

**LEADERS IN CAR PARK VENTILATION**

Catalogue HCT fans  
Rev.0  
Date 2015-Feb-25



**HC GROEP**  
HC PS | CAR PARK VENTILATION

# HCH HFT HCT

## Robust wall-mounted axial or long-cased fans

Robust wall-mounted axial or long-cased fans, PL version supplied with plastic impeller and AL version supplied with aluminium impeller

**Fan:**

- Airflow direction from motor to impeller
- PL version impellers in polyamide 6 reinforced with fibreglass and AL version in cast aluminium  
HCT-40-2T and HCT-45-2T models only in AL version
- HCH: Support ring in sheet steel
- HFT: Support ring in sheet steel with double clamp and packing boxes for cable entry
- HCT: Sheet steel long casing with external terminal board

**Motor:**

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions from size 45 to size 56, IP54 protection.
- One- or two-speed depending on the model
- Single-phase 230V -50Hz. and three-phase 230/400V.50Hz. (up to 5.5CV) and 400/690V.-50Hz. (power over 5.5CV)
- Working temperature: -25°C.+ 50°C.

**Finish:**

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

**On request:**

- Airflow direction from impeller to motor.
- 100% reversible impellers
- Special windings for different voltages.
- ATEX certification, Category 2



HCH



HFT



HCT

### Order code



HCH: Robust wall-mounted axial fans  
HFT: Support ring in sheet steel with double clamp  
HCT: Robust long-cased axial fans

Impeller diameter in cm.

Number of motor poles  
2=2900 r/min. 50 Hz  
4=1400 r/min. 50 Hz  
6=900 r/min. 50 Hz  
8=750 r/min. 50 Hz  
12=500 r/min. 50 Hz

T=Three-phase  
M=Single-phase

Motor power (C.V.)

PL=Plastic impeller  
AL=Aluminium impeller

### Technical characteristics

| Model                  | Speed (r/min) | Maximum admissible current (A) |           |           | Installed power (kW) | Maximum airflow (m³/h) | Sound pressure level dB(A) | Approx. weight (Kg) |     |
|------------------------|---------------|--------------------------------|-----------|-----------|----------------------|------------------------|----------------------------|---------------------|-----|
|                        |               | 230V                           | 400V      | 690V      |                      |                        |                            | HCH                 | HCT |
| HCT 25-2T              | 2775          | 0.58                           | 0.34      | 0.12      | 1940                 | 64                     | 7                          |                     |     |
| HCT 25-2M              | 2775          | 0.90                           |           | 0.12      | 1940                 | 64                     | 7                          |                     |     |
| HCT 25-4T              | 1445          | 0.57                           | 0.33      | 0.06      | 980                  | 50                     | 7                          |                     |     |
| HCT 25-4M              | 1445          | 0.58                           |           | 0.06      | 980                  | 50                     | 7                          |                     |     |
| HCT 31-2T              | 2750          | 1.12                           | 0.65      | 0.18      | 2900                 | 70                     | 8                          |                     |     |
| HCT 31-2M              | 2700          | 1.45                           |           | 0.18      | 2900                 | 70                     | 8                          |                     |     |
| HCT 31-4T              | 1450          | 0.60                           | 0.34      | 0.08      | 1550                 | 52                     | 8                          |                     |     |
| HCT 31-4M              | 1450          | 0.65                           |           | 0.08      | 1550                 | 52                     | 8                          |                     |     |
| HCH HCT 35-2T          | 2800          | 2.15                           | 1.25      | 0.37      | 5750                 | 77                     | 9                          | 12                  |     |
| HCH HCT 35-2M          | 2750          | 2.90                           |           | 0.37      | 5750                 | 77                     |                            | 12                  |     |
| HCH HCT 35-4T          | 1440          | 0.64                           | 0.37      | 0.10      | 3100                 | 59                     | 7                          | 10                  |     |
| HCH HCT 35-4M          | 1440          | 0.67                           |           | 0.10      | 3100                 | 59                     |                            | 10                  |     |
| HCH HCT 40-2T-1,5      | 2900          | 4.68                           | 2.70      | 1.10      | 8750                 | 84                     | 17                         | 25                  |     |
| HCH HCT 40-4T-0,33     | 1450          | 1.58                           | 0.91      | 0.25      | 5100                 | 64                     | 13                         | 21                  |     |
| HCT 45-2T-2            | 2900          | 5.89                           | 3.40      | 1.50      | 10300                | 86                     |                            | 31                  |     |
| HCT 45-2T-3            | 2900          | 8.23                           | 4.75      | 2.20      | 12800                | 88                     |                            | 34                  |     |
| HCT 45-2/4T-3          | 2910/1420     | -                              | 5.00/1.60 | 2.20/0.60 | 12800/6400           | 88/73                  |                            | 33                  |     |
| HCH HCT 45-4T-0,5      | 1450          | 2.07                           | 1.20      | 0.37      | 7100                 | 68                     | 15                         | 24                  |     |
| HCH HCT 45-4M-0,5      | 1450          | 3.10                           |           | 0.37      | 7100                 | 68                     | 15                         | 24                  |     |
| HCH                    | 950           | 1.47                           | 0.85      | 0.25      | 4750                 | 55                     | 14                         |                     |     |
| HCH                    | 950           | 1.30                           |           | 0.25      | 4750                 | 55                     | 15                         |                     |     |
| HCT 50-4T-0,75         | 1450          | 3.00                           | 1.73      | 0.55      | 10300                | 70                     |                            | 28                  |     |
| HCH HFT HCT 56-4T-0,75 | 1450          | 3.12                           | 1.80      | 0.55      | 11000                | 72                     | 21                         | 33                  |     |

### Technical characteristics

| Model                    | Speed<br>(r/min) | Maximum admissible current (A) |            |      | Installed power (kW) | Maximum airflow (m³/h) | Sound pressure level dB(A) | Approx. weight (Kg) |     |
|--------------------------|------------------|--------------------------------|------------|------|----------------------|------------------------|----------------------------|---------------------|-----|
|                          |                  | 230V                           | 400V       | 690V |                      |                        |                            | HCH                 | HCT |
| HCH HFT HCT 56-4M-0,75   | 1450             | 4.40                           |            |      | 0.55                 | 11000                  | 72                         | 21                  | 33  |
| HCH HFT HCT 56-4T-1      | 1450             | 3.46                           | 2.00       |      | 0.75                 | 12900                  | 73                         | 22                  | 34  |
| HCH HFT HCT 56-4/8T-1    | 1430/710         | -                              | 2.15/0.90  |      | 0.75/0.15            | 12900/6450             | 73/58                      | 23                  | 35  |
| HCH HFT HCT 56-4T-1,5    | 1450             | 5.20                           | 3.00       |      | 1.10                 | 14000                  | 74                         | 26                  | 37  |
| HCH HFT HCT 56-4/8T-1,5  | 1440/710         | -                              | 3.15/1.30  |      | 1.10/0.25            | 14000/7000             | 74/59                      | 24                  | 35  |
| HCH HFT HCT 56-4T-2      | 1450             | 6.41                           | 3.70       |      | 1.50                 | 15300                  | 75                         | 28                  | 39  |
| HCH HFT HCT 56-4/8T-2    | 1420/700         | -                              | 3.50/1.50  |      | 1.50/0.37            | 15300/7650             | 75/60                      | 28                  | 39  |
| HCH HFT HCT 56-6T -0,33  | 950              | 1.47                           | 0.85       |      | 0.25                 | 8400                   | 61                         | 18                  | 30  |
| HCH HFT HCT 56-6M -0,33  | 950              | 1.85                           |            |      | 0.25                 | 8400                   | 61                         | 19                  | 31  |
| HCH HFT HCT 56-6T -0,5   | 950              | 2.11                           | 1.22       |      | 0.37                 | 9300                   | 61                         | 20                  | 32  |
| HCH HFT HCT 56-6T -0,75  | 950              | 2.96                           | 1.71       |      | 0.55                 | 10000                  | 62                         | 22                  | 34  |
| HCH HFT HCT 63-4T-1      | 1450             | 3.46                           | 2.00       |      | 0.75                 | 14100                  | 73                         | 27                  | 42  |
| HCH HFT HCT 63-4/8T-1    | 1430/710         | -                              | 2.15/0.90  |      | 0.75/0.15            | 14100/7050             | 73/58                      | 27                  | 43  |
| HCH HFT HCT 63-4T-1,5    | 1450             | 5.20                           | 3.00       |      | 1.10                 | 17000                  | 74                         | 30                  | 45  |
| HCH HFT HCT 63-4/8T-1,5  | 1440/710         | -                              | 3.15/1.30  |      | 1.10/0.25            | 17000/8500             | 74/59                      | 29                  | 44  |
| HCH HFT HCT 63-4T-2      | 1450             | 6.41                           | 3.70       |      | 1.50                 | 18900                  | 75                         | 33                  | 48  |
| HCH HFT HCT 63-4/8T-2    | 1420/700         | -                              | 3.50/1.50  |      | 1.50/0.37            | 18900/9450             | 75/60                      | 32                  | 48  |
| HCH HFT HCT 63-4T-3      | 1450             | 8.49                           | 4.9        |      | 2.20                 | 22000                  | 76                         | 41                  | 57  |
| HCH HFT HCT 63-4/8T-3    | 1430/710         | -                              | 4.90/1.70  |      | 2.20/0.45            | 22000/11000            | 76/61                      | 38                  | 54  |
| HCH HFT HCT 63-4T-4      | 1450             | 11.78                          | 6.80       |      | 3.00                 | 25200                  | 77                         | 43                  | 59  |
| HCH HFT HCT 63-4/8T-4    | 1430/710         | -                              | 6.50/2.30  |      | 3.00/0.60            | 25200/12600            | 77/62                      | 42                  | 57  |
| HCH HFT HCT 63-6T -0,5   | 950              | 2.11                           | 1.22       |      | 0.37                 | 12000                  | 64                         | 25                  | 40  |
| HCH HFT HCT 63-6M -0,5   | 950              | 2.80                           |            |      | 0.37                 | 12000                  | 64                         | 25                  | 40  |
| HCH HFT HCT 63-6T -0,75  | 950              | 2.96                           | 1.71       |      | 0.55                 | 12600                  | 65                         | 27                  | 42  |
| HCH HFT HCT 63-6T -1     | 950              | 3.91                           | 2.26       |      | 0.75                 | 13800                  | 66                         | 33                  | 48  |
| HCH HFT HCT 63-6/12T-1   | 935/435          | -                              | 2.20/0.87  |      | 0.75/0.15            | 13800/6900             | 66/51                      | 32                  | 47  |
| HCH HFT HCT 71-4T-1,5    | 1450             | 5.20                           | 3.00       |      | 1.10                 | 19900                  | 78                         | 33                  | 52  |
| HCH HFT HCT 71-4/8T-1,5  | 1440/710         | -                              | 3.15/1.30  |      | 1.10/0.25            | 19900/9950             | 78/63                      | 32                  | 51  |
| HCH HFT HCT 71-4T-2      | 1450             | 6.41                           | 3.70       |      | 1.50                 | 21000                  | 79                         | 36                  | 55  |
| HCH HFT HCT 71-4/8T-2    | 1420/700         | -                              | 3.50/1.50  |      | 1.50/0.37            | 21000/10500            | 79/64                      | 35                  | 54  |
| HCH HFT HCT 71-4T-3      | 1450             | 8.49                           | 4.90       |      | 2.20                 | 24000                  | 81                         | 45                  | 64  |
| HCH HFT HCT 71-4/8T-3    | 1430/710         | -                              | 4.90/1.70  |      | 2.20/0.45            | 24000/12000            | 81/66                      | 42                  | 61  |
| HCH HFT HCT 71-4T-4      | 1450             | 11.78                          | 6.80       |      | 3.00                 | 29400                  | 82                         | 47                  | 66  |
| HCH HFT HCT 71-4/8T-4    | 1430/710         | -                              | 6.50/2.30  |      | 3.00/0.60            | 29400/14700            | 82/67                      | 46                  | 64  |
| HCH HFT HCT 71-6T -0,75  | 950              | 2.96                           | 1.71       |      | 0.55                 | 15000                  | 67                         | 29                  | 49  |
| HCH HFT HCT 71-6M -0,75  | 950              | 3.80                           |            |      | 0.55                 | 15000                  | 67                         | 29                  | 49  |
| HCH HFT HCT 71-6T -1     | 950              | 3.91                           | 2.26       |      | 0.75                 | 17200                  | 68                         | 36                  | 55  |
| HCH HFT HCT 71-6/12T-1   | 950/435          | -                              | 2.26/0.87  |      | 0.75/0.15            | 17200/8600             | 68/53                      | 35                  | 54  |
| HCH HFT HCT 71-6T -1,5   | 950              | 5.00                           | 2.89       |      | 1.10                 | 21100                  | 69                         | 38                  | 57  |
| HCH HFT HCT 71-6/12T-1,5 | 950/470          | -                              | 3.00/1.15  |      | 1.10/0.18            | 21100/10550            | 69/54                      | 37                  | 56  |
| HCH HFT HCT 80-4T-3      | 1450             | 8.49                           | 4.90       |      | 2.20                 | 29500                  | 82                         | 53                  | 72  |
| HCH HFT HCT 80-4/8T-3    | 1430/710         | -                              | 4.90/1.70  |      | 2.20/0.45            | 29500/14750            | 82/67                      | 50                  | 69  |
| HCH HFT HCT 80-4T-4      | 1450             | 11.78                          | 6.80       |      | 3.00                 | 37000                  | 83                         | 55                  | 74  |
| HCH HFT HCT 80-4/8T-4    | 1430/710         | -                              | 6.50/2.30  |      | 3.00/0.60            | 37000/18500            | 83/68                      | 54                  | 73  |
| HCH HFT HCT 80-4T-5,5    | 1450             | 15.24                          | 8.80       |      | 4.00                 | 40500                  | 84                         | 60                  | 79  |
| HCH HFT HCT 80-4/8T-5,5  | 1430/710         | -                              | 8.80/2.90  |      | 4.00/0.80            | 40500/20250            | 84/69                      | 66                  | 85  |
| HCH HFT HCT 80-6T -1     | 950              | 4.16                           | 2.40       |      | 0.75                 | 23000                  | 71                         | 44                  | 64  |
| HCH HFT HCT 80-6/12T-1   | 950/435          | -                              | 2.40/0.87  |      | 0.75/0.15            | 23000/11500            | 71/56                      | 43                  | 63  |
| HCH HFT HCT 80-6T -1,5   | 950              | 5.80                           | 3.35       |      | 1.10                 | 26000                  | 72                         | 46                  | 66  |
| HCH HFT HCT 80-6/12T-1,5 | 950/470          | -                              | 3.35/1.15  |      | 1.10/0.18            | 26000/13000            | 72/57                      | 45                  | 65  |
| HCH HFT HCT 80-6T -2     | 950              | 7.62                           | 4.40       |      | 1.50                 | 29700                  | 73                         | 52                  | 71  |
| HCH HFT HCT 80-6/12T-2   | 970/470          | -                              | 4.60/1.90  |      | 1.50/0.25            | 29700/14850            | 73/58                      | 62                  | 81  |
| HCH HFT HCT 80-6T -3     | 950              | 9.35                           | 5.40       |      | 2.20                 | 33500                  | 74                         | 57                  | 76  |
| HCH HFT HCT 80-6/12T-3   | 940/470          | -                              | 5.60/2.20  |      | 2.20/0.37            | 33500/16750            | 74/59                      | 62                  | 81  |
| HCH HFT HCT 80-8T-0,5    | 720              | 2.77                           | 1.60       |      | 0.37                 | 16500                  | 69                         | 43                  | 63  |
| HCH HFT HCT 80-8T-0,75   | 720              | 3.26                           | 1.88       |      | 0.55                 | 19500                  | 70                         | 45                  | 65  |
| HCH HFT HCT 80-8T-1      | 720              | 4.23                           | 2.44       |      | 0.75                 | 22000                  | 71                         | 50                  | 69  |
| HCH HFT HCT 90-4T-4      | 1450             | 11.95                          | 6.90       |      | 3.00                 | 40000                  | 87                         | 62                  | 90  |
| HCH HFT HCT 90-4/8T-4    | 1430/710         | -                              | 6.90/2.30  |      | 3.00/0.60            | 40000/20000            | 87/72                      | 61                  | 88  |
| HCH HFT HCT 90-4T-5,5    | 1450             | 15.24                          | 8.80       |      | 4.00                 | 46500                  | 89                         | 67                  | 95  |
| HCH HFT HCT 90-4/8T-5,5  | 1450/710         | -                              | 8.80/2.90  |      | 4.00/0.80            | 46500/23250            | 89/74                      | 73                  | 101 |
| HCH HFT HCT 90-4T-7,5    | 1450             | -                              | 12.40      | 7.20 | 5.50                 | 51000                  | 91                         | 83                  | 109 |
| HCH HFT HCT 90-4/8T-7,5  | 1460/725         | -                              | 12.50/4.10 |      | 5.50/1.10            | 51000/25500            | 91/76                      | 93                  | 119 |
| HCH HFT HCT 90-4T-10     | 1450             | -                              | 15.60      | 9.00 | 7.50                 | 54700                  | 92                         | 94                  | 120 |
| HCH HFT HCT 90-4/8T-10   | 1460/725         | -                              | 15.30/5.40 |      | 7.50/1.50            | 54700/27350            | 92/77                      | 98                  | 124 |



### Technical characteristics

Table with 11 main columns: Model, Speed (r/min), Maximum admissible current (A) [230V, 400V, 690V], Installed power (kW), Maximum airflow (m³/h), Sound pressure level dB(A), Approx. weight (Kg) [HCH, HCT]. Rows list various models from 90-6T to 100-8T-4.

### Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Table with 20 columns: Model, and two sets of 8 columns for frequency bands (63, 125, 250, 500, 1000, 2000, 4000, 8000 Hz) for two different fan sizes. Rows list models like 25-2, 25-4, 31-2, 31-4, 35-2, 35-4, 40-2, 40-4, 45-2-2, 45-2-3, 45-4-3 (2v), 45-4-0,5, 45-6, 50-4, 56-4-0,75, 56-4-1, 56-8-1 (2v), 56-4-1,5, 56-8-1,5 (2v), 56-4-2, 56-8-2 (2v), 56-6-0,33, 56-6-0,5, 56-6-0,75, 63-4-1, 63-8-1 (2v), 63-4-1,5, 63-8-1,5 (2v), 63-4-2, 63-8-2 (2v), 63-4-3, 63-8-3 (2v), 63-4-4, 63-8-4 (2v), 63-6-0,5, 63-6-0,75, 63-6-1, 63-12-1 (2v), 71-4-1,5, 71-8-1,5 (2v), 71-4-2, 71-8-2 (2v), 71-4-3, 71-8-3 (2v), 71-4-4, 71-8-4 (2v), 71-6-0,75, 71-6-1, 71-12-1 (2v), 71-6-1,5, 71-12-1,5 (2v), 80-4-3, 80-8-3 (2v), 80-4-4, 80-8-4 (2v), 80-4-5,5, 80-8-5,5 (2v), 80-6-1, 80-12-1 (2v), 80-6-1,5, 80-12-1,5 (2v), 80-6-2, 80-12-2 (2v), 80-6-3, 80-12-3 (2v), 80-8-0,5, 80-8-0,75, 80-8-1, 80-8-4, 80-8-4,4, 80-8-5,5 (2v), 80-4-7,5, 80-8-7,5 (2v), 90-4-10, 90-8-10 (2v).



## Acoustic features

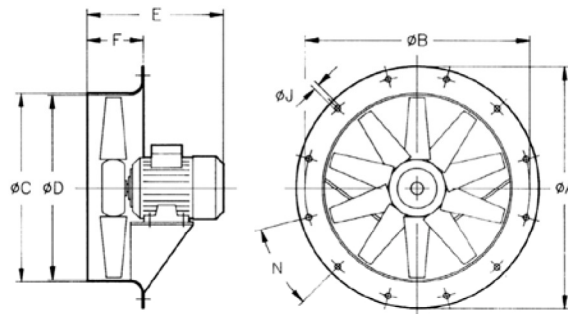
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

| Model          | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Model           | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|----------------|----|-----|-----|-----|------|------|------|------|-----------------|----|-----|-----|-----|------|------|------|------|
| 90-6-2         | 55 | 76  | 83  | 88  | 91   | 87   | 80   | 69   | 100-4-15        | 74 | 94  | 102 | 107 | 109  | 106  | 99   | 88   |
| 90-12-2 (2v)   | 40 | 61  | 68  | 73  | 76   | 72   | 65   | 54   | 100-8-15 (2v)   | 59 | 79  | 87  | 92  | 94   | 91   | 84   | 73   |
| 90-6-3         | 56 | 77  | 84  | 89  | 92   | 88   | 81   | 70   | 100-4-20        | 75 | 95  | 103 | 108 | 110  | 107  | 100  | 89   |
| 90-12-3 (2v)   | 41 | 62  | 69  | 74  | 77   | 73   | 66   | 55   | 100-8-20 (2v)   | 60 | 80  | 88  | 93  | 95   | 92   | 85   | 74   |
| 90-6-4         | 57 | 78  | 85  | 90  | 93   | 89   | 82   | 71   | 100-6-3         | 62 | 82  | 90  | 95  | 97   | 94   | 87   | 76   |
| 90-12-4 (2v)   | 42 | 63  | 70  | 75  | 78   | 74   | 67   | 56   | 100-12-3 (2v)   | 47 | 67  | 75  | 80  | 82   | 79   | 72   | 61   |
| 90-8-1         | 49 | 70  | 77  | 82  | 85   | 81   | 74   | 63   | 100-6-4         | 63 | 83  | 91  | 96  | 98   | 95   | 88   | 77   |
| 90-8-1,5       | 50 | 71  | 78  | 83  | 86   | 82   | 75   | 64   | 100-12-4 (2v)   | 48 | 68  | 76  | 81  | 83   | 80   | 73   | 62   |
| 90-8-2         | 51 | 72  | 79  | 84  | 87   | 83   | 76   | 65   | 100-6-5,5       | 64 | 84  | 92  | 97  | 99   | 96   | 89   | 78   |
| 90-8-3         | 52 | 73  | 80  | 85  | 88   | 84   | 77   | 66   | 100-12-5,5 (2v) | 49 | 69  | 77  | 82  | 84   | 81   | 74   | 63   |
| 100-4-7,5      | 72 | 92  | 100 | 105 | 107  | 104  | 97   | 86   | 100-8-1,5       | 56 | 76  | 84  | 89  | 91   | 88   | 81   | 70   |
| 100-8-7,5 (2v) | 57 | 77  | 85  | 90  | 92   | 89   | 82   | 71   | 100-8-2         | 57 | 77  | 85  | 90  | 92   | 89   | 82   | 71   |
| 100-4-10       | 73 | 93  | 101 | 106 | 108  | 105  | 98   | 87   | 100-8-3         | 57 | 77  | 85  | 90  | 92   | 89   | 82   | 71   |
| 100-8-10 (2v)  | 58 | 78  | 86  | 91  | 93   | 90   | 83   | 72   | 100-8-4         | 58 | 78  | 86  | 91  | 93   | 90   | 83   | 72   |

## Dimensions in mm

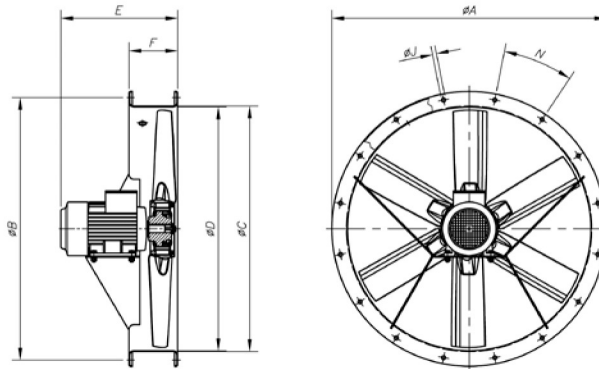
HCH



| Model     | ØA   | ØB   | ØC   | ØD   | E    |      |     |      |     |     |     |     |     |     |     |     |     |    |     | F  | ØJ          | N |
|-----------|------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|-------------|---|
|           |      |      |      |      | 0,16 | 0,33 | 0,5 | 0,75 | 1   | 1,5 | 2   | 3   | 4   | 5,5 | 7,5 | 10  | 15  | 20 |     |    |             |   |
| HCH-35-2  | 425  | 395  | 358  | 355  | -    | -    | 285 | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 110 | 10 | 8 X 45°     |   |
| HCH-35-4  | 425  | 395  | 358  | 355  | 257  | -    | -   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 110 | 10 | 8 X 45°     |   |
| HCH-40-2  | 490  | 450  | 414  | 410  | -    | -    | -   | -    | -   | 314 | -   | -   | -   | -   | -   | -   | -   | -  | 120 | 12 | 8 X 45°     |   |
| HCH-40-4  | 490  | 450  | 414  | 410  | -    | 295  | -   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 120 | 12 | 8 X 45°     |   |
| HCH-45-4  | 540  | 500  | 464  | 460  | -    | -    | 280 | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 120 | 12 | 8 X 45°     |   |
| HCH-45-6  | 540  | 500  | 464  | 460  | -    | 280  | -   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 120 | 12 | 8 X 45°     |   |
| HCH-56-4  | 660  | 620  | 564  | 560  | -    | -    | -   | 310  | 310 | 330 | 350 | -   | -   | -   | -   | -   | -   | -  | 120 | 12 | 12 X 30°    |   |
| HCH-56-6  | 660  | 620  | 564  | 560  | -    | 285  | 310 | 310  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 120 | 12 | 12 X 30°    |   |
| HCH-63-4  | 730  | 690  | 645  | 640  | -    | -    | -   | -    | 325 | 325 | 355 | 405 | 405 | -   | -   | -   | -   | -  | 150 | 12 | 12 X 30°    |   |
| HCH-63-6  | 730  | 690  | 645  | 640  | -    | -    | 325 | 325  | 335 | -   | -   | -   | -   | -   | -   | -   | -   | -  | 150 | 12 | 12 X 30°    |   |
| HCH-71-4  | 810  | 770  | 715  | 710  | -    | -    | -   | -    | -   | 330 | 350 | 415 | 415 | -   | -   | -   | -   | -  | 150 | 12 | 16 X 22°30' |   |
| HCH-71-6  | 810  | 770  | 715  | 710  | -    | -    | -   | 315  | 330 | 350 | -   | -   | -   | -   | -   | -   | -   | -  | 150 | 12 | 16 X 22°30' |   |
| HCH-80-4  | 900  | 860  | 805  | 800  | -    | -    | -   | -    | -   | -   | 425 | 425 | 445 | -   | -   | -   | -   | -  | 180 | 12 | 16 X 22°30' |   |
| HCH-80-6  | 900  | 860  | 805  | 800  | -    | -    | -   | -    | 355 | 375 | 425 | 445 | -   | -   | -   | -   | -   | -  | 180 | 12 | 16 X 22°30' |   |
| HCH-80-8  | 900  | 860  | 805  | 800  | -    | -    | 380 | 380  | 410 | -   | -   | -   | -   | -   | -   | -   | -   | -  | 180 | 12 | 16 X 22°30' |   |
| HCH-90-4  | 1015 | 970  | 906  | 900  | -    | -    | -   | -    | -   | -   | -   | 425 | 430 | 465 | 465 | -   | -   | -  | 180 | 15 | 16 X 22°30' |   |
| HCH-90-6  | 1015 | 970  | 906  | 900  | -    | -    | -   | -    | -   | -   | 425 | 430 | 465 | -   | -   | -   | -   | -  | 180 | 15 | 16 X 22°30' |   |
| HCH-90-8  | 1015 | 970  | 906  | 900  | -    | -    | -   | -    | 410 | 410 | 395 | 460 | -   | -   | -   | -   | -   | -  | 180 | 15 | 16 X 22°30' |   |
| HCH-100-4 | 1115 | 1070 | 1006 | 1000 | -    | -    | -   | -    | -   | -   | -   | -   | -   | 480 | 480 | 590 | 590 | -  | 200 | 15 | 16 X 22°30' |   |
| HCH-100-6 | 1115 | 1070 | 1006 | 1000 | -    | -    | -   | -    | -   | -   | -   | 440 | 480 | 480 | -   | -   | -   | -  | 200 | 15 | 16 X 22°30' |   |
| HCH-100-8 | 1115 | 1070 | 1006 | 1000 | -    | -    | -   | -    | -   | 405 | 405 | 470 | 470 | -   | -   | -   | -   | -  | 200 | 15 | 16 X 22°30' |   |

