#### ● Fan Dimension

| Model | Inlet | Outlet |      | Body |      |      |      |
|-------|-------|--------|------|------|------|------|------|
|       | ØC    | B      | A    | D    | E    | F    | G    |
| 2214  | Ø640  | 640    | 390  | 450  | 561  | 643  | 479  |
| 2412  | Ø705  | 705    | 430  | 500  | 618  | 708  | 527  |
| 2700  | Ø778  | 778    | 474  | 550  | 681  | 780  | 581  |
| 3000  | Ø864  | 864    | 526  | 610  | 756  | 868  | 646  |
| 3300  | Ø950  | 950    | 580  | 680  | 832  | 954  | 711  |
| 3612  | Ø1050 | 1050   | 640  | 750  | 921  | 1055 | 786  |
| 4014  | Ø1160 | 1160   | 706  | 830  | 1015 | 1165 | 867  |
| 4412  | Ø1280 | 1280   | 780  | 880  | 1108 | 1286 | 930  |
| 4900  | Ø1410 | 1410   | 860  | 950  | 1220 | 1416 | 1024 |
| 5414  | Ø1560 | 1560   | 950  | 1050 | 1351 | 1568 | 1134 |
| 6000  | Ø1730 | 1730   | 1050 | 1150 | 1494 | 1734 | 1254 |
| 6300  | Ø1820 | 1820   | 1100 | 1250 | 1569 | 1825 | 1317 |

#### ● Drive Type:





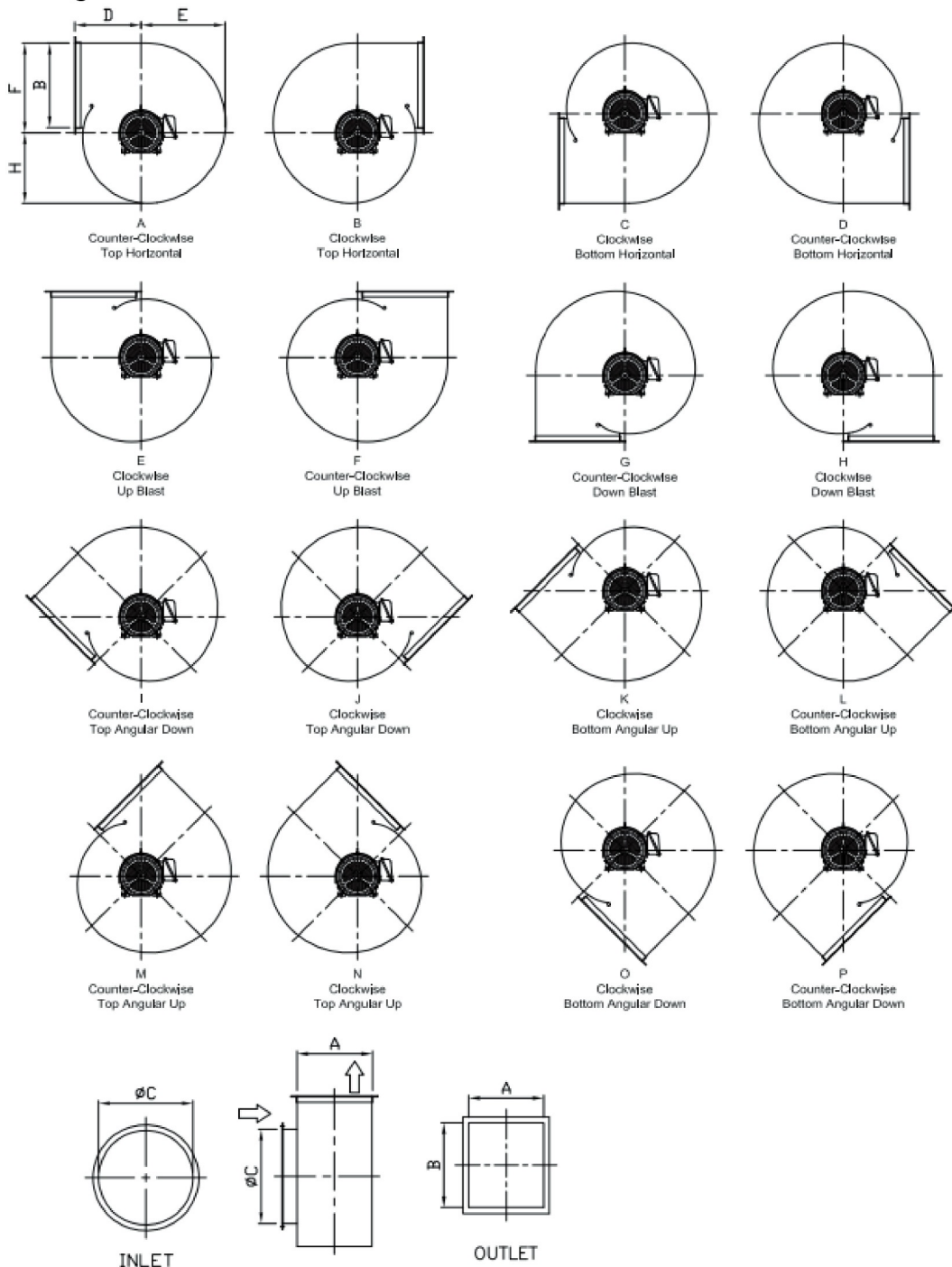


# 備忘録



# CHIU CHAU Enterprise Co.,Ltd.

## ● Rotating Orientation:



**CHIU CHAU ENTERPRISE Co., Ltd.**

Head Office: No. 71, Ln. 54, Zhongxing Rd., Longtan Township, Taoyuan County 325, Taiwan

Tel: 886-3-479-0666 Fax: 886-3-409-1333

Email: [chiu.chau@msa.hinet.net](mailto:chiu.chau@msa.hinet.net)

<http://www.chiuchau.com>