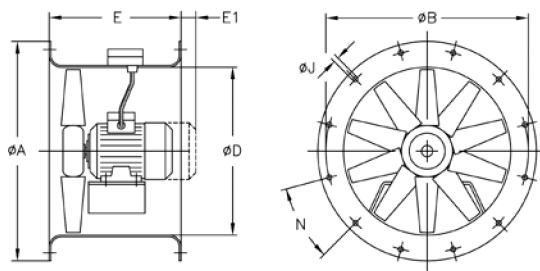
**Dimensions in mm**

**HFT**



| Model     | øA   | øB   | øC   | øD   | E    |     |      |     |     |     |     |     |     |     |     |     |     | F   | øJ  | N         |           |
|-----------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----------|
|           |      |      |      |      | 0,33 | 0,5 | 0,75 | 1   | 1,5 | 2   | 3   | 4   | 5,5 | 7,5 | 10  | 15  | 20  |     |     |           |           |
| HFT-56-4  | 660  | 620  | 564  | 560  | -    | -   | 344  | 344 | 376 | 376 | -   | -   | -   | -   | -   | -   | -   | 150 | 12  | 12x30°    |           |
| HFT-56-6  | 660  | 620  | 564  | 560  | 310  | 344 | 344  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 150 | 12  | 12x30°    |           |
| HFT-63-4  | 730  | 690  | 645  | 640  | -    | -   | -    | 325 | 398 | 398 | 430 | 430 | -   | -   | -   | -   | -   | 150 | 12  | 12x30°    |           |
| HFT-63-6  | 730  | 690  | 645  | 640  | -    | 325 | 325  | 398 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 150 | 12  | 12x30°    |           |
| HFT-71-4  | 810  | 770  | 715  | 710  | -    | -   | -    | -   | 400 | 400 | 440 | 440 | -   | -   | -   | -   | -   | 150 | 12  | 16x22°30' |           |
| HFT-71-6  | 810  | 770  | 715  | 710  | -    | -   | 325  | 400 | 400 | -   | -   | -   | -   | -   | -   | -   | -   | 150 | 12  | 16x22°30' |           |
| HFT-80-4  | 900  | 860  | 805  | 800  | -    | -   | -    | -   | -   | -   | 425 | 425 | 445 | -   | -   | -   | -   | 180 | 12  | 16x22°30' |           |
| HFT-80-6  | 900  | 860  | 805  | 800  | -    | -   | -    | 390 | 390 | 425 | 445 | -   | -   | -   | -   | -   | -   | 180 | 12  | 16x22°30' |           |
| HFT-80-8  | 900  | 860  | 805  | 800  | -    | 390 | 390  | 425 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 180 | 12  | 16x22°30' |           |
| HFT-90-4  | 1015 | 970  | 906  | 900  | -    | -   | -    | -   | -   | -   | -   | 430 | 440 | 470 | 470 | -   | -   | 180 | 15  | 16x22°30' |           |
| HFT-90-6  | 1015 | 970  | 906  | 900  | -    | -   | -    | -   | -   | 430 | 440 | 470 | -   | -   | -   | -   | -   | 180 | 15  | 16x22°30' |           |
| HFT-90-8  | 1015 | 970  | 906  | 900  | -    | -   | -    | 430 | 430 | 440 | 470 | -   | -   | -   | -   | -   | -   | 180 | 15  | 16x22°30' |           |
| HFT-100-4 | 1115 | 1070 | 1006 | 1000 | -    | -   | -    | -   | -   | -   | -   | -   | -   | -   | 485 | 485 | 590 | 590 | 200 | 15        | 16x22°30' |
| HFT-100-6 | 1115 | 1070 | 1006 | 1000 | -    | -   | -    | -   | -   | -   | 440 | 485 | 485 | -   | -   | -   | -   | 200 | 15  | 16x22°30' |           |
| HFT-100-8 | 1115 | 1070 | 1006 | 1000 | -    | -   | -    | -   | 420 | 440 | 485 | 485 | -   | -   | -   | -   | -   | 200 | 15  | 16x22°30' |           |

**HCT**



| Model         | øA   | øB   | øD   | E   | E1 | øJ | N         |
|---------------|------|------|------|-----|----|----|-----------|
| HCT-25        | 310  | 280  | 240  | 230 | 10 | 10 | 4x90°     |
| HCT-31        | 350  | 320  | 280  | 270 | -  | 10 | 4x90°     |
| HCT-35        | 425  | 395  | 355  | 280 | -  | 10 | 8x45°     |
| HCT-40        | 490  | 450  | 410  | 320 | -  | 12 | 8x45°     |
| HCT-45        | 540  | 500  | 460  | 360 | -  | 12 | 8x45°     |
| HCT-50        | 600  | 560  | 514  | 360 | -  | 12 | 12x30°    |
| HCT-56        | 660  | 620  | 560  | 400 | -  | 12 | 12x30°    |
| HCT-63        | 730  | 690  | 640  | 430 | -  | 12 | 12x30°    |
| HCT-71        | 810  | 770  | 710  | 500 | -  | 12 | 16x22°30' |
| HCT-80        | 900  | 860  | 800  | 500 | -  | 12 | 16x22°30' |
| HCT-90        | 1015 | 970  | 900  | 500 | -  | 15 | 16x22°30' |
| HCT-100       | 1115 | 1070 | 1000 | 550 | -  | 15 | 16x22°30' |
| HCT-100-4T-15 | 1115 | 1070 | 1000 | 650 | -  | 15 | 16x22°30' |
| HCT-100-4T-20 | 1115 | 1070 | 1000 | 650 | -  | 15 | 16x22°30' |



## CATALOGUE AXIAL FLOW FANS



**HC GROEP**

HC PS | CAR PARK VENTILATION





## Introduction HC Groep

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HC Groep is a young dynamic group of companies that invests to make its products more innovative in terms of efficiency and sustainability. The group was founded in 1995 and now consists of seven divisions. Two companies, HC PS and HC Barcol-Air, are now exporting their products and knowledge abroad. The group currently employs approximately 167 people with an annual turnover of € 47,500,000, 17% of which is from exports.

HC Groep is specialised in seven product groups:

- Holland Conditioning (Chillers)
- HC PS (Car park ventilation)
- HC KP (Chilled ceilings)
- HC DV (Roof Extract Fans)
- HC Barcol-Air (Air distribution)
- HC RT (Controls)
- HC TS (Staircase pressurising systems)



The group acquired PSB's car park ventilation activities in 2003. PSB employees have been involved in car park ventilation systems from the earliest days of thrust fan ventilation. In 2003, HC PS's R&D department also developed the first revolutionary INDUCTION fans. Based on the experience gained from our projects, feedback of the clients and extensive tests, we developed an improved second generation in 2007 that suits its purpose even better.

HC PS has successfully designed and installed over 2000 car park ventilation systems in more than 14 countries. In doing so, the company and its engineers have gained unique knowledge in creating innovative tailored solutions to improve the performance of many systems and provide cost benefits during the investment and operation phases. We have since shared our knowledge with our carefully selected distributors. Our solutions are always competitive and innovative compared to other ventilation systems, as we do not just apply the regulations but strive to meet the objectives. We provide you with a tailored solution for your car park that meets your requirements.

## HC PS

**HC PS:** Cased axial fans 300°C/2h



Detail HC PS

Short casing axial fans for working inside fire danger zones.

**Fan:**

- Sheet steel short casing.
- Turnable cast aluminium impellers.
- Approval according to Standard EN-12101-3-2002, certificate no.: 0370-CPR-1686.
- Airflow direction from motor to impeller.



**Motor:**

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection and one or two speeds, depending on the model.
- Three-phase 230/400V. 50Hz. (up to 4CV.) and 400/690V. 50Hz. (power over 4CV.)
- Max. temperature of air for transport: S1 Service -20°C + 40°C for ongoing use. S2 Service 300°C/2h.

**Finish:**

- Anticorrosive finish in polyester resin, polymerized at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

**On request:**

- Long casing fans with inspection hatch.
- 100% reversible impellers.

### Order code

From size 40 tot 100

|   |   |                          |   |   |   |                    |   |   |
|---|---|--------------------------|---|---|---|--------------------|---|---|
| <b>HC PS</b>  | - | <b>56</b>                | - | <b>4T</b>   | - | <b>2</b>           | - | <b>F-300</b>                                  |
| ↓   |   | ↓                        |   | ↓   |   | ↓                  |   | ↓   |
| HC PS:<br>Short cased axial fans 300°C/2h.  |   | Impeller diameter in cm. |   | Number of motor poles:<br>2 = 2900 r/min. 50 Hz<br>4 = 1400 r/min. 50 Hz<br>6 = 900 r/min. 50 Hz<br>8 = 750 r/min. 50 Hz<br>12 = 500 r/min. 50 Hz |   | Motor power (c.v.) |   | F-300 Officially approved tested for 300°C/2h |
| HC PS:<br>Short cased axial fans 300°C/2h   |   |                          |   | T=Three-phase   |   |                    |   |   |
| HC PS/CL:<br>Long cased axial fans 300°C/2h with long casing, equipped with an inspection door. |   |                          |   |   |   |                    |   |   |

From size 125 tot 160

|  |   |                          |   |  |   |   |   |   |
|--|---|--------------------------|---|--|---|---|---|---|
| <b>HC PS</b>   | - | <b>125</b>               | - | <b>4T/9-10</b>   | - | <b>15</b>   | - | <b>F-300</b>                                  |
| ↓  |   | ↓                        |   | ↓  |   | ↓   |   | ↓   |
| HC PS: Short cased axial fans 300°C/2h.  |   | Impeller diameter in cm. |   | Number of motor poles<br>2 = 2900 r/min. 50 Hz<br>4 = 1400 r/min. 50 Hz<br>6 = 900 r/min. 50 Hz<br>8 = 750 r/min. 50 Hz<br>12 = 500 r/min. 50 Hz |   | Number of blades:<br>3 blades<br>6 blades<br>9 blades |   | Motor power (c.v.)                            |
| HC PS/CL: Long cased axial fans 300°C/2h with long casing, equipped with an inspection door. |   |                          |   | T=Three-phase  |   | Angle of inclination of the blades                    |   | F-300 Officially approved tested for 300°C/2h |

## Accessories

### RT



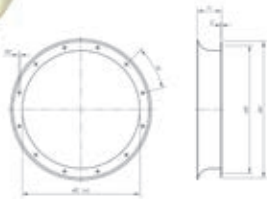
### RT Protection guard for inlet or outlet of long-cased axial fans

| Model   | HEPT | HCT | HGT | HPX | Model | HEPT | HCT | HGT | HPX | Model     | HEPT | HCT | HGT | HPX |
|---------|------|-----|-----|-----|-------|------|-----|-----|-----|-----------|------|-----|-----|-----|
| RT-25   | -    | 25  | -   | -   | RT-45 | 45   | 45  | -   | 45  | RT-80     | -    | 80  | -   | 80  |
| RT-31/B | -    | 31  | -   | -   | RT-50 | 50   | 50  | -   | 50  | RT-90     | -    | 90  | -   | 90  |
| RT-31   | 31   | -   | -   | -   | RT-56 | 56   | 56  | -   | 56  | RT-100    | -    | 100 | -   | 100 |
| RT-35   | 35   | 35  | -   | 35  | RT-63 | 63   | 63  | -   | 63  | RT-125    | -    | -   | 125 | -   |
| RT-40   | 40   | 40  | -   | -   | RT-71 | -    | 71  | -   | 71  | RT-125/CC | -    | -   | 125 | -   |

### PV



### PV Inlet hood



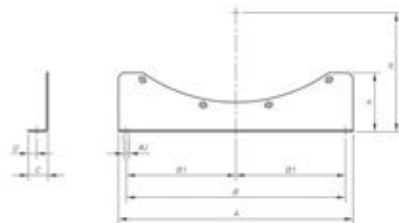
| Model | øA  | øB  | øD  | ød | E   | M        | H   | Model  | øA   | øB   | øD   | ød | E | M        | H   |
|-------|-----|-----|-----|----|-----|----------|-----|--------|------|------|------|----|---|----------|-----|
| PV-31 | 398 | 355 | 320 | 10 | 1.5 | 8x45°    | 165 | PV-80  | 904  | 860  | 797  | 12 | 2 | 16x22.5° | 250 |
| PV-35 | 438 | 395 | 359 | 10 | 1.5 | 8x45°    | 165 | PV-90  | 1004 | 970  | 894  | 14 | 2 | 16x22.5° | 250 |
| PV-40 | 484 | 450 | 401 | 12 | 1.5 | 8x45°    | 165 | PV-100 | 1105 | 1070 | 1003 | 14 | 2 | 16x22.5° | 250 |
| PV-45 | 534 | 500 | 450 | 12 | 1.5 | 8x45°    | 165 | PV-125 | 1370 | 1320 | 1240 | 14 | 2 | 20x18°   | 250 |
| PV-50 | 584 | 560 | 504 | 12 | 1.5 | 12x30°   | 165 | PV-140 | 1533 | 1470 | 1413 | 15 | 3 | 20x18°   | 250 |
| PV-56 | 664 | 620 | 565 | 12 | 1.5 | 12x30°   | 165 | PV-160 | 1705 | 1680 | 1585 | 19 | 3 | 24x15°   | 315 |
| PV-63 | 734 | 690 | 634 | 12 | 1.5 | 12x30°   | 165 | PV-180 | 1908 | 1830 | 1788 | 19 | 3 | 24x15°   | 315 |
| PV-71 | 812 | 770 | 711 | 12 | 2   | 16x22.5° | 250 | PV-200 | 2113 | 2080 | 1993 | 19 | 3 | 24x15°   | 315 |

### PS



### PS Support stands for long-cased fans. Features:

- When fixed to the flange, it allows the fan to be fixed to flat surfaces.



| Model    | A    | B   | B1  | C  | D    | h   | H     | ØJ | Applies to the models |     |     |     |     |     |
|----------|------|-----|-----|----|------|-----|-------|----|-----------------------|-----|-----|-----|-----|-----|
|          |      |     |     |    |      |     |       |    | HEPT                  | HCT | HGT | HPX | THT |     |
| PS-25/31 | 275  | 225 | -   | 25 | 10,5 | 90  | 165   | 10 | -                     | 25  | -   | -   | -   | -   |
|          | 275  | 225 | -   | 25 | 10,5 | 90  | 191,5 | 10 | -                     | 31  | -   | -   | -   | -   |
|          | 275  | 225 | -   | 25 | 10,5 | 90  | 205   | 10 | 31                    | -   | -   | -   | -   | -   |
| PS-35/40 | 240  | 200 | -   | 30 | 13   | 60  | 230   | 10 | 35                    | 35  | -   | -   | 35  | -   |
|          | 240  | 200 | -   | 30 | 13   | 60  | 255,5 | 10 | 40                    | 40  | -   | -   | 40  | 40  |
| PS-45/50 | 450  | 400 | 200 | 35 | 14,5 | 125 | 278   | 12 | 45                    | 45  | -   | -   | 45  | 45  |
|          | 450  | 400 | 200 | 35 | 14,5 | 125 | 305   | 12 | 50                    | 50  | -   | -   | 50  | 50  |
| PS-56/63 | 520  | 430 | 215 | 40 | 17   | 155 | 338   | 13 | 56                    | 56  | -   | -   | 56  | 56  |
|          | 520  | 430 | 215 | 40 | 17   | 155 | 385,5 | 13 | 63                    | 63  | -   | -   | 63  | 63  |
| PS-71    | 490  | 450 | 225 | 50 | 21   | 150 | 445   | 13 | -                     | 71  | -   | -   | 71  | 71  |
| PS-80    | 600  | 560 | 280 | 50 | 21   | 150 | 490   | 13 | -                     | 80  | -   | -   | 80  | 80  |
| PS-90    | 620  | 560 | 280 | 60 | 28   | 175 | 547,5 | 18 | -                     | 90  | -   | -   | 90  | 90  |
| PS-100   | 680  | 560 | 280 | 60 | 28   | 185 | 597,5 | 18 | -                     | 100 | -   | -   | 100 | 100 |
| PS-125   | 1000 | 900 | 300 | 60 | 28   | 285 | 726,5 | 18 | -                     | -   | 125 | -   | -   | 125 |

# Axial Flow Fans

## Technical characteristics

| Model               | Speed<br>(r/min) | Maximum admissible<br>current (A) |      |      | Power<br>installed<br>(kW) | Tilting angle<br>blades<br>(°) | Airflow<br>maximum<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx. weight<br>(Kg) |       |
|---------------------|------------------|-----------------------------------|------|------|----------------------------|--------------------------------|------------------------------|----------------------------------|------------------------|-------|
|                     |                  | 230V                              | 400V | 690V |                            |                                |                              |                                  | Long                   | Short |
| HC PS-40-2/4T-1,5   | 2900 / 1450      | 2.90 / 1.10                       |      |      | 1.10 / 0.25                | 20                             | 7050 / 3525                  | 76 / 61                          | 34                     | 32    |
| HC PS-40-2/4T-2     | 2940 / 1460      | 4.40 / 1.40                       |      |      | 1.50 / 0.37                | 24                             | 7950 / 3975                  | 77 / 62                          | 35                     | 33    |
| HC PS-40-4T-0,75    | 1420             | 2.90                              | 1.70 |      | 0.55                       | 32                             | 4800                         | 64                               | 32                     | 29    |
| HC PS-40-6T-0,75    | 930              | 3.30                              | 1.90 |      | 0.55                       | 32                             | 3150                         | 53                               | 37                     | 34    |
| HC PS-40-6/12T-0,75 | 940 / 460        | 2.10 / 0.90                       |      |      | 0.55 / 0.09                | 32                             | 3150 / 1575                  | 53 / 38                          | 41                     | 38    |
| HC PS-45-2/4T-2     | 2940 / 1460      | 4.40 / 1.40                       |      |      | 1.50 / 0.37                | 16                             | 9400 / 4700                  | 78 / 63                          | 37                     | 34    |
| HC PS-45-2/4T-3     | 2930 / 1450      | 5.70 / 1.80                       |      |      | 2.20 / 0.60                | 22                             | 11350 / 5675                 | 80 / 65                          | 39                     | 36    |
| HC PS-45-4T-0,75    | 1420             | 2.90                              | 1.70 |      | 0.55                       | 36                             | 7450                         | 68                               | 34                     | 30    |
| HC PS-45-6T-0,75    | 930              | 3.30                              | 1.90 |      | 0.55                       | 30                             | 4450                         | 55                               | 38                     | 35    |
| HC PS-45-6/12T-0,75 | 940 / 460        | 2.10 / 0.90                       |      |      | 0.55 / 0.09                | 30                             | 4450 / 2225                  | 55 / 40                          | 42                     | 39    |
| HC PS-50-2/4T-4     | 2920 / 1440      | 6.70 / 2.00                       |      |      | 3.00 / 0.80                | 16                             | 13900 / 6950                 | 82 / 67                          | 51                     | 44    |
| HC PS-50-2/4T-6     | 2930 / 1450      | 10.00 / 3.20                      |      |      | 4.50 / 1.30                | 20                             | 15900 / 7950                 | 83 / 68                          | 67                     | 60    |
| HC PS-50-4T-1       | 1430             | 3.80                              | 2.20 |      | 0.75                       | 28                             | 9750                         | 69                               | 37                     | 33    |
| HC PS-50-6T-0,75    | 930              | 3.30                              | 1.90 |      | 0.55                       | 32                             | 7000                         | 57                               | 40                     | 36    |
| HC PS-50-6/12T-0,75 | 940 / 460        | 2.10 / 0.90                       |      |      | 0.55 / 0.09                | 32                             | 7000 / 3500                  | 57 / 42                          | 44                     | 40    |
| HC PS-56-2/4T-6     | 2930 / 1450      | 10.00 / 3.20                      |      |      | 4.50 / 1.30                | 16                             | 18800 / 9400                 | 88 / 72                          | 71                     | 63    |
| HC PS-56-2/4T-12    | 2920 / 1440      | 18.50 / 5.50                      |      |      | 9.00 / 2.50                | 30                             | 27200 / 13600                | 89 / 74                          | 137                    | 129   |
| HC PS-56-4T-1       | 1430             | 3.80                              | 2.20 |      | 0.75                       | 22                             | 11250                        | 73                               | 45                     | 40    |
| HC PS-56-4T-1,5     | 1420             | 4.70                              | 2.70 |      | 1.10                       | 30                             | 13600                        | 74                               | 44                     | 40    |
| HC PS-56-4/8T-1,5   | 1440 / 710       | 2.90 / 1.40                       |      |      | 1.10 / 0.25                | 30                             | 13600 / 6800                 | 74 / 59                          | 48                     | 43    |
| HC PS-56-4T-2       | 1425             | 6.60                              | 3.80 |      | 1.50                       | 36                             | 15050                        | 75                               | 48                     | 43    |
| HC PS-56-4/8T-2     | 1415 / 715       | 3.60 / 1.50                       |      |      | 1.50 / 0.30                | 36                             | 15050 / 7525                 | 75 / 60                          | 59                     | 55    |
| HC PS-56-6T-0,75    | 930              | 3.30                              | 1.90 |      | 0.55                       | 38                             | 10150                        | 62                               | 44                     | 39    |
| HC PS-56-6/12T-0,75 | 940 / 460        | 2.10 / 0.90                       |      |      | 0.55 / 0.09                | 38                             | 10150 / 5075                 | 62 / 47                          | 48                     | 43    |
| HC PS-63-2/4T-12    | 2920 / 1440      | 18.50 / 5.50                      |      |      | 9.00 / 2.50                | 18                             | 32300 / 16150                | 90 / 75                          | 151                    | 133   |
| HC PS-63-2/4T-22    | 2960 / 1480      | 32.30 / 8.90                      |      |      | 16.00 / 4.00               | 28                             | 39950 / 19975                | 91 / 76                          | 188                    | 170   |
| HC PS-63-4T-1       | 1430             | 3.80                              | 2.20 |      | 0.75                       | 14                             | 15200                        | 73                               | 49                     | 43    |
| HC PS-63-4T-1,5     | 1420             | 4.70                              | 2.70 |      | 1.10                       | 20                             | 17800                        | 74                               | 51                     | 45    |
| HC PS-63-4/8T-1,5   | 1440 / 710       | 2.90 / 1.40                       |      |      | 1.10 / 0.25                | 20                             | 17800 / 8900                 | 74 / 59                          | 55                     | 49    |
| HC PS-63-4T-2       | 1425             | 6.60                              | 3.80 |      | 1.50                       | 24                             | 19300                        | 75                               | 55                     | 49    |
| HC PS-63-4/8T-2     | 1415 / 715       | 3.60 / 1.50                       |      |      | 1.50 / 0.30                | 24                             | 19300 / 9650                 | 75 / 60                          | 70                     | 60    |
| HC PS-63-4T-3       | 1435             | 9.20                              | 5.30 |      | 2.20                       | 32                             | 22150                        | 76                               | 64                     | 54    |
| HC PS-63-4/8T-3     | 1415 / 715       | 5.20 / 1.90                       |      |      | 2.20 / 0.45                | 32                             | 22150 / 11075                | 76 / 61                          | 77                     | 66    |
| HC PS-63-4T-4       | 1430             | 11.40                             | 6.60 |      | 3.00                       | 38                             | 24250                        | 77                               | 73                     | 63    |
| HC PS-63-4/8T-4     | 1420 / 705       | 6.90 / 2.30                       |      |      | 3.00 / 0.60                | 38                             | 24250 / 12125                | 77 / 62                          | 86                     | 77    |
| HC PS-63-6T-0,75    | 930              | 3.30                              | 1.90 |      | 0.55                       | 28                             | 13600                        | 65                               | 51                     | 45    |
| HC PS-63-6/12T-0,75 | 940 / 460        | 2.10 / 0.90                       |      |      | 0.55 / 0.09                | 28                             | 13600 / 6800                 | 65 / 50                          | 55                     | 49    |
| HC PS-63-6T-1       | 940              | 4.40                              | 2.60 |      | 0.75                       | 38                             | 15900                        | 66                               | 54                     | 48    |
| HC PS-63-6/12T-1    | 935 / 430        | 2.50 / 1.03                       |      |      | 0.75 / 0.15                | 38                             | 15900 / 7950                 | 66 / 51                          | 61                     | 55    |
| HC PS-71-4T-1,5     | 1420             | 4.70                              | 2.70 |      | 1.10                       | 12                             | 19500                        | 78                               | 58                     | 52    |
| HC PS-71-4/8T-1,5   | 1440 / 710       | 2.90 / 1.40                       |      |      | 1.10 / 0.25                | 12                             | 19500 / 9750                 | 78 / 63                          | 61                     | 56    |
| HC PS-71-4T-2       | 1425             | 6.60                              | 3.80 |      | 1.50                       | 14                             | 20900                        | 79                               | 61                     | 56    |
| HC PS-71-4/8T-2     | 1415 / 715       | 3.60 / 1.50                       |      |      | 1.50 / 0.30                | 14                             | 20900 / 10450                | 79 / 64                          | 76                     | 67    |
| HC PS-71-4T-3       | 1435             | 9.20                              | 5.30 |      | 2.20                       | 22                             | 25100                        | 81                               | 70                     | 61    |
| HC PS-71-4/8T-3     | 1415 / 715       | 5.20 / 1.90                       |      |      | 2.20 / 0.45                | 22                             | 25100 / 12550                | 81 / 66                          | 82                     | 74    |
| HC PS-71-4T-4       | 1430             | 11.40                             | 6.60 |      | 3.00                       | 28                             | 27500                        | 82                               | 79                     | 70    |
| HC PS-71-4/8T-4     | 1420 / 705       | 6.90 / 2.30                       |      |      | 3.00 / 0.60                | 28                             | 27500 / 13750                | 82 / 67                          | 92                     | 83    |
| HC PS-71-6T-0,75    | 930              | 3.30                              | 1.90 |      | 0.55                       | 20                             | 16100                        | 67                               | 57                     | 52    |
| HC PS-71-6/12T-0,75 | 940 / 460        | 2.10 / 0.90                       |      |      | 0.55 / 0.09                | 20                             | 16100 / 8050                 | 67 / 52                          | 61                     | 56    |
| HC PS-71-6T-1       | 940              | 4.40                              | 2.60 |      | 0.75                       | 26                             | 17300                        | 68                               | 61                     | 55    |
| HC PS-71-6/12T-1    | 935 / 430        | 2.50 / 1.03                       |      |      | 0.75 / 0.15                | 26                             | 17300 / 8650                 | 68 / 53                          | 67                     | 62    |
| HC PS-71-6T-1,5     | 945              | 6.40                              | 3.70 |      | 1.10                       | 34                             | 19950                        | 69                               | 69                     | 61    |
| HC PS-71-6/12T-1,5  | 940 / 450        | 3.30 / 1.20                       |      |      | 1.10 / 0.18                | 34                             | 19950 / 9975                 | 69 / 54                          | 77                     | 69    |
| HC PS-80-4T-3       | 1435             | 9.20                              | 5.30 |      | 2.20                       | 12                             | 25450                        | 82                               | 79                     | 69    |

# Axial Flow Fans

## Technical characteristics

| Model               | Speed<br>(r/min) | Maximum admissible<br>current (A) |       |       | Power<br>installed<br>(kW) | Tilting angle<br>blades<br>(°) | Airflow<br>maximum<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx. weight<br>(Kg) |       |
|---------------------|------------------|-----------------------------------|-------|-------|----------------------------|--------------------------------|------------------------------|----------------------------------|------------------------|-------|
|                     |                  | 230V                              | 400V  | 690V  |                            |                                |                              |                                  | Long                   | Short |
| HC PS-80-4/8T-3     | 1415 / 715       | 5.20 / 1.90                       |       |       | 2.20 / 0.45                | 12                             | 25450 / 12725                | 82 / 67                          | 91                     | 82    |
| HC PS-80-4T-4       | 1430             | 11.40                             | 6.60  |       | 3.00                       | 16                             | 30250                        | 83                               | 88                     | 78    |
| HC PS-80-4/8T-4     | 1420 / 705       | 6.90 / 2.30                       |       |       | 3.00 / 0.60                | 16                             | 30250 / 15125                | 83 / 68                          | 101                    | 92    |
| HC PS-80-4T-5,5     | 1440             |                                   | 8.40  | 4.85  | 4.00                       | 18                             | 32750                        | 84                               | 94                     | 85    |
| HC PS-80-4/8T-5,5   | 1450 / 720       | 9.40 / 3.50                       |       |       | 4.00 / 0.80                | 18                             | 32750 / 16375                | 84 / 69                          | 127                    | 118   |
| HC PS-80-6T-1,5     | 945              | 6.40                              | 3.70  |       | 1.10                       | 18                             | 21450                        | 72                               | 78                     | 69    |
| HC PS-80-6/12T-1,5  | 940 / 450        | 3.30 / 1.20                       |       |       | 1.10 / 0.18                | 18                             | 21450 / 10725                | 72 / 57                          | 86                     | 77    |
| HC PS-80-6T-2       | 945              | 7.40                              | 4.30  |       | 1.50                       | 26                             | 25950                        | 73                               | 87                     | 78    |
| HC PS-80-6/12T-2    | 960 / 470        | 4.30 / 1.70                       |       |       | 1.50 / 0.25                | 26                             | 25950 / 12975                | 73 / 58                          | 91                     | 82    |
| HC PS-80-6T-3       | 950              | 10.30                             | 5.90  |       | 2.20                       | 32                             | 29950                        | 74                               | 94                     | 84    |
| HC PS-80-6/12T-3    | 940 / 470        | 5.60 / 2.20                       |       |       | 2.20 / 0.37                | 32                             | 29950 / 14975                | 74 / 59                          | 100                    | 91    |
| HC PS-80-8T-0,75    | 700              | 3.60                              | 2.10  |       | 0.55                       | 20                             | 17550                        | 70                               | 71                     | 62    |
| HC PS-80-8T-1       | 710              | 4.80                              | 2.80  |       | 0.75                       | 28                             | 20650                        | 71                               | 78                     | 69    |
| HC PS-90-4T-4       | 1430             | 11.40                             | 6.60  |       | 3.00                       | 8                              | 33600                        | 87                               | 110                    | 93    |
| HC PS-90-4/8T-4     | 1420 / 705       | 6.90 / 2.30                       |       |       | 3.00 / 0.60                | 8                              | 33600 / 16800                | 87 / 72                          | 124                    | 106   |
| HC PS-90-4T-5,5     | 1440             |                                   | 8.40  | 4.85  | 4.00                       | 12                             | 38900                        | 89                               | 117                    | 99    |
| HC PS-90-4/8T-5,5   | 1450 / 720       | 9.40 / 3.50                       |       |       | 4.00 / 0.80                | 12                             | 38900 / 19450                | 89 / 74                          | 150                    | 132   |
| HC PS-90-4T-7,5     | 1430             |                                   | 11.50 | 6.64  | 5.50                       | 18                             | 46150                        | 91                               | 143                    | 126   |
| HC PS-90-4/8T-7,5   | 1455 / 725       | 12.80 / 4.60                      |       |       | 5.50 / 1.10                | 18                             | 46150 / 23075                | 91 / 76                          | 157                    | 140   |
| HC PS-90-4T-10      | 1460             |                                   | 17.70 | 10.22 | 7.50                       | 22                             | 50150                        | 92                               | 154                    | 137   |
| HC PS-90-6T-2       | 945              | 7.40                              | 4.30  |       | 1.50                       | 16                             | 28800                        | 77                               | 110                    | 92    |
| HC PS-90-6/12T-2    | 960 / 470        | 4.30 / 1.70                       |       |       | 1.50 / 0.25                | 16                             | 28800 / 14400                | 77 / 62                          | 114                    | 96    |
| HC PS-90-6T-3       | 950              | 10.30                             | 5.90  |       | 2.20                       | 24                             | 34000                        | 78                               | 116                    | 99    |
| HC PS-90-6/12T-3    | 940 / 470        | 5.60 / 2.20                       |       |       | 2.20 / 0.37                | 24                             | 34000 / 17000                | 78 / 63                          | 123                    | 105   |
| HC PS-90-6T-4       | 945              | 15.00                             | 8.70  |       | 3.00                       | 30                             | 38900                        | 79                               | 142                    | 124   |
| HC PS-90-6/12T-4    | 970 / 475        | 8.90 / 3.50                       |       |       | 3.00 / 0.55                | 30                             | 38900 / 19450                | 79 / 64                          | 143                    | 126   |
| HC PS-90-8T-1       | 710              | 4.80                              | 2.80  |       | 0.75                       | 18                             | 22900                        | 71                               | 100                    | 84    |
| HC PS-90-8T-2       | 700              | 9.00                              | 5.20  |       | 1.50                       | 30                             | 29500                        | 73                               | 116                    | 99    |
| HC PS-90-8T-3       | 705              | 13.20                             | 7.60  |       | 2.20                       | 32                             | 30850                        | 74                               | 134                    | 116   |
| HC PS-100-4T-7,5    | 1430             |                                   | 11.50 | 6.64  | 5.50                       | 10                             | 46850                        | 92                               | 151                    | 131   |
| HC PS-100-4/8T-7,5  | 1455 / 725       | 12.80 / 4.60                      |       |       | 5.50 / 1.10                | 10                             | 46850 / 23425                | 92 / 77                          | 165                    | 145   |
| HC PS-100-4T-10     | 1460             |                                   | 17.70 | 10.22 | 7.50                       | 16                             | 57400                        | 93                               | 162                    | 142   |
| HC PS-100-4T-15     | 1455             |                                   | 23.00 | 13.28 | 11.00                      | 22                             | 66300                        | 94                               | 215                    | 195   |
| HC PS-100-4/8T-15   | 1470 / 725       | 23.20 / 8.70                      |       |       | 11.00 / 2.80               | 22                             | 66300 / 33150                | 94 / 79                          | 215                    | 195   |
| HC PS-100-4T-20     | 1460             |                                   | 29.00 | 16.74 | 15.00                      | 28                             | 76150                        | 95                               | 230                    | 210   |
| HC PS-100-4/8T-20   | 1470 / 725       | 31.70 / 11.80                     |       |       | 15.00 / 3.80               | 28                             | 76150 / 38075                | 95 / 80                          | 230                    | 210   |
| HC PS-100-6T-3      | 950              | 10.30                             | 5.90  |       | 2.20                       | 16                             | 37600                        | 82                               | 124                    | 105   |
| HC PS-100-6/12T-3   | 940 / 470        | 5.60 / 2.20                       |       |       | 2.20 / 0.37                | 16                             | 37600 / 18800                | 82 / 67                          | 130                    | 112   |
| HC PS-100-6T-4      | 945              | 15.00                             | 8.70  |       | 3.00                       | 20                             | 41150                        | 83                               | 150                    | 130   |
| HC PS-100-6/12T-4   | 970 / 475        | 8.90 / 3.50                       |       |       | 3.00 / 0.55                | 20                             | 41150 / 20575                | 83 / 68                          | 151                    | 131   |
| HC PS-100-6T-5,5    | 970              |                                   | 11.00 | 6.35  | 4.00                       | 26                             | 47800                        | 84                               | 162                    | 142   |
| HC PS-100-6/12T-5,5 | 970 / 480        | 11.30 / 4.20                      |       |       | 4.00 / 0.65                | 26                             | 47800 / 23900                | 84 / 69                          | 162                    | 142   |
| HC PS-100-8T-2      | 700              | 9.00                              | 5.20  |       | 1.50                       | 22                             | 32900                        | 77                               | 124                    | 105   |
| HC PS-100-8T-3      | 705              | 13.20                             | 7.60  |       | 2.20                       | 30                             | 39400                        | 77                               | 142                    | 122   |
| HC PS-100-8T-4      | 710              | 15.60                             | 9.00  |       | 3.00                       | 32                             | 40550                        | 78                               | 162                    | 142   |
| HC PS-125-4T/3-10   | 1460             |                                   | 17.70 | 10.22 | 7.50                       | 8                              | 58550                        | 88                               | 243                    | 210   |
| HC PS-125-4T/3-15   | 1455             |                                   | 23.00 | 13.28 | 11.00                      | 14                             | 77750                        | 89                               | 294                    | 266   |
| HC PS-125-4/8T/3-15 | 1470 / 725       | 23.20 / 8.70                      |       |       | 11.00 / 2.80               | 14                             | 77750 / 38875                | 89 / 69                          | 294                    | 266   |
| HC PS-125-4T/3-20   | 1460             |                                   | 29.00 | 16.74 | 15.00                      | 18                             | 91450                        | 91                               | 309                    | 281   |
| HC PS-125-4/8T/3-20 | 1470 / 725       | 31.70 / 11.80                     |       |       | 15.00 / 3.80               | 18                             | 91450 / 45725                | 91 / 71                          | 309                    | 281   |
| HC PS-125-4T/3-25   | 1465             |                                   | 37.00 | 21.36 | 18.50                      | 20                             | 98350                        | 91                               | 377                    | 334   |
| HC PS-125-4T/3-30   | 1470             |                                   | 42.00 | 24.25 | 22.00                      | 24                             | 110350                       | 92                               | 391                    | 348   |
| HC PS-125-4/8T/3-37 | 1475 / 735       | 51.00 / 20.60                     |       |       | 27.00 / 6.00               | 28                             | 120700 / 60350               | 93 / 72                          | 472                    | 429   |
| HC PS-125-4T/3-40   | 1475             |                                   | 58.00 | 33.49 | 30.00                      | 30                             | 125000                       | 93                               | 472                    | 429   |
| HC PS-125-4/8T/3-40 | 1480 / 735       | 62.00 / 27.00                     |       |       | 30.00 / 10.00              | 30                             | 125000 / 62500               | 93 / 72                          | 618                    | 562   |

# Axial Flow Fans

## Technical characteristics

| Model                 | Speed<br>(r/min) | Maximum admissible<br>current (A) |               |       | Power<br>installed<br>(kW) | Tilting angle<br>blades<br>(°) | Airflow<br>maximum<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx. weight<br>(Kg) |       |
|-----------------------|------------------|-----------------------------------|---------------|-------|----------------------------|--------------------------------|------------------------------|----------------------------------|------------------------|-------|
|                       |                  | 230V                              | 400V          | 690V  |                            |                                |                              |                                  | Long                   | Short |
| HC PS-125-4T/6-20     | 1460             |                                   | 29.00         | 16.74 | 15.00                      | 10                             | 78600                        | 89                               | 318                    | 290   |
| HC PS-125-4/8T/6-20   | 1470 / 725       |                                   | 31.70 / 11.80 |       | 15.00 / 3.80               | 10                             | 78600 / 39300                | 89 / 68                          | 318                    | 290   |
| HC PS-125-4T/6-25     | 1465             |                                   | 37.00         | 21.36 | 18.50                      | 14                             | 92550                        | 90                               | 386                    | 343   |
| HC PS-125-4T/6-30     | 1470             |                                   | 42.00         | 24.25 | 22.00                      | 16                             | 98850                        | 90                               | 400                    | 357   |
| HC PS-125-4/8T/6-37   | 1475 / 735       |                                   | 51.00 / 20.60 |       | 27.00 / 6.00               | 20                             | 110900 / 55450               | 90 / 70                          | 481                    | 437   |
| HC PS-125-4T/6-40     | 1475             |                                   | 58.00         | 33.49 | 30.00                      | 22                             | 117450                       | 92                               | 481                    | 437   |
| HC PS-125-4/8T/6-40   | 1480 / 735       |                                   | 62.00 / 27.00 |       | 30.00 / 10.00              | 22                             | 117450 / 58725               | 92 / 71                          | 627                    | 571   |
| HC PS-125-4T/6-50     | 1480             |                                   | 73.00         | 42.15 | 37.00                      | 26                             | 131050                       | 93                               | 529                    | 473   |
| HC PS-125-4T/9-25     | 1465             |                                   | 37.00         | 21.36 | 18.50                      | 10                             | 79650                        | 88                               | 395                    | 352   |
| HC PS-125-4T/9-30     | 1470             |                                   | 42.00         | 24.25 | 22.00                      | 12                             | 88300                        | 89                               | 409                    | 366   |
| HC PS-125-4/8T/9-37   | 1475 / 735       |                                   | 51.00 / 20.60 |       | 27.00 / 6.00               | 16                             | 104050 / 52025               | 90 / 70                          | 490                    | 446   |
| HC PS-125-4T/9-40     | 1475             |                                   | 58.00         | 33.49 | 30.00                      | 16                             | 104050                       | 91                               | 490                    | 446   |
| HC PS-125-4/8T/9-40   | 1480 / 735       |                                   | 62.00 / 27.00 |       | 30.00 / 10.00              | 16                             | 104050 / 52025               | 91 / 71                          | 636                    | 580   |
| HC PS-125-4T/9-50     | 1480             |                                   | 73.00         | 42.15 | 37.00                      | 20                             | 118400                       | 93                               | 538                    | 482   |
| HC PS-125-6T/3-4      | 945              | 15.00                             | 8.70          |       | 3.00                       | 12                             | 46750                        | 79                               | 230                    | 197   |
| HC PS-125-6/12T/3-4   | 970 / 475        |                                   | 8.90 / 3.50   |       | 3.00 / 0.55                | 12                             | 46750 / 23375                | 79 / 64                          | 232                    | 199   |
| HC PS-125-6T/3-5,5    | 970              |                                   | 11.00         | 6.35  | 4.00                       | 16                             | 55400                        | 80                               | 242                    | 209   |
| HC PS-125-6/12T/3-5,5 | 970 / 480        |                                   | 11.30 / 4.20  |       | 4.00 / 0.65                | 16                             | 55400 / 27700                | 80 / 65                          | 243                    | 210   |
| HC PS-125-6T/3-7,5    | 970              |                                   | 14.00         | 8.08  | 5.50                       | 22                             | 68400                        | 81                               | 249                    | 216   |
| HC PS-125-6/12T/3-7,5 | 970 / 480        |                                   | 13.70 / 5.60  |       | 5.50 / 1.00                | 22                             | 68400 / 34200                | 81 / 66                          | 263                    | 230   |
| HC PS-125-6T/3-10     | 960              |                                   | 18.60         | 10.74 | 7.50                       | 28                             | 79150                        | 83                               | 274                    | 246   |
| HC PS-125-6/12T/3-10  | 970 / 480        |                                   | 19.00 / 8.00  |       | 7.50 / 1.40                | 28                             | 79150 / 39575                | 83 / 68                          | 294                    | 266   |
| HC PS-125-6T/3-15     | 955              |                                   | 26.00         | 15.01 | 11.00                      | 34                             | 87150                        | 84                               | 304                    | 276   |
| HC PS-125-6/12T/3-15  | 970 / 470        |                                   | 28.50 / 13.00 |       | 11.00 / 2.00               | 34                             | 87150 / 43575                | 84 / 69                          | 309                    | 281   |
| HC PS-125-6T/3-20     | 950              |                                   | 35.50         | 20.50 | 15.00                      | 38                             | 91650                        | 85                               | 377                    | 334   |
| HC PS-125-6T/6-5,5    | 970              |                                   | 11.00         | 6.35  | 4.00                       | 10                             | 51500                        | 77                               | 251                    | 218   |
| HC PS-125-6/12T/6-5,5 | 970 / 480        |                                   | 11.30 / 4.20  |       | 4.00 / 0.65                | 10                             | 51500 / 25750                | 77 / 62                          | 252                    | 219   |
| HC PS-125-6T/6-7,5    | 970              |                                   | 14.00         | 8.08  | 5.50                       | 14                             | 60650                        | 77                               | 258                    | 225   |
| HC PS-125-6/12T/6-7,5 | 970 / 480        |                                   | 13.70 / 5.60  |       | 5.50 / 1.00                | 14                             | 60650 / 30325                | 77 / 62                          | 272                    | 239   |
| HC PS-125-6T/6-10     | 960              |                                   | 18.60         | 10.74 | 7.50                       | 20                             | 72650                        | 79                               | 283                    | 255   |
| HC PS-125-6/12T/6-10  | 970 / 480        |                                   | 19.00 / 8.00  |       | 7.50 / 1.40                | 20                             | 72650 / 36325                | 79 / 64                          | 303                    | 275   |
| HC PS-125-6T/6-15     | 955              |                                   | 26.00         | 15.01 | 11.00                      | 26                             | 85850                        | 81                               | 313                    | 285   |
| HC PS-125-6/12T/6-15  | 970 / 470        |                                   | 28.50 / 13.00 |       | 11.00 / 2.00               | 26                             | 85850 / 42925                | 81 / 66                          | 318                    | 290   |
| HC PS-125-6T/6-20     | 950              |                                   | 35.50         | 20.50 | 15.00                      | 30                             | 92850                        | 82                               | 386                    | 343   |
| HC PS-125-6/12T/6-24  | 970 / 480        |                                   | 36.00 / 14.50 |       | 17.50 / 3.50               | 34                             | 99650 / 49825                | 82 / 67                          | 481                    | 437   |
| HC PS-125-6T/9-10     | 960              |                                   | 18.60         | 10.74 | 7.50                       | 14                             | 63500                        | 78                               | 292                    | 264   |
| HC PS-125-6/12T/9-10  | 970 / 480        |                                   | 19.00 / 8.00  |       | 7.50 / 1.40                | 14                             | 63500 / 31750                | 78 / 63                          | 312                    | 284   |
| HC PS-125-6T/9-15     | 955              |                                   | 26.00         | 15.01 | 11.00                      | 20                             | 77550                        | 81                               | 322                    | 294   |
| HC PS-125-6/12T/9-15  | 970 / 470        |                                   | 28.50 / 13.00 |       | 11.00 / 2.00               | 20                             | 77550 / 38775                | 81 / 66                          | 327                    | 299   |
| HC PS-125-6T/9-20     | 950              |                                   | 35.50         | 20.50 | 15.00                      | 26                             | 92950                        | 84                               | 395                    | 352   |
| HC PS-125-6/12T/9-24  | 970 / 480        |                                   | 36.00 / 14.50 |       | 17.50 / 3.50               | 30                             | 98500 / 49250                | 84 / 69                          | 490                    | 446   |
| HC PS-140-6T/3-5,5    | 970              |                                   | 11.00         | 6.35  | 4.00                       | 8                              | 51300                        | 83                               | 279                    | 242   |
| HC PS-140-6T/3-7,5    | 970              |                                   | 14.00         | 8.08  | 5.50                       | 14                             | 68150                        | 84                               | 287                    | 250   |
| HC PS-140-6T/3-10     | 960              |                                   | 18.60         | 10.74 | 7.50                       | 18                             | 80200                        | 85                               | 339                    | 300   |
| HC PS-140-6T/3-15     | 955              |                                   | 26.00         | 15.01 | 11.00                      | 24                             | 96700                        | 86                               | 356                    | 317   |
| HC PS-140-6T/3-20     | 950              |                                   | 35.50         | 20.50 | 15.00                      | 30                             | 109600                       | 88                               | 436                    | 386   |
| HC PS-140-6T/6-7,5    | 970              |                                   | 14.00         | 8.08  | 5.50                       | 8                              | 62800                        | 84                               | 297                    | 260   |
| HC PS-140-6T/6-10     | 960              |                                   | 18.60         | 10.74 | 7.50                       | 10                             | 68900                        | 85                               | 349                    | 310   |
| HC PS-140-6T/6-15     | 955              |                                   | 26.00         | 15.01 | 11.00                      | 16                             | 86650                        | 86                               | 366                    | 327   |
| HC PS-140-6T/6-20     | 950              |                                   | 35.50         | 20.50 | 15.00                      | 22                             | 102950                       | 87                               | 445                    | 396   |
| HC PS-140-6T/6-25     | 975              |                                   | 34.40         | 19.86 | 18.50                      | 24                             | 108750                       | 88                               | 497                    | 448   |
| HC PS-140-6T/6-30     | 975              |                                   | 41.40         | 23.90 | 22.00                      | 28                             | 119050                       | 89                               | 506                    | 457   |
| HC PS-140-6T/9-10     | 960              |                                   | 18.60         | 10.74 | 7.50                       | 8                              | 62350                        | 84                               | 358                    | 319   |
| HC PS-140-6T/9-15     | 955              |                                   | 26.00         | 15.01 | 11.00                      | 12                             | 77400                        | 86                               | 375                    | 336   |
| HC PS-140-6T/9-20     | 950              |                                   | 35.50         | 20.50 | 15.00                      | 16                             | 91200                        | 87                               | 455                    | 405   |
| HC PS-140-6T/9-25     | 975              |                                   | 34.40         | 19.86 | 18.50                      | 20                             | 103800                       | 88                               | 506                    | 458   |

# Axial Flow Fans

## Technical characteristics

| Model              | Speed<br>(r/min) | Maximum admissible<br>current (A) |        |       | Power<br>installed<br>(kW) | Tilting angle<br>blades<br>(°) | Airflow<br>maximum<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx. weight<br>(Kg) |       |
|--------------------|------------------|-----------------------------------|--------|-------|----------------------------|--------------------------------|------------------------------|----------------------------------|------------------------|-------|
|                    |                  | 230V                              | 400V   | 690V  |                            |                                |                              |                                  | Long                   | Short |
| HC PS-140-6T/9-30  | 975              |                                   | 41.40  | 23.90 | 22.00                      | 22                             | 111000                       | 89                               | 515                    | 467   |
| HC PS-140-6T/9-40  | 985              |                                   | 54.20  | 31.29 | 30.00                      | 28                             | 128800                       | 91                               | 673                    | 611   |
| HC PS-140-6T/9-50  | 980              |                                   | 66.40  | 38.34 | 37.00                      | 32                             | 135750                       | 92                               | 751                    | 696   |
| HC PS-140-8T/3-3   | 705              | 13.20                             | 7.60   |       | 2.20                       | 12                             | 47400                        | 78                               | 279                    | 242   |
| HC PS-140-8T/3-4   | 710              | 15.60                             | 9.00   |       | 3.00                       | 16                             | 56200                        | 78                               | 287                    | 250   |
| HC PS-140-8T/3-5,5 | 710              |                                   | 13.00  | 7.51  | 4.00                       | 20                             | 65350                        | 79                               | 337                    | 298   |
| HC PS-140-8T/3-7,5 | 710              |                                   | 15.10  | 8.72  | 5.50                       | 26                             | 77400                        | 81                               | 346                    | 307   |
| HC PS-140-8T/3-10  | 715              |                                   | 20.60  | 11.89 | 7.50                       | 32                             | 85900                        | 82                               | 357                    | 318   |
| HC PS-140-8T/6-3   | 705              | 13.20                             | 7.60   |       | 2.20                       | 8                              | 47600                        | 78                               | 289                    | 252   |
| HC PS-140-8T/6-4   | 710              | 15.60                             | 9.00   |       | 3.00                       | 10                             | 52250                        | 79                               | 297                    | 260   |
| HC PS-140-8T/6-5,5 | 710              |                                   | 13.00  | 7.51  | 4.00                       | 14                             | 61500                        | 80                               | 347                    | 308   |
| HC PS-140-8T/6-7,5 | 710              |                                   | 15.10  | 8.72  | 5.50                       | 18                             | 69550                        | 81                               | 356                    | 317   |
| HC PS-140-8T/6-10  | 715              |                                   | 20.60  | 11.89 | 7.50                       | 24                             | 82700                        | 82                               | 367                    | 328   |
| HC PS-140-8T/6-15  | 725              |                                   | 21.70  | 12.53 | 11.00                      | 30                             | 94150                        | 83                               | 453                    | 404   |
| HC PS-140-8T/9-4   | 710              | 15.60                             | 9.00   |       | 3.00                       | 8                              | 47250                        | 79                               | 306                    | 269   |
| HC PS-140-8T/9-5,5 | 710              |                                   | 13.00  | 7.51  | 4.00                       | 10                             | 52950                        | 79                               | 356                    | 317   |
| HC PS-140-8T/9-7,5 | 710              |                                   | 15.10  | 8.72  | 5.50                       | 14                             | 64400                        | 81                               | 365                    | 326   |
| HC PS-140-8T/9-10  | 715              |                                   | 20.60  | 11.89 | 7.50                       | 18                             | 73900                        | 82                               | 376                    | 337   |
| HC PS-140-8T/9-15  | 725              |                                   | 21.70  | 12.53 | 11.00                      | 26                             | 94300                        | 83                               | 463                    | 413   |
| HC PS-140-8T/9-20  | 725              |                                   | 32.90  | 18.99 | 15.00                      | 32                             | 102900                       | 86                               | 516                    | 468   |
| HC PS-160-6T/3-10  | 960              |                                   | 18.60  | 10.74 | 7.50                       | 8                              | 76600                        | 83                               | 412                    | 358   |
| HC PS-160-6T/3-15  | 955              |                                   | 26.00  | 15.01 | 11.00                      | 12                             | 93350                        | 85                               | 429                    | 375   |
| HC PS-160-6T/3-20  | 950              |                                   | 35.50  | 20.50 | 15.00                      | 18                             | 119700                       | 86                               | 522                    | 453   |
| HC PS-160-6T/3-25  | 975              |                                   | 34.40  | 19.86 | 18.50                      | 22                             | 136600                       | 87                               | 574                    | 504   |
| HC PS-160-6T/3-30  | 975              |                                   | 41.40  | 23.90 | 22.00                      | 24                             | 144550                       | 89                               | 583                    | 513   |
| HC PS-160-6T/6-15  | 955              |                                   | 26.00  | 15.01 | 11.00                      | 8                              | 93750                        | 85                               | 440                    | 386   |
| HC PS-160-6T/6-20  | 950              |                                   | 35.50  | 20.50 | 15.00                      | 12                             | 112000                       | 86                               | 532                    | 463   |
| HC PS-160-6T/6-25  | 975              |                                   | 34.40  | 19.86 | 18.50                      | 14                             | 121100                       | 87                               | 584                    | 515   |
| HC PS-160-6T/6-30  | 975              |                                   | 41.40  | 23.90 | 22.00                      | 16                             | 129350                       | 88                               | 593                    | 524   |
| HC PS-160-6T/6-40  | 985              |                                   | 54.20  | 31.29 | 30.00                      | 22                             | 153700                       | 89                               | 768                    | 669   |
| HC PS-160-6T/6-50  | 980              |                                   | 66.40  | 38.34 | 37.00                      | 26                             | 170800                       | 91                               | 842                    | 757   |
| HC PS-160-6T/9-15  | 955              |                                   | 26.00  | 15.01 | 11.00                      | 8                              | 93100                        | 85                               | 450                    | 396   |
| HC PS-160-6T/9-20  | 950              |                                   | 35.50  | 20.50 | 15.00                      | 8                              | 93100                        | 86                               | 542                    | 473   |
| HC PS-160-6T/9-25  | 975              |                                   | 34.40  | 19.86 | 18.50                      | 10                             | 104250                       | 87                               | 594                    | 525   |
| HC PS-160-6T/9-30  | 975              |                                   | 41.40  | 23.90 | 22.00                      | 14                             | 126800                       | 88                               | 603                    | 534   |
| HC PS-160-6T/9-40  | 985              |                                   | 54.20  | 31.29 | 30.00                      | 18                             | 145500                       | 89                               | 778                    | 679   |
| HC PS-160-6T/9-50  | 980              |                                   | 66.40  | 38.34 | 37.00                      | 20                             | 154950                       | 90                               | 852                    | 768   |
| HC PS-160-6T/9-60  | 985              |                                   | 84.50  | 48.79 | 45.00                      | 24                             | 176750                       | 91                               | 1067                   | 968   |
| HC PS-160-6T/9-75  | 985              |                                   | 100.00 | 57.74 | 55.00                      | 28                             | 192300                       | 92                               | 1112                   | 1013  |
| HC PS-160-8T/3-4   | 710              | 15.60                             | 9.00   |       | 3.00                       | 8                              | 58050                        | 77                               | 356                    | 304   |
| HC PS-160-8T/3-5,5 | 710              |                                   | 13.00  | 7.51  | 4.00                       | 12                             | 70750                        | 79                               | 410                    | 356   |
| HC PS-160-8T/3-7,5 | 710              |                                   | 15.10  | 8.72  | 5.50                       | 16                             | 83900                        | 80                               | 419                    | 365   |
| HC PS-160-8T/3-10  | 715              |                                   | 20.60  | 11.89 | 7.50                       | 20                             | 97550                        | 81                               | 430                    | 376   |
| HC PS-160-8T/3-15  | 725              |                                   | 21.70  | 12.53 | 11.00                      | 26                             | 115550                       | 83                               | 530                    | 461   |
| HC PS-160-8T/6-5,5 | 710              |                                   | 13.00  | 7.51  | 4.00                       | 8                              | 71050                        | 77                               | 421                    | 367   |

## Technical characteristics

| Model              | Speed<br>(r/min) | Maximum admissible<br>current (A) |       |       | Power<br>installed<br>(kW) | Tilting angle<br>blades<br>(°) | Airflow<br>maximum<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx. weight<br>(Kg) |       |
|--------------------|------------------|-----------------------------------|-------|-------|----------------------------|--------------------------------|------------------------------|----------------------------------|------------------------|-------|
|                    |                  | 230V                              | 400V  | 690V  |                            |                                |                              |                                  | Long                   | Short |
| HC PS-160-8T/6-7,5 | 710              |                                   | 15.10 | 8.72  | 5.50                       | 10                             | 77950                        | 79                               | 430                    | 376   |
| HC PS-160-8T/6-10  | 715              |                                   | 20.60 | 11.89 | 7.50                       | 14                             | 91800                        | 80                               | 441                    | 387   |
| HC PS-160-8T/6-15  | 725              |                                   | 21.70 | 12.53 | 11.00                      | 18                             | 103800                       | 82                               | 540                    | 471   |
| HC PS-160-8T/6-20  | 725              |                                   | 32.90 | 18.99 | 15.00                      | 24                             | 123050                       | 83                               | 594                    | 525   |
| HC PS-160-8T/6-25  | 730              |                                   | 34.90 | 20.15 | 18.50                      | 28                             | 134700                       | 84                               | 741                    | 642   |
| HC PS-160-8T/9-7,5 | 710              |                                   | 15.10 | 8.72  | 5.50                       | 8                              | 70550                        | 79                               | 440                    | 386   |
| HC PS-160-8T/9-10  | 715              |                                   | 20.60 | 11.89 | 7.50                       | 10                             | 79000                        | 80                               | 451                    | 397   |
| HC PS-160-8T/9-15  | 725              |                                   | 21.70 | 12.53 | 11.00                      | 14                             | 96100                        | 82                               | 550                    | 481   |
| HC PS-160-8T/9-20  | 725              |                                   | 32.90 | 18.99 | 15.00                      | 18                             | 110300                       | 83                               | 604                    | 535   |
| HC PS-160-8T/9-25  | 730              |                                   | 34.90 | 20.15 | 18.50                      | 22                             | 125600                       | 84                               | 751                    | 652   |
| HC PS-160-8T/9-30  | 730              |                                   | 41.10 | 23.73 | 22.00                      | 26                             | 140750                       | 85                               | 776                    | 677   |
| HC PS-160-8T/9-40  | 730              |                                   | 56.30 | 32.50 | 30.00                      | 32                             | 153550                       | 86                               | 837                    | 753   |

## Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

| Model     | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Model      | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|-----------|----|-----|-----|-----|------|------|------|------|------------|----|-----|-----|-----|------|------|------|------|
| 40-2-1.5  | 48 | 69  | 76  | 81  | 84   | 80   | 73   | 62   | 63-6-0.75  | 42 | 60  | 68  | 73  | 75   | 72   | 65   | 56   |
| 40-2-2    | 49 | 70  | 77  | 82  | 85   | 81   | 74   | 63   | 63-6-1     | 43 | 62  | 70  | 75  | 77   | 74   | 67   | 57   |
| 40-4-0.75 | 36 | 57  | 64  | 69  | 72   | 68   | 61   | 50   | 63-8-1.5   | 33 | 53  | 61  | 66  | 68   | 65   | 58   | 50   |
| 40-4-1.5  | 33 | 54  | 61  | 66  | 69   | 65   | 58   | 47   | 63-8-2     | 37 | 53  | 61  | 66  | 68   | 65   | 58   | 51   |
| 40-4-2    | 34 | 55  | 62  | 67  | 70   | 66   | 59   | 48   | 63-8-3     | 38 | 55  | 63  | 68  | 70   | 67   | 62   | 52   |
| 40-6      | 25 | 46  | 53  | 58  | 61   | 57   | 50   | 39   | 63-8-4     | 39 | 56  | 64  | 69  | 71   | 68   | 63   | 53   |
| 40-12     | 10 | 31  | 38  | 43  | 46   | 42   | 35   | 24   | 63-12-0.75 | 27 | 43  | 51  | 56  | 58   | 55   | 48   | 37   |
| 45-2-2    | 50 | 71  | 78  | 83  | 86   | 82   | 75   | 64   | 63-12-1    | 28 | 45  | 53  | 58  | 60   | 57   | 50   | 42   |
| 45-2-3    | 52 | 73  | 80  | 85  | 88   | 84   | 77   | 66   | 71-4-1.5   | 54 | 74  | 82  | 87  | 89   | 86   | 79   | 69   |
| 45-4-0.75 | 40 | 61  | 68  | 73  | 76   | 72   | 65   | 54   | 71-4-2     | 53 | 73  | 81  | 86  | 88   | 85   | 78   | 70   |
| 45-4-2    | 35 | 56  | 63  | 68  | 71   | 67   | 60   | 49   | 71-4-3     | 58 | 72  | 80  | 85  | 87   | 84   | 77   | 71   |
| 45-4-3    | 37 | 58  | 65  | 70  | 73   | 69   | 62   | 51   | 71-4-4     | 59 | 73  | 81  | 86  | 88   | 85   | 78   | 72   |
| 45-6      | 27 | 48  | 55  | 60  | 63   | 59   | 52   | 41   | 71-6-0.75  | 44 | 63  | 72  | 74  | 76   | 73   | 66   | 55   |
| 45-12     | 12 | 33  | 40  | 45  | 48   | 44   | 37   | 26   | 71-6-1     | 45 | 65  | 73  | 75  | 77   | 74   | 67   | 56   |
| 50-2-4    | 57 | 77  | 85  | 90  | 92   | 89   | 82   | 71   | 71-6-1.5   | 46 | 66  | 71  | 76  | 78   | 75   | 68   | 57   |
| 50-2-5.5  | 58 | 78  | 86  | 91  | 93   | 90   | 83   | 72   | 71-8-1.5   | 38 | 58  | 66  | 71  | 73   | 70   | 63   | 54   |
| 50-2-6    | 58 | 78  | 86  | 91  | 93   | 90   | 83   | 72   | 71-8-2     | 38 | 58  | 66  | 71  | 73   | 70   | 63   | 55   |
| 50-4-1    | 44 | 64  | 72  | 77  | 79   | 76   | 69   | 58   | 71-8-3     | 43 | 57  | 65  | 70  | 72   | 69   | 62   | 56   |
| 50-4-4    | 42 | 62  | 70  | 75  | 77   | 74   | 67   | 56   | 71-8-4     | 44 | 58  | 66  | 71  | 73   | 70   | 63   | 57   |
| 50-4-6    | 43 | 63  | 71  | 76  | 78   | 75   | 68   | 57   | 71-12-0.75 | 29 | 44  | 52  | 57  | 59   | 56   | 49   | 38   |
| 50-6      | 32 | 52  | 60  | 65  | 67   | 64   | 57   | 46   | 71-12-1    | 30 | 46  | 54  | 59  | 61   | 58   | 51   | 40   |
| 50-12     | 17 | 37  | 45  | 50  | 52   | 49   | 42   | 31   | 71-12-1.5  | 31 | 46  | 54  | 59  | 61   | 58   | 51   | 40   |
| 50-2-5.5  | 63 | 83  | 91  | 96  | 98   | 95   | 88   | 77   | 80-4-3     | 57 | 77  | 85  | 90  | 92   | 89   | 82   | 73   |
| 56-2-6    | 63 | 83  | 91  | 96  | 98   | 95   | 88   | 77   | 80-4-4     | 56 | 76  | 84  | 89  | 91   | 88   | 81   | 74   |
| 56-2-12   | 64 | 84  | 92  | 97  | 99   | 96   | 89   | 78   | 80-4-5.5   | 56 | 76  | 84  | 89  | 91   | 88   | 81   | 70   |
| 56-4-1    | 48 | 68  | 76  | 81  | 83   | 80   | 73   | 62   | 80-6-1.5   | 49 | 66  | 74  | 79  | 81   | 78   | 71   | 60   |
| 56-4-1.5  | 49 | 69  | 77  | 82  | 84   | 81   | 74   | 63   | 80-6-2     | 50 | 67  | 75  | 80  | 82   | 79   | 72   | 61   |
| 56-4-2    | 50 | 70  | 78  | 83  | 85   | 82   | 75   | 64   | 80-6-3     | 51 | 68  | 76  | 81  | 83   | 80   | 73   | 62   |
| 56-4-6    | 48 | 68  | 76  | 81  | 83   | 80   | 73   | 62   | 80-8-0.75  | 47 | 60  | 68  | 73  | 75   | 72   | 65   | 54   |
| 56-4-12   | 49 | 69  | 77  | 82  | 84   | 81   | 74   | 63   | 80-8-1     | 48 | 61  | 69  | 74  | 76   | 73   | 66   | 55   |
| 56-6      | 37 | 57  | 65  | 70  | 72   | 69   | 62   | 51   | 80-8-3     | 42 | 62  | 70  | 75  | 77   | 74   | 67   | 58   |
| 56-8-1.5  | 34 | 54  | 62  | 67  | 69   | 66   | 59   | 48   | 80-8-4     | 41 | 61  | 69  | 74  | 76   | 73   | 66   | 59   |
| 56-8-2    | 35 | 55  | 63  | 68  | 70   | 67   | 60   | 49   | 80-8-5.5   | 40 | 60  | 68  | 73  | 75   | 72   | 65   | 59   |
| 56-12     | 22 | 42  | 50  | 55  | 57   | 54   | 47   | 36   | 80-12-1.5  | 34 | 49  | 57  | 62  | 64   | 61   | 54   | 43   |
| 63-2-12   | 67 | 87  | 95  | 100 | 102  | 99   | 92   | 81   | 80-12-2    | 35 | 50  | 58  | 63  | 65   | 62   | 55   | 44   |
| 63-2-22   | 68 | 88  | 96  | 101 | 103  | 100  | 93   | 82   | 80-12-3    | 36 | 51  | 59  | 64  | 66   | 63   | 56   | 45   |
| 63-4-1    | 50 | 70  | 78  | 83  | 85   | 82   | 75   | 64   | 90-4-4     | 61 | 82  | 89  | 94  | 97   | 93   | 86   | 79   |
| 63-4-1.5  | 48 | 68  | 76  | 81  | 83   | 80   | 73   | 65   | 90-4-5.5   | 60 | 81  | 88  | 93  | 96   | 92   | 85   | 74   |
| 63-4-2    | 52 | 68  | 76  | 81  | 83   | 80   | 73   | 66   | 90-4-7.5   | 59 | 80  | 87  | 92  | 95   | 91   | 84   | 73   |
| 63-4-3    | 53 | 70  | 78  | 83  | 85   | 82   | 77   | 67   | 90-4-9     | 58 | 79  | 86  | 91  | 94   | 90   | 83   | 72   |
| 63-4-4    | 54 | 71  | 79  | 84  | 86   | 83   | 78   | 68   | 90-4-10    | 58 | 79  | 86  | 91  | 94   | 90   | 83   | 72   |
| 63-4-12   | 52 | 72  | 80  | 85  | 87   | 84   | 77   | 66   | 90-6-2     | 49 | 70  | 77  | 82  | 85   | 81   | 74   | 63   |
| 63-4-22   | 53 | 73  | 81  | 86  | 88   | 85   | 78   | 67   | 90-6-3     | 56 | 70  | 77  | 82  | 85   | 81   | 74   | 63   |



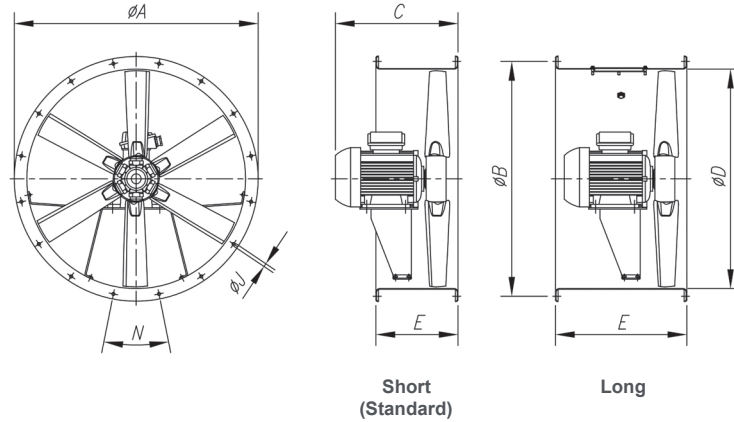
## Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

|              |    |    |    |     |     |    |    |    |             |    |      |     |     |     |    |    |    |
|--------------|----|----|----|-----|-----|----|----|----|-------------|----|------|-----|-----|-----|----|----|----|
| 90-6-4       | 57 | 72 | 79 | 84  | 87  | 83 | 76 | 65 | 125-4/9-40  | 69 | 77   | 94  | 100 | 101 | 96 | 91 | 87 |
| 90-8-1       | 42 | 63 | 70 | 75  | 78  | 74 | 67 | 56 | 125-4/9-50  | 71 | 79   | 96  | 102 | 103 | 98 | 93 | 89 |
| 90-8-2       | 51 | 66 | 73 | 78  | 81  | 77 | 70 | 59 | 125-6/9-10  | 58 | 68   | 83  | 87  | 86  | 85 | 74 | 70 |
| 90-8-3       | 52 | 66 | 73 | 78  | 81  | 77 | 70 | 59 | 125-6/9-15  | 61 | 71   | 86  | 90  | 89  | 88 | 77 | 73 |
| 90-8-4       | 46 | 67 | 74 | 79  | 82  | 78 | 71 | 64 | 125-6/9-20  | 64 | 74   | 89  | 93  | 92  | 91 | 80 | 76 |
| 90-8-5.5     | 45 | 66 | 73 | 78  | 81  | 77 | 70 | 59 | 125-6/9-24  | 64 | 74   | 89  | 93  | 92  | 91 | 80 | 76 |
| 90-8-7.5     | 43 | 64 | 71 | 76  | 79  | 75 | 68 | 57 | 125-8/9-22  | 47 | 55   | 72  | 78  | 79  | 74 | 69 | 65 |
| 90-8-9       | 43 | 64 | 71 | 76  | 79  | 75 | 68 | 57 | 125-8/9-27  | 48 | 56   | 73  | 79  | 80  | 75 | 70 | 66 |
| 90-12-2      | 32 | 53 | 60 | 65  | 68  | 64 | 57 | 46 | 125-8/9-37  | 48 | 56   | 73  | 79  | 80  | 75 | 70 | 66 |
| 90-12-3      | 41 | 53 | 60 | 65  | 68  | 64 | 57 | 46 | 125-8/9-40  | 49 | 57   | 74  | 80  | 81  | 76 | 71 | 67 |
| 90-12-4      | 42 | 55 | 62 | 67  | 70  | 66 | 59 | 48 | 125-12/9-10 | 43 | 53   | 68  | 72  | 71  | 70 | 59 | 55 |
| 100-4-7.5    | 64 | 84 | 92 | 97  | 99  | 96 | 89 | 78 | 125-12/9-15 | 46 | 56   | 71  | 75  | 74  | 73 | 62 | 58 |
| 100-4-9      | 63 | 83 | 91 | 96  | 98  | 95 | 88 | 77 | 125-12/9-24 | 49 | 59   | 74  | 78  | 77  | 76 | 65 | 61 |
| 100-4-10     | 62 | 82 | 90 | 95  | 97  | 94 | 87 | 76 | 140-6/3-5.5 | 69 | 79   | 87  | 92  | 91  | 90 | 77 | 77 |
| 100-4-15     | 61 | 81 | 89 | 94  | 96  | 93 | 86 | 75 | 140-6/3-7.5 | 70 | 80   | 88  | 93  | 92  | 91 | 78 | 78 |
| 100-4-20     | 63 | 83 | 91 | 96  | 98  | 95 | 88 | 77 | 140-6/3-10  | 71 | 81   | 89  | 94  | 93  | 92 | 79 | 79 |
| 100-6-3      | 61 | 72 | 80 | 85  | 87  | 84 | 77 | 66 | 140-6/3-15  | 72 | 82   | 90  | 95  | 94  | 93 | 80 | 80 |
| 100-6-4      | 64 | 72 | 80 | 85  | 87  | 84 | 77 | 66 | 140-6/3-20  | 74 | 84   | 92  | 97  | 96  | 95 | 82 | 82 |
| 100-6-5.5    | 64 | 73 | 81 | 86  | 88  | 85 | 78 | 67 | 140-6/6-7.5 | 68 | 83   | 92  | 94  | 91  | 85 | 77 | 73 |
| 100-8-2      | 56 | 66 | 74 | 79  | 81  | 78 | 71 | 60 | 140-6/6-10  | 69 | 84   | 93  | 95  | 92  | 86 | 78 | 74 |
| 100-8-3      | 57 | 68 | 76 | 81  | 83  | 80 | 73 | 62 | 140-6/6-15  | 70 | 85   | 94  | 96  | 93  | 87 | 79 | 75 |
| 100-8-4      | 58 | 68 | 76 | 81  | 83  | 80 | 73 | 62 | 140-6/6-20  | 71 | 86   | 95  | 97  | 94  | 88 | 80 | 76 |
| 100-8-7.5    | 49 | 69 | 77 | 82  | 84  | 81 | 74 | 63 | 140-6/6-25  | 72 | 87   | 96  | 98  | 95  | 89 | 81 | 77 |
| 100-8-9      | 48 | 68 | 76 | 81  | 83  | 80 | 73 | 62 | 140-6/6-30  | 73 | 88   | 97  | 99  | 96  | 90 | 82 | 78 |
| 100-8-15     | 46 | 66 | 74 | 79  | 81  | 78 | 71 | 60 | 140-6/9-10  | 66 | 84   | 93  | 92  | 91  | 87 | 78 | 73 |
| 100-8-20     | 47 | 67 | 75 | 80  | 82  | 79 | 72 | 61 | 140-6/9-15  | 68 | 86   | 95  | 94  | 93  | 89 | 80 | 75 |
| 100-12-3     | 46 | 55 | 63 | 68  | 70  | 67 | 60 | 49 | 140-6/9-20  | 69 | 87   | 96  | 95  | 94  | 90 | 81 | 76 |
| 100-12-4     | 48 | 55 | 63 | 68  | 70  | 67 | 60 | 49 | 140-6/9-25  | 70 | 88   | 97  | 96  | 95  | 91 | 82 | 77 |
| 100-12-5.5   | 49 | 56 | 64 | 69  | 71  | 68 | 61 | 50 | 140-6/9-30  | 71 | 89   | 98  | 97  | 96  | 92 | 83 | 78 |
| 125-4/3-9    | 70 | 76 | 88 | 98  | 98  | 94 | 86 | 82 | 140-6/9-40  | 73 | 91   | 100 | 99  | 98  | 94 | 85 | 80 |
| 125-4/3-10   | 70 | 76 | 88 | 98  | 98  | 94 | 86 | 82 | 140-6/9-50  | 74 | 92   | 101 | 100 | 99  | 95 | 86 | 81 |
| 125-4/3-15   | 71 | 77 | 89 | 99  | 99  | 95 | 87 | 83 | 140-8/3-3   | 64 | 74   | 82  | 87  | 86  | 85 | 72 | 67 |
| 125-4/3-20   | 73 | 79 | 91 | 101 | 101 | 97 | 89 | 85 | 140-8/3-4   | 64 | 74   | 82  | 87  | 86  | 85 | 72 | 67 |
| 125-4/3-25   | 73 | 79 | 91 | 101 | 101 | 97 | 89 | 85 | 140-8/3-5.5 | 65 | 75   | 83  | 88  | 87  | 86 | 73 | 68 |
| 125-4/3-27   | 74 | 80 | 92 | 102 | 102 | 98 | 90 | 86 | 140-8/3-7.5 | 67 | 77   | 85  | 90  | 89  | 88 | 75 | 70 |
| 125-4/3-30   | 74 | 80 | 92 | 102 | 102 | 98 | 90 | 86 | 140-8/3-10  | 68 | 78   | 86  | 91  | 90  | 89 | 76 | 71 |
| 125-4/3-37   | 75 | 81 | 93 | 103 | 103 | 99 | 91 | 87 | 140-8/6-3   | 63 | 75   | 84  | 88  | 86  | 80 | 70 | 67 |
| 125-4/3-40   | 75 | 81 | 93 | 103 | 103 | 99 | 91 | 87 | 140-8/6-4   | 64 | 76   | 85  | 89  | 87  | 81 | 71 | 68 |
| 125-6/3-5.5  | 66 | 74 | 86 | 90  | 88  | 83 | 74 | 70 | 140-8/6-5.5 | 65 | 77   | 86  | 90  | 88  | 82 | 72 | 69 |
| 125-6/3-7.5  | 67 | 75 | 87 | 91  | 89  | 84 | 75 | 71 | 140-8/6-7.5 | 66 | 78   | 87  | 91  | 89  | 83 | 73 | 70 |
| 125-6/3-10   | 69 | 77 | 89 | 93  | 91  | 86 | 77 | 73 | 140-8/6-10  | 67 | 79   | 88  | 92  | 90  | 84 | 74 | 71 |
| 125-6/3-15   | 70 | 78 | 90 | 94  | 92  | 87 | 78 | 74 | 140-8/6-15  | 68 | 80   | 89  | 93  | 91  | 85 | 75 | 72 |
| 125-6/3-20   | 71 | 79 | 91 | 95  | 93  | 88 | 79 | 75 | 140-8/9-4   | 62 | 73   | 84  | 89  | 87  | 83 | 73 | 68 |
| 125-6/3-24   | 71 | 79 | 91 | 95  | 93  | 88 | 79 | 75 | 140-8/9-5.5 | 62 | 73   | 84  | 89  | 87  | 83 | 73 | 68 |
| 125-8/3-9    | 50 | 56 | 68 | 78  | 78  | 74 | 66 | 62 | 140-8/9-7.5 | 64 | 75   | 86  | 91  | 89  | 85 | 75 | 70 |
| 125-8/3-15   | 51 | 57 | 69 | 79  | 79  | 75 | 67 | 63 | 140-8/9-10  | 65 | 76   | 87  | 92  | 90  | 86 | 76 | 71 |
| 125-8/3-20   | 53 | 59 | 71 | 81  | 81  | 77 | 69 | 65 | 140-8/9-15  | 66 | 77   | 88  | 93  | 91  | 87 | 77 | 72 |
| 125-8/3-27   | 53 | 59 | 71 | 81  | 81  | 77 | 69 | 65 | 140-8/9-20  | 69 | 80   | 91  | 96  | 94  | 90 | 80 | 75 |
| 125-8/3-37   | 54 | 60 | 72 | 82  | 82  | 78 | 70 | 66 | 160-6/3-10  | 69 | 79   | 87  | 92  | 91  | 90 | 77 | 72 |
| 125-8/3-40   | 54 | 60 | 72 | 82  | 82  | 78 | 70 | 66 | 160-6/3-15  | 71 | 81   | 89  | 94  | 93  | 92 | 79 | 74 |
| 125-6/3-4    | 65 | 73 | 85 | 89  | 87  | 82 | 73 | 69 | 160-6/3-20  | 72 | 82   | 90  | 95  | 94  | 93 | 80 | 75 |
| 125-12/3-4   | 50 | 58 | 70 | 74  | 72  | 67 | 58 | 54 | 160-6/3-25  | 73 | 83   | 91  | 96  | 95  | 94 | 81 | 76 |
| 125-12/3-5.5 | 51 | 59 | 71 | 75  | 73  | 68 | 59 | 55 | 160-6/3-30  | 75 | 85   | 93  | 98  | 97  | 96 | 83 | 78 |
| 125-12/3-7.5 | 52 | 60 | 72 | 76  | 74  | 69 | 60 | 56 | 160-6/6-15  | 69 | 84   | 93  | 95  | 92  | 86 | 78 | 74 |
| 125-12/3-10  | 54 | 62 | 74 | 78  | 76  | 71 | 62 | 58 | 160-6/6-20  | 70 | 85   | 94  | 96  | 93  | 87 | 79 | 75 |
| 125-12/3-15  | 55 | 63 | 75 | 79  | 77  | 72 | 63 | 59 | 160-6/6-25  | 71 | 86   | 95  | 97  | 94  | 88 | 80 | 76 |
| 125-12/3-24  | 56 | 64 | 76 | 80  | 78  | 73 | 64 | 60 | 160-6/6-30  | 72 | 87   | 96  | 98  | 95  | 89 | 81 | 77 |
| 125-4/6-20   | 67 | 75 | 91 | 98  | 100 | 95 | 89 | 85 | 160-6/6-40  | 73 | 88   | 97  | 99  | 96  | 90 | 82 | 78 |
| 125-4/6-22   | 67 | 75 | 91 | 98  | 100 | 95 | 89 | 85 | 160-6/6-50  | 75 | 90   | 99  | 101 | 98  | 92 | 84 | 80 |
| 125-4/6-25   | 68 | 76 | 92 | 99  | 101 | 96 | 90 | 86 | 160-6/9-15  | 67 | 85   | 94  | 93  | 92  | 88 | 79 | 74 |
| 125-4/6-27   | 68 | 76 | 92 | 99  | 101 | 96 | 90 | 86 | 160-6/9-20  | 68 | 86   | 95  | 94  | 93  | 89 | 80 | 75 |
| 125-4/6-30   | 68 | 76 | 92 | 99  | 101 | 96 | 90 | 86 | 160-6/9-25  | 69 | 87   | 96  | 95  | 94  | 90 | 81 | 76 |
| 125-4/6-37   | 68 | 76 | 92 | 99  | 101 | 96 | 90 | 86 | 160-6/9-30  | 70 | 88   | 97  | 96  | 95  | 91 | 82 | 77 |
| 125-4/6-40   | 70 | 78 | 94 | 101 | 103 | 98 | 92 | 88 | 160-6/9-40  | 71 | 89   | 98  | 97  | 96  | 92 | 83 | 78 |
| 125-4/6-50   | 71 | 79 | 95 | 102 | 104 | 99 | 93 | 89 | 160-6/9-50  | 72 | 90   | 99  | 98  | 97  | 93 | 84 | 79 |
| 125-6/6-5.5  | 60 | 69 | 82 | 85  | 86  | 83 | 72 | 68 | 160-6/9-60  | 73 | 91   | 100 | 99  | 98  | 94 | 85 | 80 |
| 125-6/6-7.5  | 60 | 69 | 82 | 85  | 86  | 83 | 72 | 68 | 160-6/9-75  | 74 | 92   | 101 | 100 | 99  | 95 | 86 | 81 |
| 125-6/6-10   | 62 | 71 | 84 | 87  | 88  | 85 | 74 | 70 | 160-8/3-4   | 63 | 73   | 81  | 86  | 85  | 84 | 71 | 66 |
| 125-6/6-15   | 64 | 73 | 86 | 89  | 90  | 87 | 76 | 72 | 160-8/3-5.5 | 65 | 75   | 83  | 88  | 87  | 86 | 73 | 68 |
| 125-6/6-20   | 65 | 74 | 87 | 90  | 91  | 88 | 77 | 73 | 160-8/3-7.5 | 66 | 76   | 84  | 89  | 88  | 87 | 74 | 69 |
| 125-6/6-24   | 65 | 74 | 87 | 90  | 91  | 88 | 77 | 73 | 160-8/3-10  | 67 | 77   | 85  | 90  | 89  | 88 | 75 | 70 |
| 125-8/6-20   | 46 | 54 | 70 | 77  | 79  | 74 | 68 | 64 | 160-8/3-15  | 69 | 79   | 87  | 92  | 91  | 90 | 77 | 72 |
| 125-8/6-22   | 47 | 55 | 71 | 78  | 80  | 75 | 69 | 65 | 160-8/6-5.5 | 61 | 76   | 85  | 87  | 84  | 78 | 70 | 66 |
| 125-8/6-27   | 47 | 55 | 71 | 78  | 80  | 75 | 69 | 65 | 160-8/6-7.5 | 63 | 78   | 87  | 89  | 86  | 80 | 72 | 68 |
| 125-8/6-37   | 48 | 56 | 72 | 79  | 81  | 76 | 70 | 66 | 160-8/6-10  | 64 | 79   | 88  | 90  | 87  | 81 | 73 | 69 |
| 125-8/6-40   | 49 | 57 | 73 | 80  | 82  | 77 | 71 | 67 | 160-8/6-15  | 66 | 81   | 90  | 92  | 89  | 83 | 75 | 71 |
| 125-12/6-5.5 | 45 | 54 | 67 | 70  | 71  | 68 | 57 | 53 | 160-8/6-20  | 67 | 82   | 91  | 93  | 90  | 84 | 76 | 72 |
| 125-12/6-7.5 | 45 | 54 | 67 | 70  | 71  | 68 | 57 | 53 | 160-8/6-25  | 68 | 83   | 92  | 94  | 91  | 85 | 77 | 73 |
| 125-12/6-10  | 47 | 56 | 69 | 72  | 73  | 70 | 59 | 55 | 160-8/9-7.5 | 61 | 79   | 88  | 87  | 86  | 82 | 73 | 68 |
| 125-12/6-15  | 49 | 58 | 71 | 74  | 75  | 72 | 61 | 57 | 160-8/9-10  | 62 | 80   | 89  | 88  | 87  | 83 | 74 | 69 |
| 125-12/6-24  | 50 | 59 | 72 | 75  | 76  | 73 | 62 | 58 | 160-8/9-15  | 64 | 82   | 91  | 90  | 89  | 85 | 76 | 71 |
| 125-4/9-22   | 66 | 74 | 91 | 97  | 98  | 93 | 88 | 84 | 160-8/9-20  | 65 | 83   | 92  | 91  | 90  | 86 | 77 | 72 |
| 125-4/9-25   | 66 | 74 | 91 | 97  | 98  | 93 | 88 | 84 | 160-8/9-25  | 66 | 84</ |     |     |     |    |    |    |

# Axial Flow Fans

## Dimensions in mm



| Model     | ØA   | ØB   | C (consult motor size according to power) |     |     |     |     |      |      |      |      |      |      |      |      |      | ØD | E    |       |      | ØJ | N         |
|-----------|------|------|---|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|----|------|-------|------|----|-----------|
|           |      |      | 80  | 90S | 90L | 100 | 112 | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225  | 250  |    | 280  | Short | Long |    |           |
| HC PS-40  | 490  | 450  | 348                                       | 364 | 389 | -   | -   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 410  | 250   | 400  | 12 | 8x45°     |
| HC PS-45  | 540  | 500  | 348                                       | 364 | 389 | -   | -   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 460  | 250   | 400  | 12 | 8x45°     |
| HC PS-50  | 600  | 560  | 339                                       | 364 | 389 | 419 | -   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 514  | 250   | 400  | 12 | 12x30°    |
| HC PS-50  | 600  | 560  | -   | -   | -   | -   | 438 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 514  | 250   | 500  | 12 | 12x30°    |
| HC PS-56  | 660  | 620  | 275                                       | 364 | 389 | -   | -   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 560  | 250   | 400  | 12 | 12x30°    |
| HC PS-56  | 660  | 620  | -   | -   | -   | 416 | 432 | 480  | 518  | -    | -    | -    | -    | -    | -    | -    | -  | 560  | 250   | 500  | 12 | 12x30°    |
| HC PS-56  | 660  | 620  | -   | -   | -   | -   | -   | -    | -    | 620  | -    | -    | -    | -    | -    | -    | -  | 560  | 250   | 650  | 12 | 12x30°    |
| HC PS-63  | 730  | 690  | 339                                       | 359 | 389 | -   | -   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 640  | 250   | 400  | 12 | 12x30°    |
| HC PS-63  | 730  | 690  | -   | -   | -   | 420 | 437 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 640  | 250   | 500  | 12 | 12x30°    |
| HC PS-63  | 730  | 690  | -   | -   | -   | -   | -   | 539  | 577  | -    | -    | -    | -    | -    | -    | -    | -  | 640  | 250   | 650  | 12 | 12x30°    |
| HC PS-63  | 730  | 690  | -   | -   | -   | -   | -   | -    | -    | 630  | 674  | -    | -    | -    | -    | -    | -  | 640  | 350   | 650  | 12 | 12x30°    |
| HC PS-71  | 810  | 770  | 366                                       | 379 | 404 | -   | -   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 710  | 300   | 430  | 12 | 16x22°30' |
| HC PS-71  | 810  | 770  | -   | -   | -   | 438 | 433 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 710  | 300   | 500  | 12 | 16x22°30' |
| HC PS-80  | 900  | 860  | -   | -   | 422 | 456 | 472 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | 800  | 300   | 500  | 12 | 16x22°30' |
| HC PS-80  | 900  | 860  | -   | -   | -   | -   | -   | 515  | -    | -    | -    | -    | -    | -    | -    | -    | -  | 800  | 300   | 600  | 12 | 16x22°30' |
| HC PS-90  | 1015 | 970  | -   | -   | -   | 466 | 482 | 525  | 565  | -    | -    | -    | -    | -    | -    | -    | -  | 900  | 350   | 600  | 15 | 16x22°30' |
| HC PS-100 | 1115 | 1070 | -   | -   | -   | -   | 482 | 525  | 565  | -    | -    | -    | -    | -    | -    | -    | -  | 1000 | 350   | 600  | 15 | 16x22°30' |
| HC PS-100 | 1115 | 1070 | -   | -   | -   | -   | -   | -    | -    | 695  | 695  | -    | -    | -    | -    | -    | -  | 1000 | 450   | 700  | 15 | 16x22°30' |
| HC PS-125 | 1365 | 1320 | -   | -   | -   | -   | -   | 561  | 601  | -    | -    | -    | -    | -    | -    | -    | -  | 1250 | 500   | 700  | 15 | 20x18°    |
| HC PS-125 | 1365 | 1320 | -   | -   | -   | -   | -   | -    | -    | 695  | 695  | -    | -    | -    | -    | -    | -  | 1250 | 500   | 700  | 15 | 20x18°    |
| HC PS-125 | 1365 | 1320 | -   | -   | -   | -   | -   | -    | -    | -    | 740  | 740  | 860  | -    | -    | -    | -  | 1250 | 500   | 900  | 15 | 20x18°    |
| HC PS-125 | 1365 | 1320 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | 907  | -    | -    | -    | -  | 1250 | 500   | 1000 | 15 | 20x18°    |
| HC PS-125 | 1365 | 1320 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | -    | 987  | -    | -    | -  | 1250 | 600   | 1000 | 15 | 20x18°    |
| HC PS-125 | 1365 | 1320 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | -    | -    | 1077 | -    | -  | 1250 | 600   | 1200 | 15 | 20x18°    |
| HC PS-140 | 1515 | 1470 | -   | -   | -   | -   | -   | -    | 570  | -    | -    | -    | -    | -    | -    | -    | -  | 1400 | 400   | 650  | 15 | 20x18°    |
| HC PS-140 | 1515 | 1470 | -   | -   | -   | -   | -   | -    | -    | -    | 700  | -    | -    | -    | -    | -    | -  | 1400 | 450   | 700  | 15 | 20x18°    |
| HC PS-140 | 1515 | 1470 | -   | -   | -   | -   | -   | -    | -    | -    | -    | 765  | -    | -    | -    | -    | -  | 1400 | 550   | 900  | 15 | 20x18°    |
| HC PS-140 | 1515 | 1470 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | 825  | -    | -    | -    | -  | 1400 | 550   | 900  | 15 | 20x18°    |
| HC PS-140 | 1515 | 1470 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | -    | 910  | -    | -    | -  | 1400 | 550   | 1000 | 15 | 20x18°    |
| HC PS-140 | 1515 | 1470 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | -    | -    | 985  | -    | -  | 1400 | 600   | 1000 | 15 | 20x18°    |
| HC PS-160 | 1735 | 1680 | -   | -   | -   | -   | -   | -    | 570  | -    | -    | -    | -    | -    | -    | -    | -  | 1600 | 400   | 650  | 19 | 24x15°    |
| HC PS-160 | 1735 | 1680 | -   | -   | -   | -   | -   | -    | -    | -    | 700  | -    | -    | -    | -    | -    | -  | 1600 | 450   | 700  | 19 | 24x15°    |
| HC PS-160 | 1735 | 1680 | -   | -   | -   | -   | -   | -    | -    | -    | -    | 765  | -    | -    | -    | -    | -  | 1600 | 550   | 900  | 19 | 24x15°    |
| HC PS-160 | 1735 | 1680 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | 825  | -    | -    | -    | -  | 1600 | 550   | 1000 | 19 | 24x15°    |
| HC PS-160 | 1735 | 1680 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | -    | 910  | -    | -    | -  | 1600 | 550   | 1000 | 19 | 24x15°    |
| HC PS-160 | 1735 | 1680 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | -    | -    | 985  | -    | -  | 1600 | 600   | 1000 | 19 | 24x15°    |
| HC PS-160 | 1735 | 1680 | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | -    | -    | -    | 1190 | -  | 1600 | 700   | 1000 | 19 | 24x15°    |

### Motor build sizes depending on power (one-speed)

|                 | CV   |       |      |      |       |       |       |       |      |       |      |        |      |        |        |        |        |        |        |        |
|-----------------|------|-------|------|------|-------|-------|-------|-------|------|-------|------|--------|------|--------|--------|--------|--------|--------|--------|--------|
|                 | 0,75 | 1     | 1,5  | 2    | 3     | 4     | 5,5   | 7,5   | 10   | 12    | 15   | 20     | 22   | 25     | 30     | 40     | 50     | 60     | 75     | 100    |
| 2T (3000 r/min) | 80   | 80    | 80   | 90S  | 90L   | 100LB | 112M  | 132S  | 132S | 132MA | 160M | 160M   | 160L | 180M   | 180L   | 200L   | 225S/M | 225S/M | 250S/M | 280S/M |
| 4T (1500 r/min) | 90S  | 90S   | 90S  | 90L  | 100LA | 100LB | 112M  | 132S  | 132M | -     | 160M | 160L   | -    | 180M   | 180L   | 200L   | 225S/M | 225S/M | 250S/M | 280S/M |
| 6T (1000 r/min) | 90S  | 90S   | 90L  | 100L | 112M  | 132S  | 132MA | 132MB | 160M | -     | 160L | 180L   | -    | 200MLA | 200MLB | 225SMB | 250S/M | 280S/M | 280S/M | -      |
| 8T (750 r/min)  | 90L  | 100LA | 100L | 112M | 132S  | 132M  | 160MA | 160M  | 160L | -     | 180L | 200MLA | -    | 225SMA | 225SMB | 250SMA | 280S/M | 280S/M | -      | -      |

### Motor build sizes depending on power (two-speed)

|                      | CV   |      |       |      |       |       |      |      |       |       |      |       |       |        |      |      |      |        |       |        |        |        |   |
|----------------------|------|------|-------|------|-------|-------|------|------|-------|-------|------|-------|-------|--------|------|------|------|--------|-------|--------|--------|--------|---|
|                      | 0,75 | 1    | 1,5   | 2    | 3     | 4     | 5,5  | 6    | 7,5   | 8     | 9    | 10    | 12    | 15     | 18   | 20   | 22   | 24     | 27    | 37     | 38     | 40     |   |
| 2/4(3000/1500 r/min) | -    | -    | 90S   | 90S  | 90L   | 100L  | -    | 112M | -     | -     | 132M | -     | 160MA | -      | 160M | -    | 160L | -      | -     | -      | -      | -      | - |
| 4/8(1500/750 r/min)  | -    | -    | 90S   | 100L | 100LA | 100LC | 132S | -    | 132S  | 132S  | -    | 132M  | -     | 160M   | -    | 160L | 180M | 180M   | 180L  | 200MLA | 200L   | 225S/M | - |
| 6/12(1000/500 r/min) | 90L  | 100L | 100LB | 112M | 112M  | 132MC | 160M | 160M | 160LB | 160LB | -    | 160LB | -     | 200MLC | 160L | 200M | -    | 250SMB | 22S/M | -      | 225S/M | -      |   |

## Characteristic curves

See characteristic curves on page 19 and above.

## CJ HC PS

**CJ HC PS: 400°C/2h axial extraction units with soundproofed box**



Detail CJ HC PS

Extraction units to work inside fire danger zones at 400°C/2h, with soundproofed box.

**Fan:**

- Galvanised sheet steel structure with thermal insulation and soundproofing.
- Turnable impellers cast aluminium.
- Units suitable for working in both horizontal and vertical positions.
- Approval according to Standard EN-12101-3-2002, certificate no.: 0370-CPR-1949

**Motor:**

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one- or two- speed depending on the model.
- Three-phase 230/400V.-50Hz. (up to 4CV.) and 400/690V.-50Hz. (power over 4CV.)
- Max. temperature of air for transport: S1 Service -20°C+ 40°C for ongoing use, S2 Service 400°C/2h

**Finish:**

- Anticorrosive galvanized sheet steel.

**On request:**

- 100% reversible impellers.



**Order code**

From size 40 to size 100

**CJ HC PS — 56 — 4T — 2 — F-400**

CJ HC PS: 400°C/2h axial extraction units with soundproofed box

Impeller diameter in cm.

Number of motor poles  
 2=2900 r/min. 50 Hz  
 4=1400 r/min. 50 Hz  
 6=900 r/min. 50 Hz  
 8=750 r/min. 50 Hz  
 12=500 r/min. 50 Hz

T=Three-phase

Power motor (c.v.)

F-400 Officially approved 400°C/2h

Size 125

**CJ HC PS — 125 — 4T / — 9-10 — 15 — F-400**

CJ HC PS: 400°C/2h axial extraction units with soundproofed box

Impeller diameter in cm.

Number of motor poles  
 2=2900 r/min. 50 Hz  
 4=1400 r/min. 50 Hz  
 6=900 r/min. 50 Hz  
 8=750 r/min. 50 Hz  
 12=500 r/min. 50 Hz

T=Three-phase

Number of blades  
 3 blades  
 6 blades  
 9 blades

Angle of inclination of the blades

Power motor (c.v.)

F-400 Officially approved 400°C/2h

## Technical characteristics

| Model                  | Speed<br>(r/min) | Maximum admissible current (A) |              |      | Power installed (kW) | Tilting angle blades (°) | Airflow maximum (m³/h) | Sound pressure level dB(A) | Approx. weight (Kg) |
|------------------------|------------------|--------------------------------|--------------|------|----------------------|--------------------------|------------------------|----------------------------|---------------------|
|                        |                  | 230V                           | 400V         | 690V |                      |                          |                        |                            |                     |
| CJ HC PS-40-2/4T-1,5   | 2900 / 1450      |                                | 2.90 / 1.10  |      | 1.10 / 0.25          | 20                       | 7050 / 3525            | 73 / 58                    | 50                  |
| CJ HC PS-40-2/4T-2     | 2940 / 1460      |                                | 4.40 / 1.40  |      | 1.50 / 0.37          | 24                       | 7950 / 3975            | 74 / 59                    | 51                  |
| CJ HC PS-40-4T-0,75    | 1420             | 2.90                           | 1.70         |      | 0.55                 | 32                       | 4800                   | 61                         | 41                  |
| CJ HC PS-40-6T-0,75    | 930              | 3.30                           | 1.90         |      | 0.55                 | 32                       | 3150                   | 51                         | 49                  |
| CJ HC PS-40-6/12T-0,75 | 940 / 460        |                                | 2.10 / 0.90  |      | 0.55 / 0.09          | 32                       | 3150 / 1575            | 51 / 36                    | 53                  |
| CJ HC PS-45-2/4T-2     | 2940 / 1460      |                                | 4.40 / 1.40  |      | 1.50 / 0.37          | 16                       | 9400 / 4700            | 75 / 60                    | 53                  |
| CJ HC PS-45-2/4T-3     | 2930 / 1450      |                                | 5.70 / 1.80  |      | 2.20 / 0.60          | 22                       | 11350 / 5675           | 77 / 62                    | 55                  |
| CJ HC PS-45-4T-0,75    | 1420             | 2.90                           | 1.70         |      | 0.55                 | 36                       | 7450                   | 65                         | 43                  |
| CJ HC PS-45-6T-0,75    | 930              | 3.30                           | 1.90         |      | 0.55                 | 30                       | 4450                   | 53                         | 51                  |
| CJ HC PS-45-6/12T-0,75 | 940 / 460        |                                | 2.10 / 0.90  |      | 0.55 / 0.09          | 30                       | 4450 / 2225            | 53 / 38                    | 55                  |
| CJ HC PS-50-2/4T-4     | 2920 / 1440      |                                | 6.70 / 2.00  |      | 3.00 / 0.80          | 16                       | 13900 / 6950           | 79 / 64                    | 62                  |
| CJ HC PS-50-2/4T-6     | 2930 / 1450      |                                | 10.00 / 3.20 |      | 4.50 / 1.30          | 20                       | 15900 / 7950           | 80 / 65                    | 78                  |
| CJ HC PS-50-4T-1       | 1430             | 3.80                           | 2.20         |      | 0.75                 | 28                       | 9750                   | 66                         | 50                  |
| CJ HC PS-50-6T-0,75    | 930              | 3.30                           | 1.90         |      | 0.55                 | 32                       | 7000                   | 55                         | 52                  |
| CJ HC PS-50-6/12T-0,75 | 940 / 460        |                                | 2.10 / 0.90  |      | 0.55 / 0.09          | 32                       | 7000 / 3500            | 55 / 40                    | 56                  |
| CJ HC PS-56-2/4T-6     | 2930 / 1450      |                                | 10.00 / 3.20 |      | 4.50 / 1.30          | 16                       | 18800 / 9400           | 85 / 69                    | 87                  |
| CJ HC PS-56-2/4T-12    | 2920 / 1440      |                                | 18.50 / 5.50 |      | 9.00 / 2.50          | 30                       | 27200 / 13600          | 86 / 71                    | 153                 |
| CJ HC PS-56-4T-1       | 1430             | 3.80                           | 2.20         |      | 0.75                 | 22                       | 11250                  | 70                         | 59                  |
| CJ HC PS-56-4T-1,5     | 1420             | 4.70                           | 2.70         |      | 1.10                 | 30                       | 13600                  | 71                         | 61                  |
| CJ HC PS-56-4/8T-1,5   | 1440 / 710       |                                | 2.90 / 1.40  |      | 1.10 / 0.25          | 30                       | 13600 / 6800           | 71 / 56                    | 65                  |
| CJ HC PS-56-4T-2       | 1425             | 6.60                           | 3.80         |      | 1.50                 | 36                       | 15050                  | 72                         | 63                  |
| CJ HC PS-56-4/8T-2     | 1415 / 715       |                                | 3.60 / 1.50  |      | 1.50 / 0.30          | 36                       | 15050 / 7525           | 72 / 57                    | 69                  |
| CJ HC PS-56-6T-0,75    | 930              | 3.30                           | 1.90         |      | 0.55                 | 38                       | 10150                  | 60                         | 61                  |
| CJ HC PS-56-6/12T-0,75 | 940 / 460        |                                | 2.10 / 0.90  |      | 0.55 / 0.09          | 38                       | 10150 / 5075           | 60 / 45                    | 65                  |
| CJ HC PS-63-4T-1       | 1430             | 3.80                           | 2.20         |      | 0.75                 | 14                       | 15200                  | 70                         | 63                  |
| CJ HC PS-63-4T-1,5     | 1420             | 4.70                           | 2.70         |      | 1.10                 | 20                       | 17800                  | 71                         | 66                  |
| CJ HC PS-63-4/8T-1,5   | 1440 / 710       |                                | 2.90 / 1.40  |      | 1.10 / 0.25          | 20                       | 17800 / 8900           | 71 / 56                    | 69                  |
| CJ HC PS-63-4T-2       | 1425             | 6.60                           | 3.80         |      | 1.50                 | 24                       | 19300                  | 72                         | 67                  |
| CJ HC PS-63-4/8T-2     | 1415 / 715       |                                | 3.60 / 1.50  |      | 1.50 / 0.30          | 24                       | 19300 / 9650           | 72 / 57                    | 74                  |
| CJ HC PS-63-4T-3       | 1435             | 9.20                           | 5.30         |      | 2.20                 | 32                       | 22150                  | 73                         | 73                  |
| CJ HC PS-63-4/8T-3     | 1415 / 715       |                                | 5.20 / 1.90  |      | 2.20 / 0.45          | 32                       | 22150 / 11075          | 73 / 58                    | 87                  |
| CJ HC PS-63-4T-4       | 1430             | 11.40                          | 6.60         |      | 3.00                 | 38                       | 24250                  | 74                         | 78                  |
| CJ HC PS-63-4/8T-4     | 1420 / 705       |                                | 6.90 / 2.30  |      | 3.00 / 0.60          | 38                       | 24250 / 12125          | 74 / 59                    | 91                  |
| CJ HC PS-63-6T-0,75    | 930              | 3.30                           | 1.90         |      | 0.55                 | 28                       | 13600                  | 63                         | 66                  |
| CJ HC PS-63-6/12T-0,75 | 940 / 460        |                                | 2.10 / 0.90  |      | 0.55 / 0.09          | 28                       | 13600 / 6800           | 63 / 48                    | 69                  |
| CJ HC PS-63-6T-1       | 940              | 4.40                           | 2.60         |      | 0.75                 | 38                       | 15900                  | 64                         | 67                  |
| CJ HC PS-63-6/12T-1    | 935 / 430        |                                | 2.50 / 1.03  |      | 0.75 / 0.15          | 38                       | 15900 / 7950           | 64 / 49                    | 71                  |
| CJ HC PS-71-4T-1,5     | 1420             | 4.70                           | 2.70         |      | 1.10                 | 12                       | 19500                  | 75                         | 82                  |
| CJ HC PS-71-4/8T-1,5   | 1440 / 710       |                                | 2.90 / 1.40  |      | 1.10 / 0.25          | 12                       | 19500 / 9750           | 75 / 60                    | 86                  |
| CJ HC PS-71-4T-2       | 1425             | 6.60                           | 3.80         |      | 1.50                 | 14                       | 20900                  | 76                         | 84                  |
| CJ HC PS-71-4/8T-2     | 1415 / 715       |                                | 3.60 / 1.50  |      | 1.50 / 0.30          | 14                       | 20900 / 10450          | 76 / 61                    | 91                  |
| CJ HC PS-71-4T-3       | 1435             | 9.20                           | 5.30         |      | 2.20                 | 22                       | 25100                  | 78                         | 90                  |
| CJ HC PS-71-4/8T-3     | 1415 / 715       |                                | 5.20 / 1.90  |      | 2.20 / 0.45          | 22                       | 25100 / 12550          | 78 / 63                    | 103                 |
| CJ HC PS-71-4T-4       | 1430             | 11.40                          | 6.60         |      | 3.00                 | 28                       | 27500                  | 79                         | 95                  |
| CJ HC PS-71-4/8T-4     | 1420 / 705       |                                | 6.90 / 2.30  |      | 3.00 / 0.60          | 28                       | 27500 / 13750          | 79 / 64                    | 108                 |
| CJ HC PS-71-6T-0,75    | 930              | 3.30                           | 1.90         |      | 0.55                 | 20                       | 16100                  | 65                         | 82                  |
| CJ HC PS-71-6/12T-0,75 | 940 / 460        |                                | 2.10 / 0.90  |      | 0.55 / 0.09          | 20                       | 16100 / 8050           | 65 / 50                    | 86                  |
| CJ HC PS-71-6T-1       | 940              | 4.40                           | 2.60         |      | 0.75                 | 26                       | 17300                  | 66                         | 84                  |
| CJ HC PS-71-6/12T-1    | 935 / 430        |                                | 2.50 / 1.03  |      | 0.75 / 0.15          | 26                       | 17300 / 8650           | 66 / 51                    | 87                  |
| CJ HC PS-71-6T-1,5     | 945              | 6.40                           | 3.70         |      | 1.10                 | 34                       | 19950                  | 67                         | 86                  |
| CJ HC PS-71-6/12T-1,5  | 940 / 450        |                                | 3.30 / 1.20  |      | 1.10 / 0.18          | 34                       | 19950 / 9975           | 67 / 52                    | 97                  |
| CJ HC PS-80-4T-3       | 1435             | 9.20                           | 5.30         |      | 2.20                 | 12                       | 25450                  | 79                         | 98                  |
| CJ HC PS-80-4/8T-3     | 1415 / 715       |                                | 5.20 / 1.90  |      | 2.20 / 0.45          | 12                       | 25450 / 12725          | 79 / 64                    | 111                 |

# Axial Flow Fans

## Technical characteristics

| Model                  | Speed<br>(r/min) | Maximum admissible current (A) |               |       | Power installed (kW) | Tilting angle blades (°) | Airflow maximum (m³/h) | Sound pressure level dB(A) | Approx. weight (Kg) |
|------------------------|------------------|--------------------------------|---------------|-------|----------------------|--------------------------|------------------------|----------------------------|---------------------|
|                        |                  | 230V                           | 400V          | 690V  |                      |                          |                        |                            |                     |
| CJ HC PS-80-4T-4       | 1430             | 11.40                          | 6.60          |       | 3.00                 | 16                       | 30250                  | 80                         | 103                 |
| CJ HC PS-80-4/8T-4     | 1420 / 705       |                                | 6.90 / 2.30   |       | 3.00 / 0.60          | 16                       | 30250 / 15125          | 80 / 65                    | 115                 |
| CJ HC PS-80-4T-5,5     | 1440             |                                | 8.40          | 4.85  | 4.00                 | 18                       | 32750                  | 81                         | 113                 |
| CJ HC PS-80-4/8T-5,5   | 1450 / 720       |                                | 9.40 / 3.50   |       | 4.00 / 0.80          | 18                       | 32750 / 16375          | 81 / 66                    | 147                 |
| CJ HC PS-80-6T-1,5     | 945              | 6.40                           | 3.70          |       | 1.10                 | 18                       | 21450                  | 70                         | 95                  |
| CJ HC PS-80-6/12T-1,5  | 940 / 450        |                                | 3.30 / 1.20   |       | 1.10 / 0.18          | 18                       | 21450 / 10725          | 70 / 55                    | 105                 |
| CJ HC PS-80-6T-2       | 945              | 7.40                           | 4.30          |       | 1.50                 | 26                       | 25950                  | 71                         | 99                  |
| CJ HC PS-80-6/12T-2    | 960 / 470        |                                | 4.30 / 1.70   |       | 1.50 / 0.25          | 26                       | 25950 / 12975          | 71 / 56                    | 113                 |
| CJ HC PS-80-6T-3       | 950              | 10.30                          | 5.90          |       | 2.20                 | 32                       | 29950                  | 72                         | 113                 |
| CJ HC PS-80-6/12T-3    | 940 / 470        |                                | 5.60 / 2.20   |       | 2.20 / 0.37          | 32                       | 29950 / 14975          | 72 / 57                    | 118                 |
| CJ HC PS-80-8T-0,75    | 700              | 3.60                           | 2.10          |       | 0.55                 | 20                       | 17550                  | 68                         | 99                  |
| CJ HC PS-80-8T-1       | 710              | 4.80                           | 2.80          |       | 0.75                 | 28                       | 20650                  | 69                         | 111                 |
| CJ HC PS-90-4T-4       | 1430             | 11.40                          | 6.60          |       | 3.00                 | 8                        | 33600                  | 84                         | 127                 |
| CJ HC PS-90-4/8T-4     | 1420 / 705       |                                | 6.90 / 2.30   |       | 3.00 / 0.60          | 8                        | 33600 / 16800          | 84 / 69                    | 139                 |
| CJ HC PS-90-4T-5,5     | 1440             |                                | 8.40          | 4.85  | 4.00                 | 12                       | 38900                  | 86                         | 137                 |
| CJ HC PS-90-4/8T-5,5   | 1450 / 720       |                                | 9.40 / 3.50   |       | 4.00 / 0.80          | 12                       | 38900 / 19450          | 86 / 71                    | 171                 |
| CJ HC PS-90-4T-7,5     | 1430             |                                | 11.50         | 6.64  | 5.50                 | 18                       | 46150                  | 88                         | 171                 |
| CJ HC PS-90-4/8T-7,5   | 1455 / 725       |                                | 12.80 / 4.60  |       | 5.50 / 1.10          | 18                       | 46150 / 23075          | 88 / 73                    | 190                 |
| CJ HC PS-90-4T-10      | 1460             |                                | 17.70         | 10.22 | 7.50                 | 22                       | 50150                  | 89                         | 208                 |
| CJ HC PS-90-4/8T-9     | 1455 / 725       |                                | 15.50 / 5.50  |       | 6.70 / 1.50          | 22                       | 50150 / 25075          | 89 / 74                    | 198                 |
| CJ HC PS-90-6T-2       | 945              | 7.40                           | 4.30          |       | 1.50                 | 16                       | 28800                  | 75                         | 123                 |
| CJ HC PS-90-6/12T-2    | 960 / 470        |                                | 4.30 / 1.70   |       | 1.50 / 0.25          | 16                       | 28800 / 14400          | 75 / 60                    | 137                 |
| CJ HC PS-90-6T-3       | 950              | 10.30                          | 5.90          |       | 2.20                 | 24                       | 34000                  | 76                         | 137                 |
| CJ HC PS-90-6/12T-3    | 940 / 470        |                                | 5.60 / 2.20   |       | 2.20 / 0.37          | 24                       | 34000 / 17000          | 76 / 61                    | 142                 |
| CJ HC PS-90-6T-4       | 945              | 15.00                          | 8.70          |       | 3.00                 | 30                       | 38900                  | 77                         | 171                 |
| CJ HC PS-90-6/12T-4    | 970 / 475        |                                | 8.90 / 3.50   |       | 3.00 / 0.55          | 30                       | 38900 / 19450          | 77 / 62                    | 171                 |
| CJ HC PS-90-8T-1       | 710              | 4.80                           | 2.80          |       | 0.75                 | 18                       | 22900                  | 69                         | 135                 |
| CJ HC PS-90-8T-2       | 700              | 9.00                           | 5.20          |       | 1.50                 | 30                       | 29500                  | 71                         | 139                 |
| CJ HC PS-90-8T-3       | 705              | 13.20                          | 7.60          |       | 2.20                 | 32                       | 30850                  | 72                         | 171                 |
| CJ HC PS-100-4T-7,5    | 1430             |                                | 11.50         | 6.64  | 5.50                 | 10                       | 46850                  | 89                         | 179                 |
| CJ HC PS-100-4/8T-7,5  | 1455 / 725       |                                | 12.80 / 4.60  |       | 5.50 / 1.10          | 10                       | 46850 / 23425          | 89 / 74                    | 198                 |
| CJ HC PS-100-4T-10     | 1460             |                                | 17.70         | 10.22 | 7.50                 | 16                       | 57400                  | 90                         | 216                 |
| CJ HC PS-100-4/8T-9    | 1455 / 725       |                                | 15.50 / 5.50  |       | 6.70 / 1.50          | 14                       | 54700 / 27350          | 90 / 75                    | 206                 |
| CJ HC PS-100-4T-15     | 1455             |                                | 23.00         | 13.28 | 11.00                | 22                       | 66300                  | 91                         | 251                 |
| CJ HC PS-100-4/8T-15   | 1470 / 725       |                                | 23.20 / 8.70  |       | 11.00 / 2.80         | 22                       | 66300 / 33150          | 91 / 76                    | 251                 |
| CJ HC PS-100-4T-20     | 1460             |                                | 29.00         | 16.74 | 15.00                | 28                       | 76150                  | 92                         | 258                 |
| CJ HC PS-100-4/8T-20   | 1470 / 725       |                                | 31.70 / 11.80 |       | 15.00 / 3.80         | 28                       | 76150 / 38075          | 92 / 77                    | 258                 |
| CJ HC PS-100-6T-3      | 950              | 10.30                          | 5.90          |       | 2.20                 | 16                       | 37600                  | 80                         | 145                 |
| CJ HC PS-100-6/12T-3   | 940 / 470        |                                | 5.60 / 2.20   |       | 2.20 / 0.37          | 16                       | 37600 / 18800          | 80 / 65                    | 150                 |
| CJ HC PS-100-6T-4      | 945              | 15.00                          | 8.70          |       | 3.00                 | 20                       | 41150                  | 81                         | 179                 |
| CJ HC PS-100-6/12T-4   | 970 / 475        |                                | 8.90 / 3.50   |       | 3.00 / 0.55          | 20                       | 41150 / 20575          | 81 / 66                    | 179                 |
| CJ HC PS-100-6T-5,5    | 970              |                                | 11.00         | 6.35  | 4.00                 | 26                       | 47800                  | 82                         | 187                 |
| CJ HC PS-100-6/12T-5,5 | 970 / 480        |                                | 11.30 / 4.20  |       | 4.00 / 0.65          | 26                       | 47800 / 23900          | 82 / 67                    | 206                 |
| CJ HC PS-100-8T-2      | 700              | 9.00                           | 5.20          |       | 1.50                 | 22                       | 32900                  | 75                         | 147                 |
| CJ HC PS-100-8T-3      | 705              | 13.20                          | 7.60          |       | 2.20                 | 30                       | 39400                  | 75                         | 179                 |
| CJ HC PS-100-8T-4      | 710              | 15.60                          | 9.00          |       | 3.00                 | 32                       | 40550                  | 76                         | 216                 |
| CJ HC PS-125-4T/3-10   | 1460             |                                | 17.70         | 10.22 | 7.50                 | 8                        | 58550                  | 85                         | 395                 |
| CJ HC PS-125-4/8T/3-9  | 1455 / 725       |                                | 15.50 / 5.50  |       | 6.70 / 1.50          | 8                        | 58550 / 29275          | 85 / 65                    | 409                 |
| CJ HC PS-125-4T/3-15   | 1455             |                                | 23.00         | 13.28 | 11.00                | 14                       | 77750                  | 86                         | 450                 |
| CJ HC PS-125-4/8T/3-15 | 1470 / 725       |                                | 23.20 / 8.70  |       | 11.00 / 2.80         | 14                       | 77750 / 38875          | 86 / 66                    | 456                 |
| CJ HC PS-125-4T/3-20   | 1460             |                                | 29.00         | 16.74 | 15.00                | 18                       | 91450                  | 88                         | 457                 |
| CJ HC PS-125-4/8T/3-20 | 1470 / 725       |                                | 31.70 / 11.80 |       | 15.00 / 3.80         | 18                       | 91450 / 45725          | 88 / 68                    | 476                 |
| CJ HC PS-125-4T/3-25   | 1465             |                                | 37.00         | 21.36 | 18.50                | 20                       | 98350                  | 88                         | 540                 |

## Technical characteristics

| Model                    | Speed<br>(r/min) | Maximum admissible current (A) |               |       | Power installed (kW) | Tilting angle blades (°) | Airflow maximum (m³/h) | Sound pressure level dB(A) | Approx. weight (Kg) |
|--------------------------|------------------|--------------------------------|---------------|-------|----------------------|--------------------------|------------------------|----------------------------|---------------------|
|                          |                  | 230V                           | 400V          | 690V  |                      |                          |                        |                            |                     |
| CJ HC PS-125-4T/3-30     | 1470             |                                | 42.00         | 24.25 | 22.00                | 24                       | 110350                 | 89                         | 545                 |
| CJ HC PS-125-4/8T/3-27   | 1470 / 735       |                                | 38.00 / 13.00 |       | 20.00 / 4.00         | 22                       | 104400 / 52200         | 89 / 68                    | 548                 |
| CJ HC PS-125-4/8T/3-37   | 1475 / 735       |                                | 51.00 / 20.60 |       | 27.00 / 6.00         | 28                       | 120700 / 60350         | 90 / 69                    | 625                 |
| CJ HC PS-125-4T/3-40     | 1475             |                                | 58.00         | 33.49 | 30.00                | 30                       | 125000                 | 90                         | 598                 |
| CJ HC PS-125-4/8T/3-40   | 1480 / 735       |                                | 62.00 / 27.00 |       | 30.00 / 10.00        | 30                       | 125000 / 62500         | 90 / 69                    | 638                 |
| CJ HC PS-125-4T/6-20     | 1460             |                                | 29.00         | 16.74 | 15.00                | 10                       | 78600                  | 86                         | 466                 |
| CJ HC PS-125-4/8T/6-20   | 1470 / 725       |                                | 31.70 / 11.80 |       | 15.00 / 3.80         | 10                       | 78600 / 39300          | 86 / 65                    | 485                 |
| CJ HC PS-125-4/8T/6-22   | 1470 / 735       |                                | 31.80 / 12.00 |       | 16.50 / 3.30         | 12                       | 85600 / 42800          | 86 / 66                    | 555                 |
| CJ HC PS-125-4T/6-25     | 1465             |                                | 37.00         | 21.36 | 18.50                | 14                       | 92550                  | 87                         | 549                 |
| CJ HC PS-125-4/8T/6-27   | 1470 / 735       |                                | 38.00 / 13.00 |       | 20.00 / 4.00         | 16                       | 98850 / 49425          | 87 / 66                    | 557                 |
| CJ HC PS-125-4T/6-30     | 1470             |                                | 42.00         | 24.25 | 22.00                | 16                       | 98850                  | 87                         | 554                 |
| CJ HC PS-125-4/8T/6-37   | 1475 / 735       |                                | 51.00 / 20.60 |       | 27.00 / 6.00         | 20                       | 110900 / 55450         | 87 / 67                    | 633                 |
| CJ HC PS-125-4T/6-40     | 1475             |                                | 58.00         | 33.49 | 30.00                | 22                       | 117450                 | 89                         | 606                 |
| CJ HC PS-125-4/8T/6-40   | 1480 / 735       |                                | 62.00 / 27.00 |       | 30.00 / 10.00        | 22                       | 117450 / 58725         | 89 / 68                    | 646                 |
| CJ HC PS-125-4T/6-50     | 1480             |                                | 73.00         | 42.15 | 37.00                | 26                       | 131050                 | 90                         | 734                 |
| CJ HC PS-125-4T/9-25     | 1465             |                                | 37.00         | 21.36 | 18.50                | 10                       | 79650                  | 85                         | 558                 |
| CJ HC PS-125-4/8T/9-22   | 1470 / 735       |                                | 31.80 / 12.00 |       | 16.50 / 3.30         | 8                        | 71150 / 35575          | 85 / 66                    | 564                 |
| CJ HC PS-125-4T/9-30     | 1470             |                                | 42.00         | 24.25 | 22.00                | 12                       | 88300                  | 86                         | 563                 |
| CJ HC PS-125-4/8T/9-27   | 1470 / 735       |                                | 38.00 / 13.00 |       | 20.00 / 4.00         | 12                       | 88300 / 44150          | 86 / 67                    | 566                 |
| CJ HC PS-125-4/8T/9-37   | 1475 / 735       |                                | 51.00 / 20.60 |       | 27.00 / 6.00         | 16                       | 104050 / 52025         | 87 / 67                    | 642                 |
| CJ HC PS-125-4T/9-40     | 1475             |                                | 58.00         | 33.49 | 30.00                | 16                       | 104050                 | 88                         | 615                 |
| CJ HC PS-125-4/8T/9-40   | 1480 / 735       |                                | 62.00 / 27.00 |       | 30.00 / 10.00        | 16                       | 104050 / 52025         | 88 / 68                    | 655                 |
| CJ HC PS-125-4T/9-50     | 1480             |                                | 73.00         | 42.15 | 37.00                | 20                       | 118400                 | 90                         | 743                 |
| CJ HC PS-125-6T/3-4      | 945              | 15.00                          | 8.70          |       | 3.00                 | 12                       | 46750                  | 77                         | 385                 |
| CJ HC PS-125-6/12T/3-4   | 970 / 475        |                                | 8.90 / 3.50   |       | 3.00 / 0.55          | 12                       | 46750 / 23375          | 77 / 62                    | 401                 |
| CJ HC PS-125-6T/3-5,5    | 970              |                                | 11.00         | 6.35  | 4.00                 | 16                       | 55400                  | 78                         | 393                 |
| CJ HC PS-125-6/12T/3-5,5 | 970 / 480        |                                | 11.30 / 4.20  |       | 4.00 / 0.65          | 16                       | 55400 / 27700          | 78 / 63                    | 432                 |
| CJ HC PS-125-6T/3-7,5    | 970              |                                | 14.00         | 8.08  | 5.50                 | 22                       | 68400                  | 79                         | 401                 |
| CJ HC PS-125-6/12T/3-7,5 | 970 / 480        |                                | 13.70 / 5.60  |       | 5.50 / 1.00          | 22                       | 68400 / 34200          | 79 / 64                    | 445                 |
| CJ HC PS-125-6T/3-10     | 960              |                                | 18.60         | 10.74 | 7.50                 | 28                       | 79150                  | 81                         | 449                 |
| CJ HC PS-125-6/12T/3-10  | 970 / 480        |                                | 19.00 / 8.00  |       | 7.50 / 1.40          | 28                       | 79150 / 39575          | 81 / 66                    | 457                 |
| CJ HC PS-125-6T/3-15     | 955              |                                | 26.00         | 15.01 | 11.00                | 34                       | 87150                  | 82                         | 466                 |
| CJ HC PS-125-6/12T/3-15  | 970 / 470        |                                | 28.50 / 13.00 |       | 11.00 / 2.00         | 34                       | 87150 / 43575          | 82 / 67                    | 557                 |
| CJ HC PS-125-6T/3-20     | 950              |                                | 35.50         | 20.50 | 15.00                | 38                       | 91650                  | 83                         | 533                 |
| CJ HC PS-125-6/12T/3-24  | 970 / 480        |                                | 36.00 / 14.50 |       | 17.50 / 3.50         | 38                       | 91650 / 45825          | 83 / 68                    | 623                 |
| CJ HC PS-125-6T/6-5,5    | 970              |                                | 11.00         | 6.35  | 4.00                 | 10                       | 51500                  | 75                         | 402                 |
| CJ HC PS-125-6/12T/6-5,5 | 970 / 480        |                                | 11.30 / 4.20  |       | 4.00 / 0.65          | 10                       | 51500 / 25750          | 75 / 60                    | 441                 |
| CJ HC PS-125-6T/6-7,5    | 970              |                                | 14.00         | 8.08  | 5.50                 | 14                       | 60650                  | 75                         | 410                 |
| CJ HC PS-125-6/12T/6-7,5 | 970 / 480        |                                | 13.70 / 5.60  |       | 5.50 / 1.00          | 14                       | 60650 / 30325          | 75 / 60                    | 454                 |
| CJ HC PS-125-6T/6-10     | 960              |                                | 18.60         | 10.74 | 7.50                 | 20                       | 72650                  | 77                         | 458                 |
| CJ HC PS-125-6/12T/6-10  | 970 / 480        |                                | 19.00 / 8.00  |       | 7.50 / 1.40          | 20                       | 72650 / 36325          | 77 / 62                    | 466                 |
| CJ HC PS-125-6T/6-15     | 955              |                                | 26.00         | 15.01 | 11.00                | 26                       | 85850                  | 79                         | 475                 |
| CJ HC PS-125-6/12T/6-15  | 970 / 470        |                                | 19.00 / 8.00  |       | 11.00 / 2.00         | 26                       | 85850 / 42925          | 79 / 64                    | 566                 |
| CJ HC PS-125-6T/6-20     | 950              |                                | 35.50         | 20.50 | 15.00                | 30                       | 92850                  | 80                         | 542                 |
| CJ HC PS-125-6/12T/6-24  | 970 / 480        |                                | 36.00 / 14.50 |       | 17.50 / 3.50         | 34                       | 99650 / 49825          | 80 / 65                    | 631                 |
| CJ HC PS-125-6T/9-10     | 960              |                                | 18.60         | 10.74 | 7.50                 | 14                       | 63500                  | 76                         | 467                 |
| CJ HC PS-125-6/12T/9-10  | 970 / 480        |                                | 19.00 / 8.00  |       | 7.50 / 1.40          | 14                       | 63500 / 31750          | 76 / 61                    | 475                 |
| CJ HC PS-125-6T/9-15     | 955              |                                | 26.00         | 15.01 | 11.00                | 20                       | 77550                  | 79                         | 484                 |
| CJ HC PS-125-6/12T/9-15  | 970 / 470        |                                | 28.50 / 13.00 |       | 11.00 / 2.00         | 20                       | 77550 / 38775          | 79 / 64                    | 575                 |
| CJ HC PS-125-6T/9-20     | 950              |                                | 35.50         | 20.50 | 15.00                | 26                       | 92950                  | 82                         | 551                 |
| CJ HC PS-125-6/12T/9-24  | 970 / 480        |                                | 36.00 / 14.50 |       | 17.50 / 3.50         | 30                       | 98500 / 49250          | 82 / 67                    | 640                 |

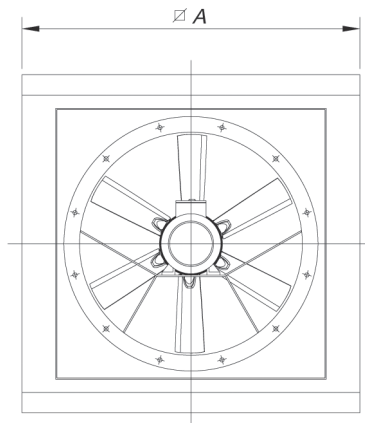
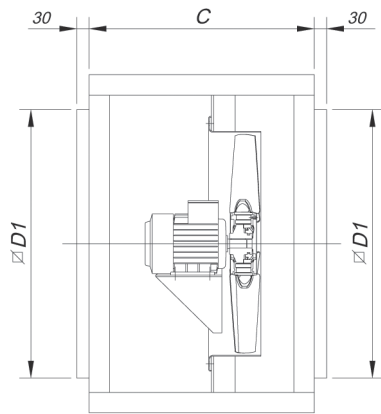
## Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

|            | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |              | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|------------|----|-----|-----|-----|------|------|------|------|--------------|----|-----|-----|-----|------|------|------|------|
| 40-2-1.5   | 45 | 66  | 73  | 78  | 81   | 77   | 70   | 59   | 90-12-4      | 40 | 53  | 60  | 65  | 68   | 64   | 57   | 46   |
| 40-2-2     | 46 | 67  | 74  | 79  | 82   | 78   | 71   | 60   | 100-4-7.5    | 62 | 82  | 90  | 95  | 97   | 94   | 87   | 76   |
| 40-4-0.75  | 33 | 54  | 61  | 66  | 69   | 65   | 58   | 47   | 100-4-9      | 61 | 81  | 89  | 94  | 96   | 93   | 86   | 75   |
| 40-4-1.5   | 30 | 51  | 58  | 63  | 66   | 62   | 55   | 44   | 100-4-10     | 60 | 80  | 88  | 93  | 95   | 92   | 85   | 74   |
| 40-4-2     | 31 | 52  | 59  | 64  | 67   | 63   | 56   | 45   | 100-4-15     | 59 | 79  | 87  | 92  | 94   | 91   | 84   | 73   |
| 40-6       | 23 | 44  | 51  | 56  | 59   | 55   | 48   | 37   | 100-4-20     | 61 | 81  | 89  | 94  | 96   | 93   | 86   | 75   |
| 40-12      | 8  | 29  | 36  | 41  | 44   | 40   | 33   | 22   | 100-6-3      | 60 | 71  | 79  | 84  | 86   | 83   | 76   | 65   |
| 45-2-2     | 47 | 68  | 75  | 80  | 83   | 79   | 72   | 61   | 100-6-4      | 61 | 69  | 77  | 82  | 84   | 81   | 74   | 63   |
| 45-2-3     | 49 | 70  | 77  | 82  | 85   | 81   | 74   | 63   | 100-6-5.5    | 62 | 71  | 79  | 84  | 86   | 83   | 76   | 65   |
| 45-4-0.75  | 37 | 58  | 65  | 70  | 73   | 69   | 62   | 51   | 100-8-2      | 55 | 65  | 73  | 78  | 80   | 77   | 70   | 59   |
| 45-4-2     | 32 | 53  | 60  | 65  | 68   | 64   | 57   | 46   | 100-8-3      | 55 | 67  | 75  | 80  | 82   | 79   | 72   | 61   |
| 45-4-3     | 34 | 55  | 62  | 67  | 70   | 66   | 59   | 48   | 100-8-4      | 56 | 67  | 75  | 80  | 82   | 79   | 72   | 61   |
| 45-6       | 25 | 46  | 53  | 58  | 61   | 57   | 50   | 39   | 100-8-7.5    | 47 | 67  | 75  | 80  | 82   | 79   | 72   | 61   |
| 45-12      | 10 | 31  | 38  | 43  | 46   | 42   | 35   | 24   | 100-8-9      | 46 | 66  | 74  | 79  | 81   | 78   | 71   | 60   |
| 50-2-4     | 54 | 74  | 82  | 87  | 89   | 86   | 79   | 68   | 100-8-15     | 44 | 64  | 72  | 77  | 79   | 76   | 69   | 58   |
| 50-2-6     | 55 | 75  | 83  | 88  | 90   | 87   | 80   | 69   | 100-8-20     | 45 | 65  | 73  | 78  | 80   | 77   | 70   | 59   |
| 50-4-1     | 41 | 61  | 69  | 74  | 76   | 73   | 66   | 55   | 100-12-3     | 45 | 54  | 62  | 67  | 69   | 66   | 59   | 48   |
| 50-4-4     | 39 | 59  | 67  | 72  | 74   | 71   | 64   | 53   | 100-12-4     | 46 | 53  | 61  | 66  | 68   | 65   | 58   | 47   |
| 50-4-6     | 40 | 60  | 68  | 73  | 75   | 72   | 65   | 54   | 100-12-5.5   | 47 | 54  | 62  | 67  | 69   | 66   | 59   | 48   |
| 50-6       | 30 | 50  | 58  | 63  | 65   | 62   | 55   | 44   | 125-4/3-9    | 67 | 73  | 85  | 95  | 95   | 91   | 83   | 79   |
| 50-12      | 15 | 35  | 43  | 48  | 50   | 47   | 40   | 29   | 125-4/3-10   | 67 | 73  | 85  | 95  | 95   | 91   | 83   | 79   |
| 56-2-6     | 60 | 80  | 88  | 93  | 95   | 92   | 85   | 74   | 125-4/3-15   | 68 | 74  | 86  | 96  | 96   | 92   | 84   | 80   |
| 56-2-12    | 61 | 81  | 89  | 94  | 96   | 93   | 86   | 75   | 125-4/3-20   | 70 | 76  | 88  | 98  | 98   | 94   | 86   | 82   |
| 56-4-1     | 45 | 65  | 73  | 78  | 80   | 77   | 70   | 59   | 125-4/3-25   | 70 | 76  | 88  | 98  | 98   | 94   | 86   | 82   |
| 56-4-1.5   | 46 | 66  | 74  | 79  | 81   | 78   | 71   | 60   | 125-4/3-27   | 71 | 77  | 89  | 99  | 99   | 95   | 87   | 83   |
| 56-4-2     | 47 | 67  | 75  | 80  | 82   | 79   | 72   | 61   | 125-4/3-30   | 71 | 77  | 89  | 99  | 99   | 95   | 87   | 83   |
| 56-4-6     | 44 | 64  | 72  | 77  | 79   | 76   | 69   | 58   | 125-4/3-37   | 72 | 78  | 90  | 100 | 100  | 96   | 88   | 84   |
| 56-4-12    | 46 | 66  | 74  | 79  | 81   | 78   | 71   | 60   | 125-4/3-40   | 72 | 78  | 90  | 100 | 100  | 96   | 88   | 84   |
| 56-6       | 35 | 55  | 63  | 68  | 70   | 67   | 60   | 49   | 125-6/3-4    | 63 | 71  | 83  | 87  | 85   | 80   | 71   | 67   |
| 56-8-1.5   | 31 | 51  | 59  | 64  | 66   | 63   | 56   | 45   | 125-6/3-5.5  | 64 | 72  | 84  | 88  | 86   | 81   | 72   | 68   |
| 56-8-2     | 32 | 52  | 60  | 65  | 67   | 64   | 57   | 46   | 125-6/3-7.5  | 65 | 73  | 85  | 89  | 87   | 82   | 73   | 69   |
| 56-12      | 20 | 40  | 48  | 53  | 55   | 52   | 45   | 34   | 125-6/3-10   | 67 | 75  | 87  | 91  | 89   | 84   | 75   | 71   |
| 63-4-1     | 47 | 67  | 75  | 80  | 82   | 79   | 72   | 61   | 125-6/3-15   | 68 | 76  | 88  | 92  | 90   | 85   | 76   | 72   |
| 63-4-1.5   | 46 | 66  | 74  | 79  | 81   | 78   | 71   | 62   | 125-6/3-20   | 69 | 77  | 89  | 93  | 91   | 86   | 77   | 73   |
| 63-4-2     | 49 | 66  | 74  | 79  | 81   | 78   | 71   | 63   | 125-6/3-24   | 69 | 77  | 89  | 93  | 91   | 86   | 77   | 73   |
| 63-4-3     | 50 | 68  | 76  | 81  | 83   | 80   | 75   | 64   | 125-8/3-9    | 47 | 53  | 65  | 75  | 75   | 71   | 63   | 59   |
| 63-4-4     | 51 | 69  | 77  | 82  | 84   | 81   | 76   | 65   | 125-8/3-15   | 48 | 54  | 66  | 76  | 76   | 72   | 64   | 60   |
| 63-6-0.75  | 40 | 58  | 66  | 71  | 73   | 70   | 63   | 54   | 125-8/3-20   | 50 | 56  | 68  | 78  | 78   | 74   | 66   | 62   |
| 63-6-1     | 41 | 60  | 68  | 73  | 75   | 72   | 65   | 55   | 125-8/3-27   | 50 | 56  | 68  | 78  | 78   | 74   | 66   | 62   |
| 63-8-1.5   | 31 | 51  | 59  | 64  | 66   | 63   | 56   | 47   | 125-8/3-37   | 51 | 57  | 69  | 79  | 79   | 75   | 67   | 63   |
| 63-8-2     | 34 | 51  | 59  | 64  | 66   | 63   | 56   | 48   | 125-8/3-40   | 51 | 57  | 69  | 79  | 79   | 75   | 67   | 63   |
| 63-8-3     | 35 | 53  | 61  | 66  | 68   | 65   | 60   | 49   | 125-12/3-4   | 48 | 56  | 68  | 72  | 70   | 65   | 56   | 52   |
| 63-8-4     | 36 | 54  | 62  | 67  | 69   | 66   | 61   | 50   | 125-12/3-5.5 | 49 | 57  | 69  | 73  | 71   | 66   | 57   | 53   |
| 63-12-0.75 | 25 | 41  | 49  | 54  | 56   | 53   | 46   | 35   | 125-12/3-7.5 | 50 | 58  | 70  | 74  | 72   | 67   | 58   | 54   |
| 63-12-1    | 26 | 43  | 51  | 56  | 58   | 55   | 48   | 40   | 125-12/3-10  | 52 | 60  | 72  | 76  | 74   | 69   | 60   | 56   |
| 71-4-1.5   | 52 | 72  | 80  | 85  | 87   | 84   | 77   | 66   | 125-12/3-15  | 53 | 61  | 73  | 77  | 75   | 70   | 61   | 57   |
| 71-4-2     | 51 | 71  | 79  | 84  | 86   | 83   | 76   | 67   | 125-12/3-24  | 54 | 62  | 74  | 78  | 76   | 71   | 62   | 58   |
| 71-4-3     | 55 | 70  | 78  | 83  | 85   | 82   | 75   | 69   | 125-4/6-20   | 64 | 72  | 88  | 95  | 97   | 92   | 86   | 82   |
| 71-4-4     | 56 | 71  | 79  | 84  | 86   | 83   | 76   | 70   | 125-4/6-22   | 64 | 72  | 88  | 95  | 97   | 92   | 86   | 82   |
| 71-6-0.75  | 42 | 62  | 70  | 73  | 75   | 72   | 65   | 54   | 125-4/6-25   | 65 | 73  | 89  | 96  | 98   | 93   | 87   | 83   |
| 71-6-1     | 43 | 63  | 71  | 73  | 75   | 72   | 65   | 54   | 125-4/6-27   | 65 | 73  | 89  | 96  | 98   | 93   | 87   | 83   |
| 71-6-1.5   | 44 | 64  | 69  | 74  | 76   | 73   | 66   | 55   | 125-4/6-30   | 65 | 73  | 89  | 96  | 98   | 93   | 87   | 83   |
| 71-8-1.5   | 37 | 56  | 64  | 69  | 71   | 68   | 62   | 51   | 125-4/6-37   | 65 | 73  | 89  | 96  | 98   | 93   | 87   | 83   |
| 71-8-2     | 36 | 56  | 64  | 69  | 71   | 68   | 61   | 52   | 125-4/6-40   | 67 | 75  | 91  | 98  | 100  | 95   | 89   | 85   |
| 71-8-3     | 40 | 55  | 63  | 68  | 70   | 67   | 60   | 54   | 125-4/6-50   | 68 | 76  | 92  | 99  | 101  | 96   | 90   | 86   |
| 71-8-4     | 41 | 56  | 64  | 69  | 71   | 68   | 61   | 55   | 125-6/6-5.5  | 58 | 67  | 80  | 83  | 84   | 81   | 70   | 66   |
| 71-12-0.75 | 27 | 43  | 51  | 56  | 58   | 55   | 48   | 37   | 125-6/6-7.5  | 58 | 67  | 80  | 83  | 84   | 81   | 70   | 66   |
| 71-12-1    | 28 | 44  | 52  | 57  | 59   | 56   | 49   | 38   | 125-6/6-10   | 60 | 69  | 82  | 85  | 86   | 83   | 72   | 68   |
| 71-12-1.5  | 29 | 44  | 52  | 57  | 59   | 56   | 49   | 38   | 125-6/6-15   | 62 | 71  | 84  | 87  | 88   | 85   | 74   | 70   |
| 80-4-3     | 56 | 75  | 83  | 89  | 90   | 87   | 81   | 70   | 125-6/6-20   | 63 | 72  | 85  | 88  | 89   | 86   | 75   | 71   |
| 80-4-4     | 54 | 74  | 82  | 87  | 89   | 86   | 79   | 71   | 125-6/6-24   | 63 | 72  | 85  | 88  | 89   | 86   | 75   | 71   |
| 80-4-5.5   | 54 | 74  | 82  | 87  | 89   | 86   | 79   | 72   | 125-8/6-20   | 43 | 51  | 67  | 74  | 76   | 71   | 65   | 61   |
| 80-6-1.5   | 47 | 64  | 72  | 77  | 79   | 76   | 69   | 58   | 125-8/6-22   | 44 | 52  | 68  | 75  | 77   | 72   | 66   | 62   |
| 80-6-2     | 48 | 65  | 73  | 78  | 80   | 77   | 70   | 59   | 125-8/6-27   | 44 | 52  | 68  | 75  | 77   | 72   | 66   | 62   |
| 80-6-3     | 49 | 66  | 74  | 79  | 81   | 78   | 71   | 60   | 125-8/6-37   | 45 | 53  | 69  | 76  | 78   | 73   | 67   | 63   |
| 80-8-0.75  | 45 | 58  | 66  | 71  | 73   | 70   | 63   | 52   | 125-8/6-40   | 46 | 54  | 70  | 77  | 79   | 74   | 68   | 64   |
| 80-8-1     | 46 | 59  | 67  | 72  | 74   | 71   | 64   | 53   | 125-12/6-5.5 | 43 | 52  | 65  | 68  | 69   | 66   | 55   | 51   |
| 80-8-3     | 41 | 60  | 68  | 74  | 75   | 72   | 66   | 55   | 125-12/6-7.5 | 43 | 52  | 65  | 68  | 69   | 66   | 55   | 51   |
| 80-8-4     | 39 | 59  | 67  | 72  | 74   | 71   | 64   | 56   | 125-12/6-10  | 45 | 54  | 67  | 70  | 71   | 68   | 57   | 53   |
| 80-8-5.5   | 38 | 58  | 66  | 71  | 73   | 70   | 63   | 57   | 125-12/6-15  | 47 | 56  | 69  | 72  | 73   | 70   | 59   | 55   |
| 80-12-1.5  | 32 | 47  | 55  | 60  | 62   | 59   | 52   | 41   | 125-12/6-24  | 48 | 57  | 70  | 73  | 74   | 71   | 60   | 56   |
| 80-12-2    | 33 | 48  | 56  | 61  | 63   | 60   | 53   | 42   | 125-4/9-22   | 63 | 71  | 88  | 94  | 95   | 90   | 85   | 81   |
| 80-12-3    | 34 | 49  | 57  | 62  | 64   | 61   | 54   | 43   | 125-4/9-25   | 63 | 71  | 88  | 94  | 95   | 90   | 85   | 81   |
| 90-4-4     | 59 | 80  | 87  | 92  | 95   | 91   | 84   | 76   | 125-4/9-27   | 64 | 72  | 89  | 95  | 96   | 91   | 86   | 82   |
| 90-4-5.5   | 58 | 79  | 86  | 91  | 94   | 90   | 83   | 72   | 125-4/9-30   | 64 | 72  | 89  | 95  | 96   | 91   | 86   | 82   |
| 90-4-7.5   | 57 | 78  | 85  | 90  | 93   | 89   | 82   | 71   | 125-4/9-37   | 65 | 73  | 90  | 96  | 97   | 92   | 87   | 83   |
| 90-4-9     | 56 | 77  | 84  | 89  | 92   | 88   | 81   | 70   | 125-4/9-40   | 66 | 74  | 91  | 97  | 98   | 93   | 88   | 84   |
| 90-4-10    | 56 | 77  | 84  | 89  | 92   | 88   | 81   | 70   | 125-4/9-50   | 68 | 76  | 93  | 99  | 100  | 95   | 90   | 86   |
| 90-6-2     | 47 | 68  | 75  | 80  | 83   | 79   | 72   | 61   | 125-6/9-10   | 56 | 66  | 81  | 85  | 84   | 83   | 72   | 68   |
| 90-6-3     | 54 | 68  | 75  | 80  | 83   | 79   | 72   | 61   | 125-6/9-15   | 59 | 69  | 84  | 88  | 87   | 86   | 75   | 71   |
| 90-6-4     | 55 | 70  | 77  | 82  | 85   | 81   | 74   | 63   | 125-6/9-20   | 62 | 72  | 87  | 91  | 90   | 89   | 78   | 74   |
| 90-8-1     | 40 | 61  | 68  | 73  | 76   | 72   | 65   | 54   | 125-6/9-24   | 62 | 72  | 87  | 91  | 90   | 89   | 78   | 74   |
| 90-8-2     | 49 | 64  | 71  | 76  | 79   | 75   | 68   | 57   | 125-8/9-22   | 44 | 52  | 69  | 75  | 76   | 71   | 66   | 62   |
| 90-8-3     | 50 | 64  | 71  | 76  | 79   | 75   | 68   | 57   | 125-8/9-27   | 45 | 53  | 70  |     |      |      |      |      |

## Dimensions in mm



| Model             | ∅A   | C    | ∅D1  |
|-------------------|------|------|------|
| CJ HC PS-40/45/50 | 700  | 550  | 565  |
| CJ HC PS-56/63    | 825  | 550  | 690  |
| CJ HC PS-71/80    | 1000 | 650  | 850  |
| CJ HC PS-90/100   | 1200 | 750  | 1050 |
| CJ HC PS-125      | 1600 | 1200 | 1400 |

## Characteristic curves

See characteristic curves on page 19 and above.

## Accessories

See accessories section



Accessories on request.



## EXAMPLE OF SELECTION

Characteristic curves

HC PS CJHC PS:

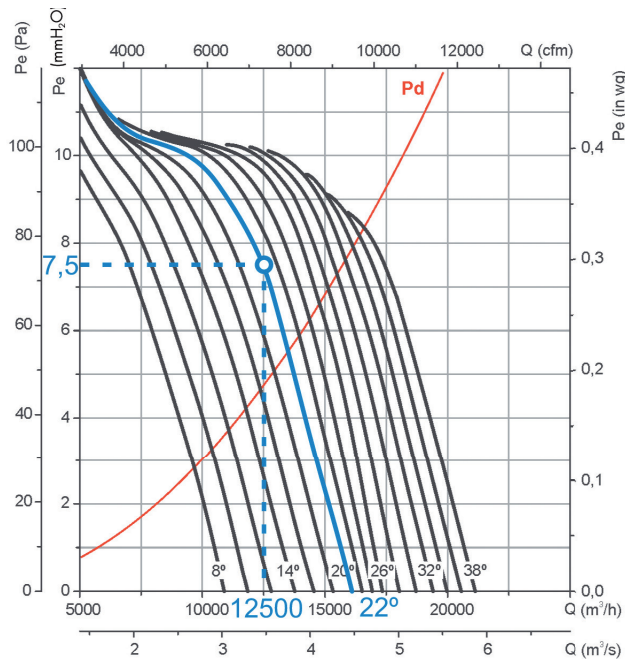
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 71

Number of poles: 6

Number of blades: 6



### Initial data

- Working point:
- Airflow: 12,500 m<sup>3</sup>/h
- Loss of load: 7.5 mm w.c.

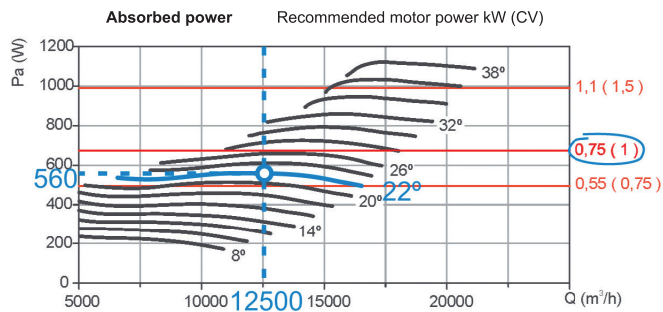
### Steps for the selection of equipment

On the pressure graph:

1. Mark the working point, defined by the airflow (12,500 m<sup>3</sup>/h) and the loss of load (7.5 mm w.c.).
2. Select the curve of the equipment which is closest above the working point. In our case, a curve with a blade angle of 22° is obtained.

On the power graph:

3. Mark the working point, defined by the airflow (12,500 m<sup>3</sup>/h) and the selected blade angle (22°).
4. Read the absorbed power on the power axis on the left. Pa = 560 W at the working point.
5. Look for the straight red line which is closest to the working point above. On the right-hand side of the graph, the value of the installed motor power is obtained. In our case, this is 0.75 kW or 1 CV.



## EXAMPLE OF ORDER CODE

From size 125 tot 160

|  |   |                                |   |   |   |  |   |  |  |                       |  |  |
|--|---|--------------------------------|---|---|---|--|---|--|--|-----------------------|--|--|
| <b>HC PS</b>   | - | <b>125</b>                     | - | <b>4T/9-10</b>  | - | <b>15</b>  | - | <b>F-300</b>                             |  |                       |  |  |
| ↓  |   | ↓                              |   | ↙ ↓ ↘   |   | ↓  |   | ↓  |  |                       |  |  |
| HC PS: Short cased axial fans<br>300°C/2h.<br>HC PS/CL: Long cased axial fans<br>300°C/2h with long casing, equipped<br>with an inspection door. |   | Impeller<br>diameter<br>in cm. |   | Number of<br>motor poles<br>2=2900 r/min. 50 Hz<br>4=1400 r/min. 50 Hz<br>6=900 r/min. 50 Hz<br>8=750 r/min. 50 Hz<br>12=500 r/min. 50 Hz |   | Number of<br>blades:<br>3 blades<br>6 blades<br>9 blades |   | Angle of<br>inclination of the<br>blades |  | Motor power<br>(c.v.) |  | F-300 Officially approved<br>tested for 300°C/2h |
|  |   |                                |   | T=Three-phase   |   |  |   |  |  |                       |  |  |

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

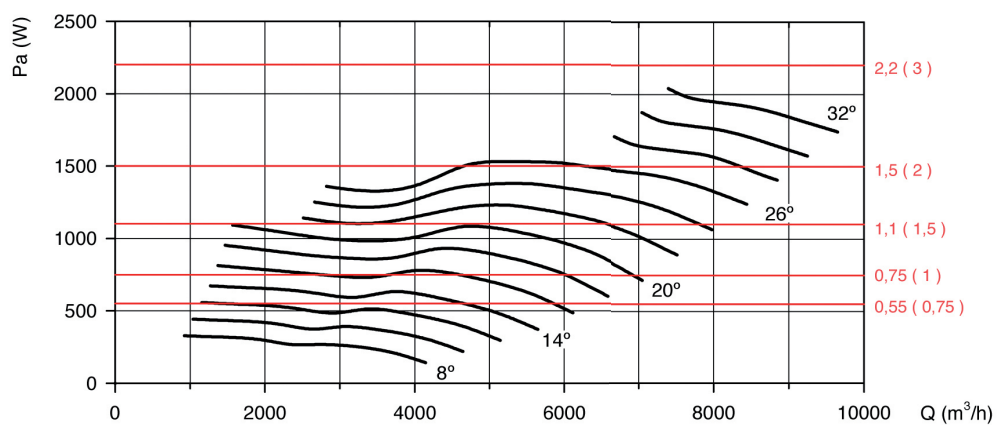
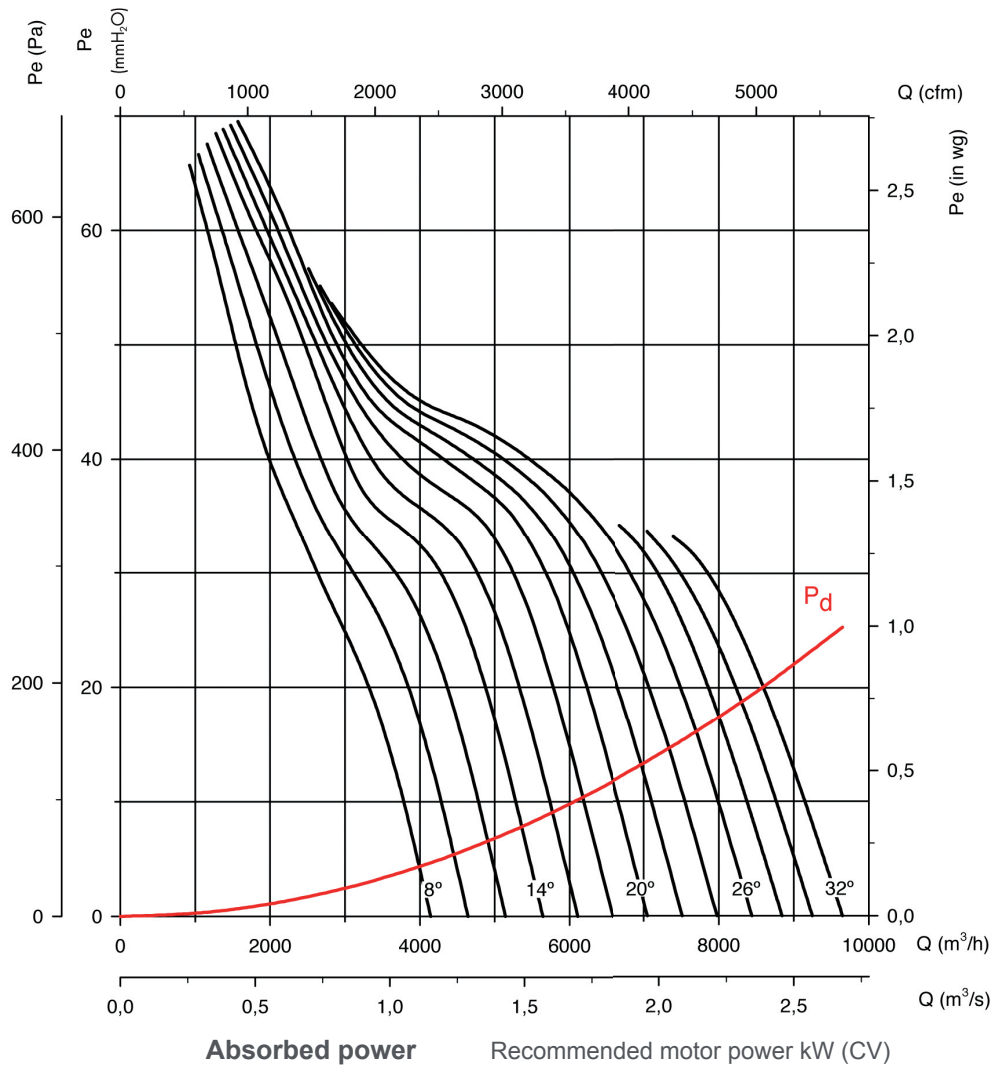
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 40**

**Number of poles: 2**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

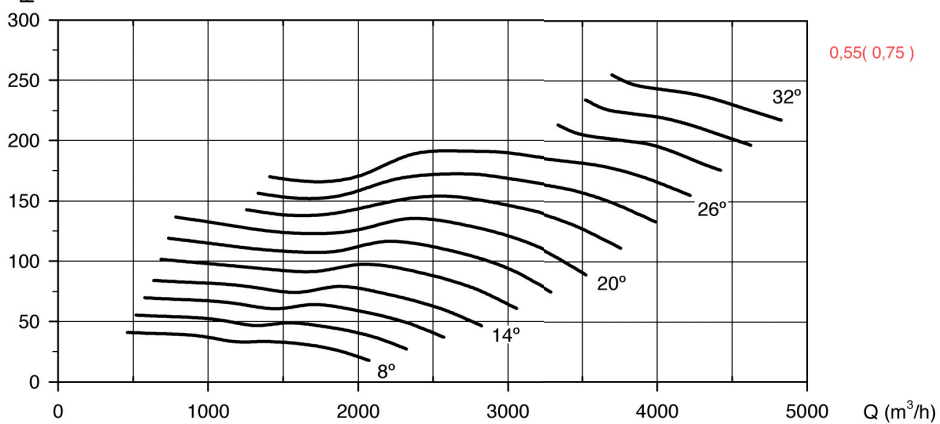
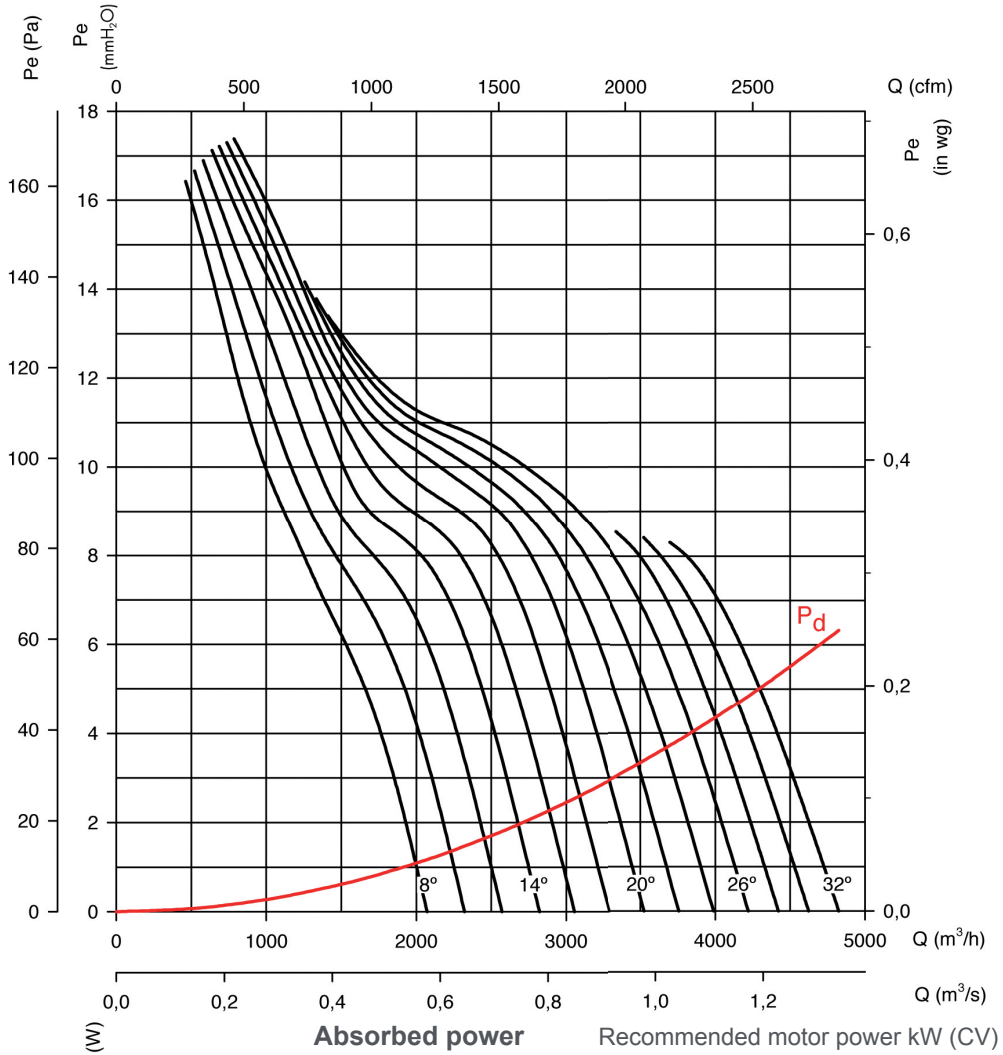
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 40**

**Number of poles: 4**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

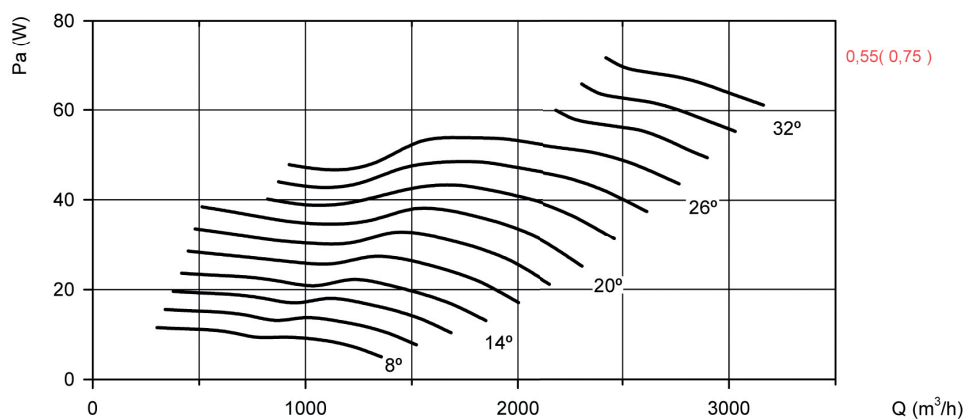
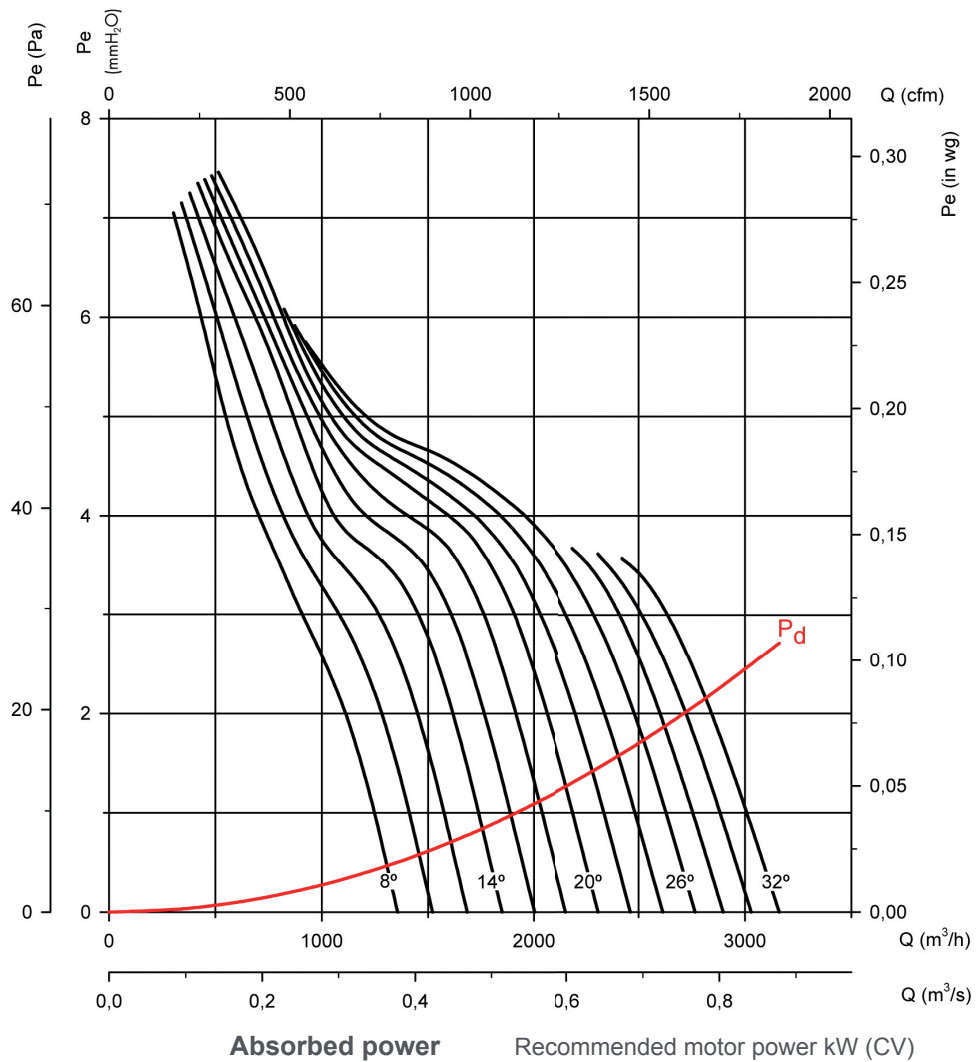
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 40**

**Number of poles: 6**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

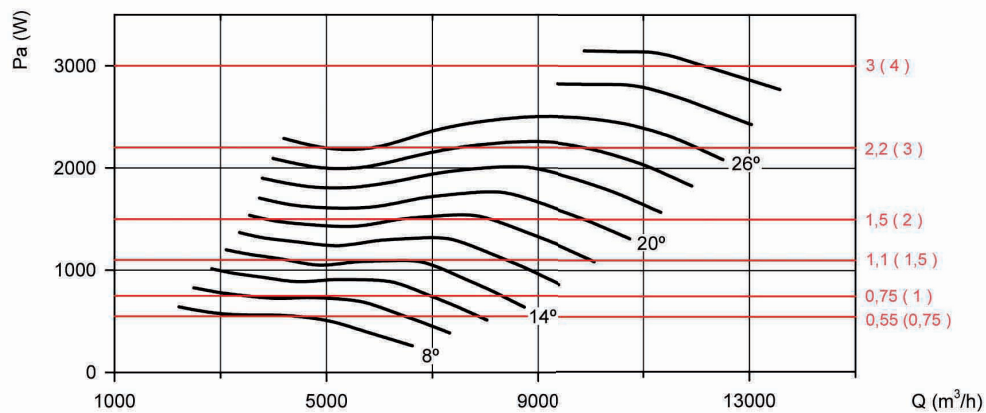
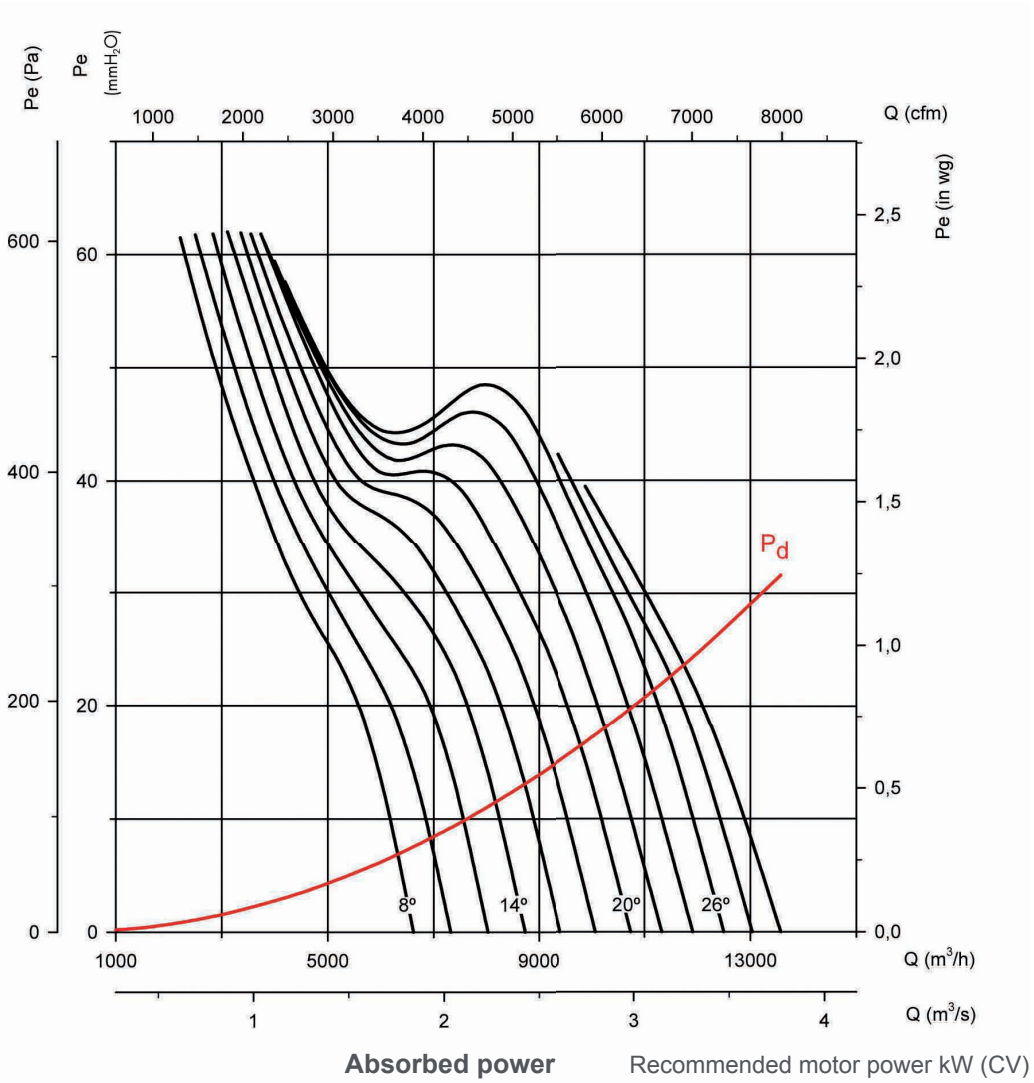
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 45**

**Number of poles: 2**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

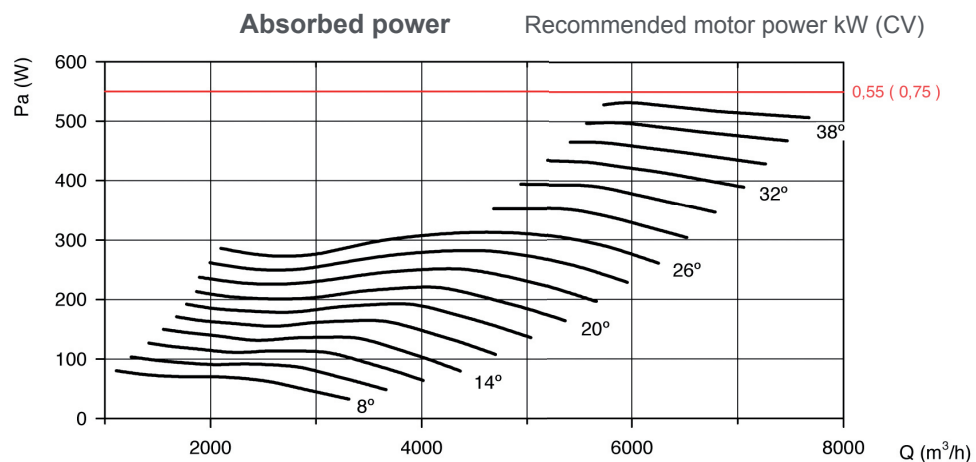
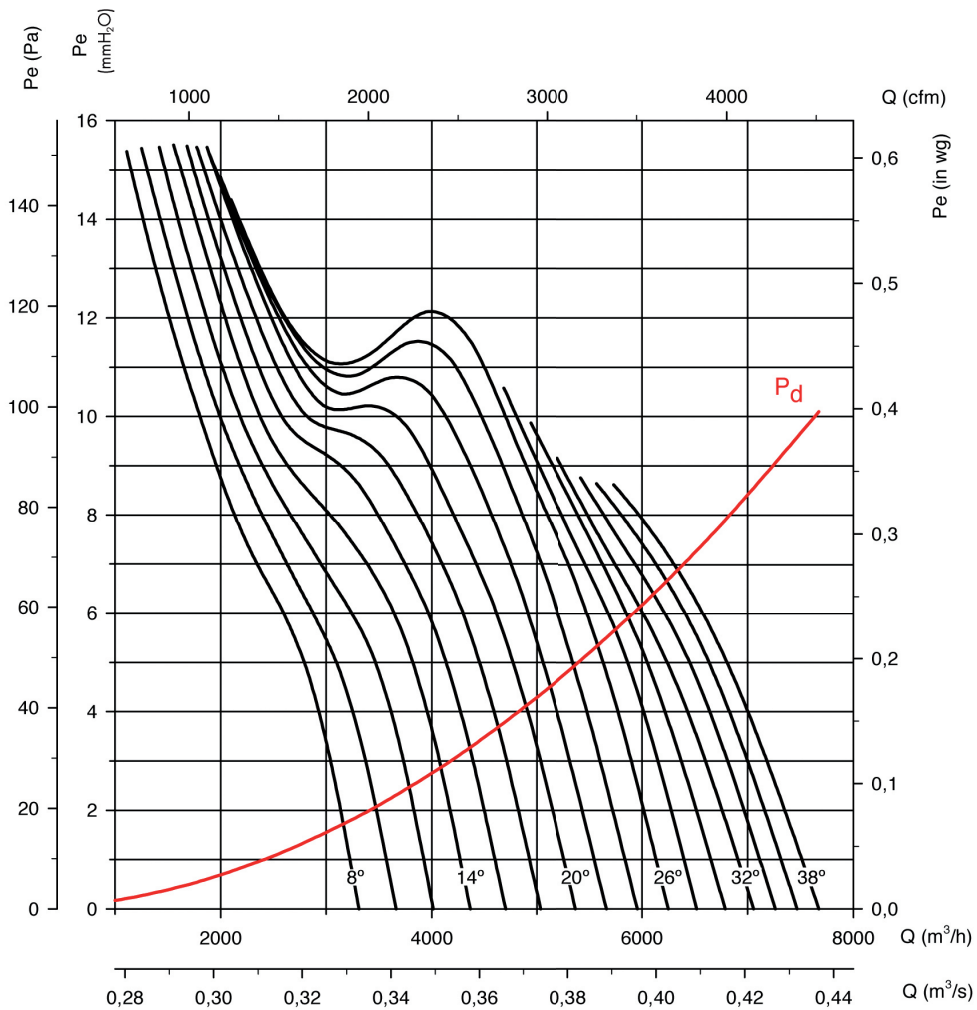
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 45**

**Number of poles: 4**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

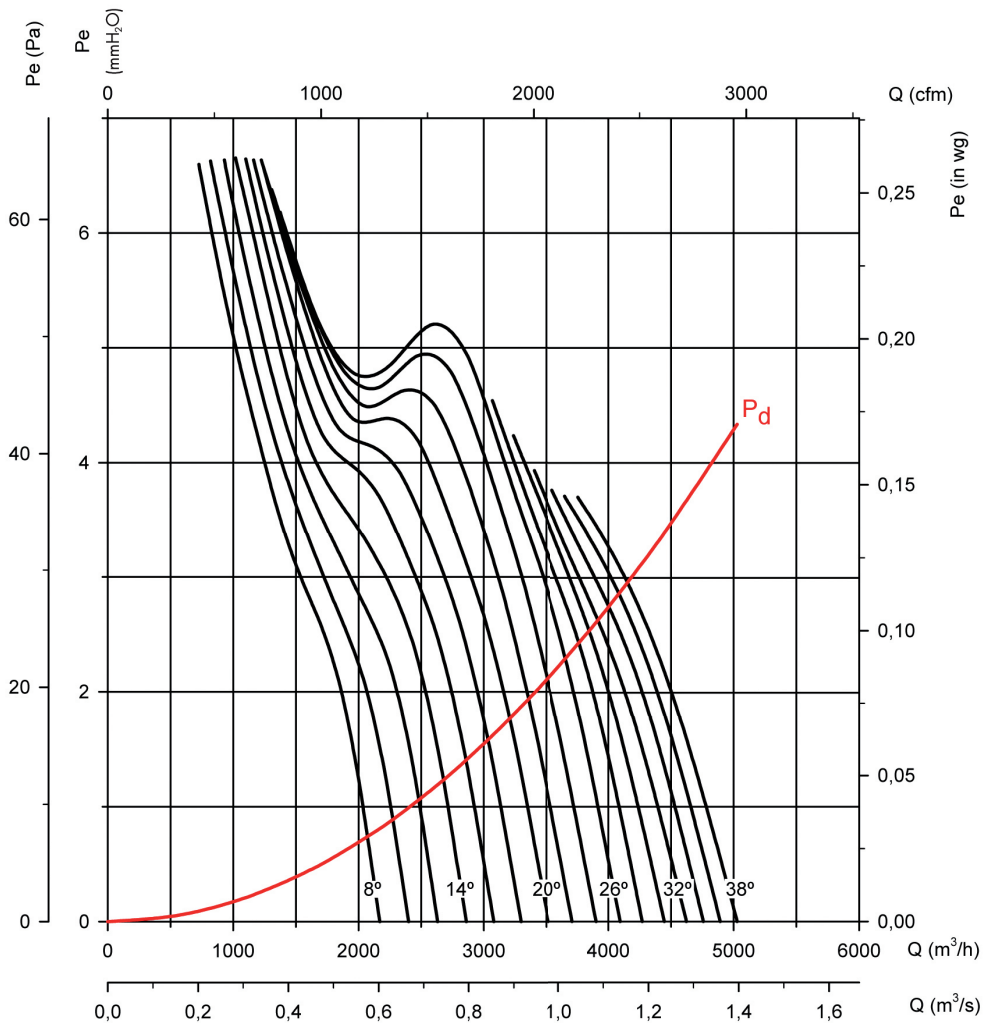
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 45**

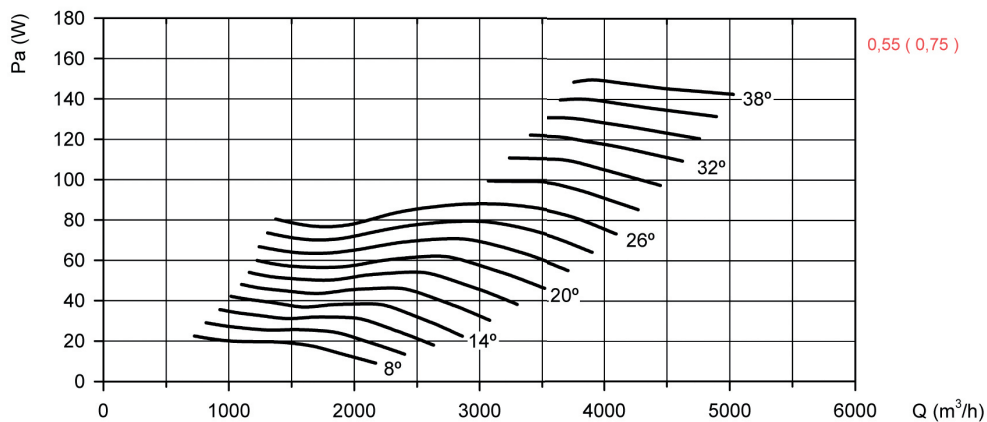
**Number of poles: 6**

**Number of blades: 6**



## Absorbed power

## Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

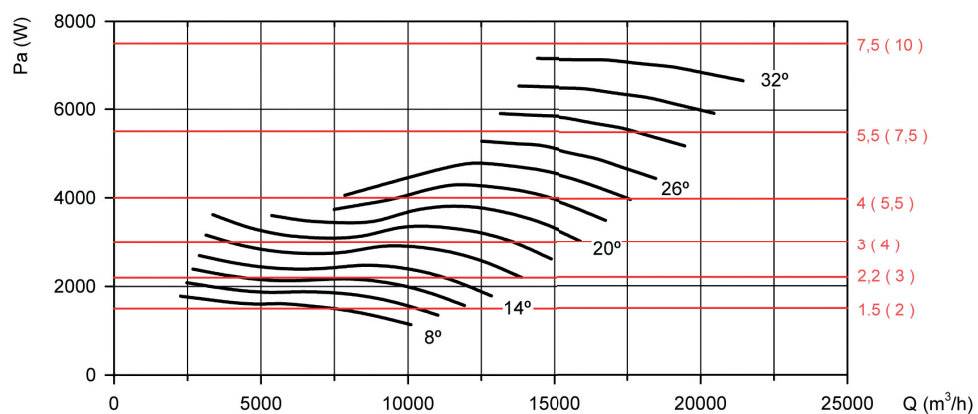
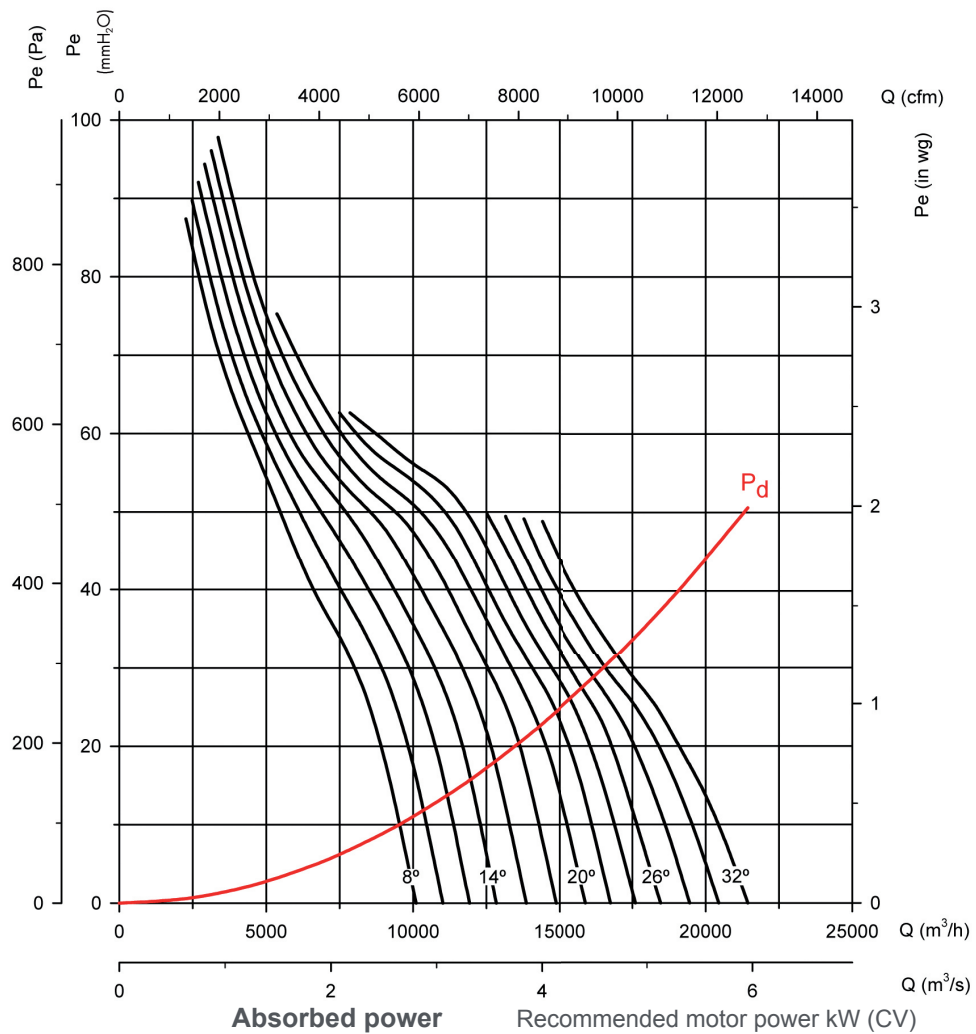
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 50**

**Number of poles: 2**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.



# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

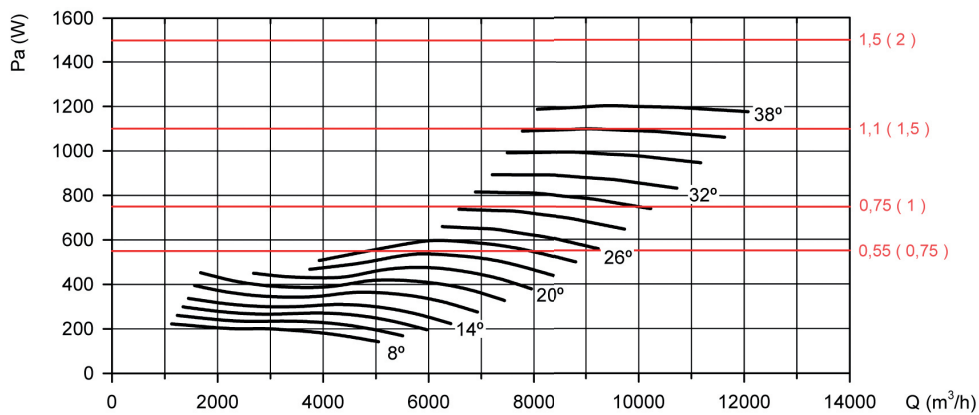
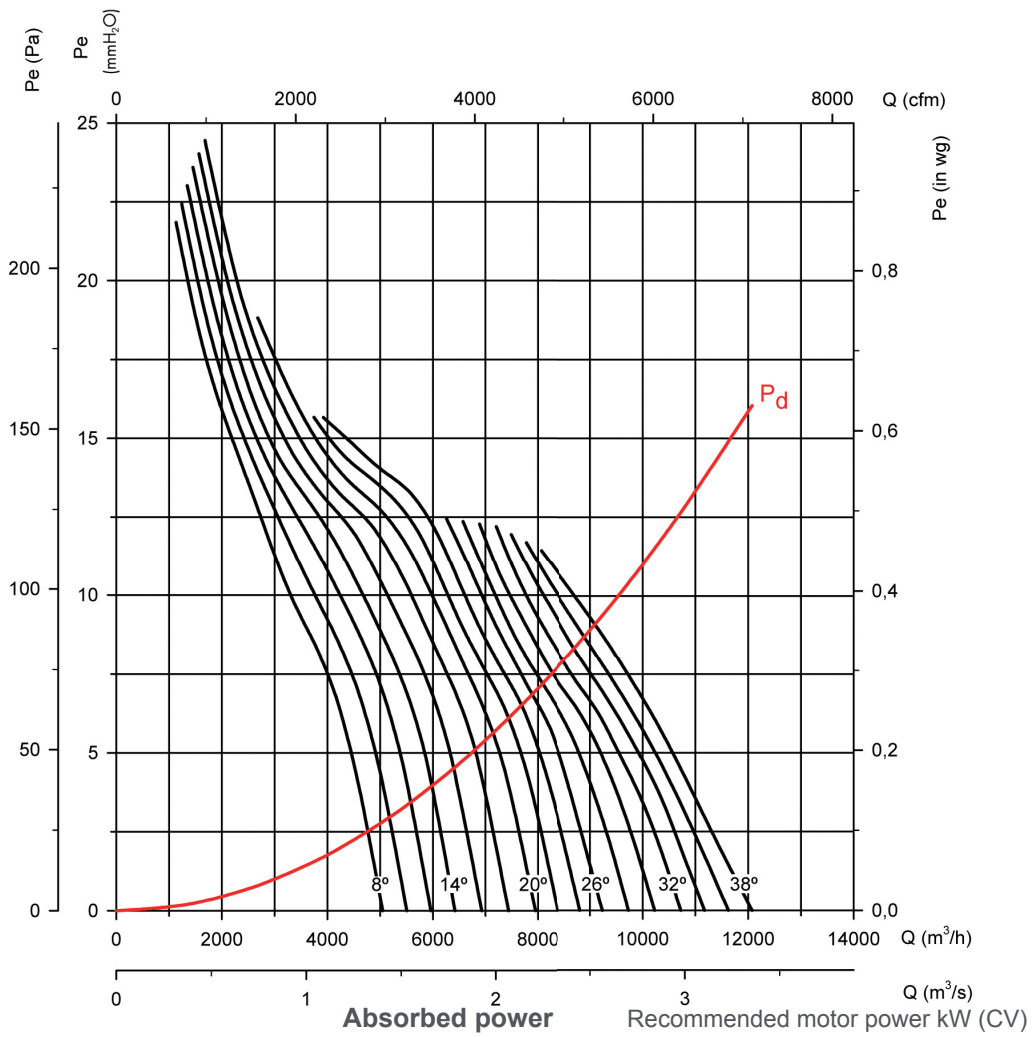
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 50**

**Number of poles: 4**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

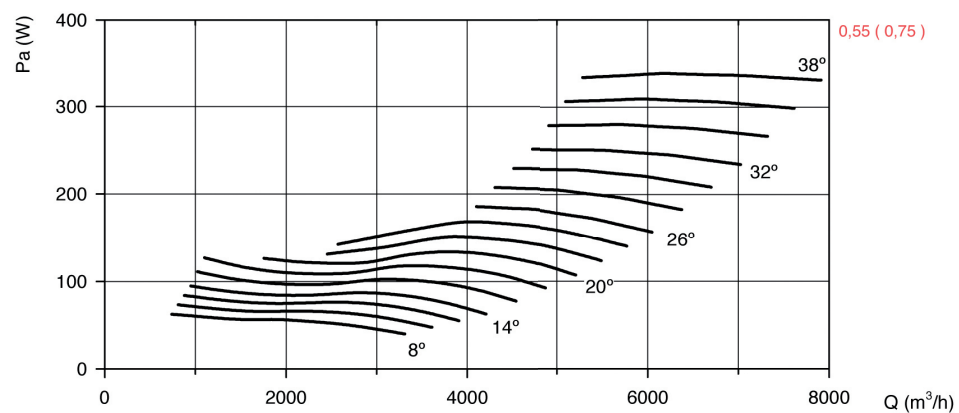
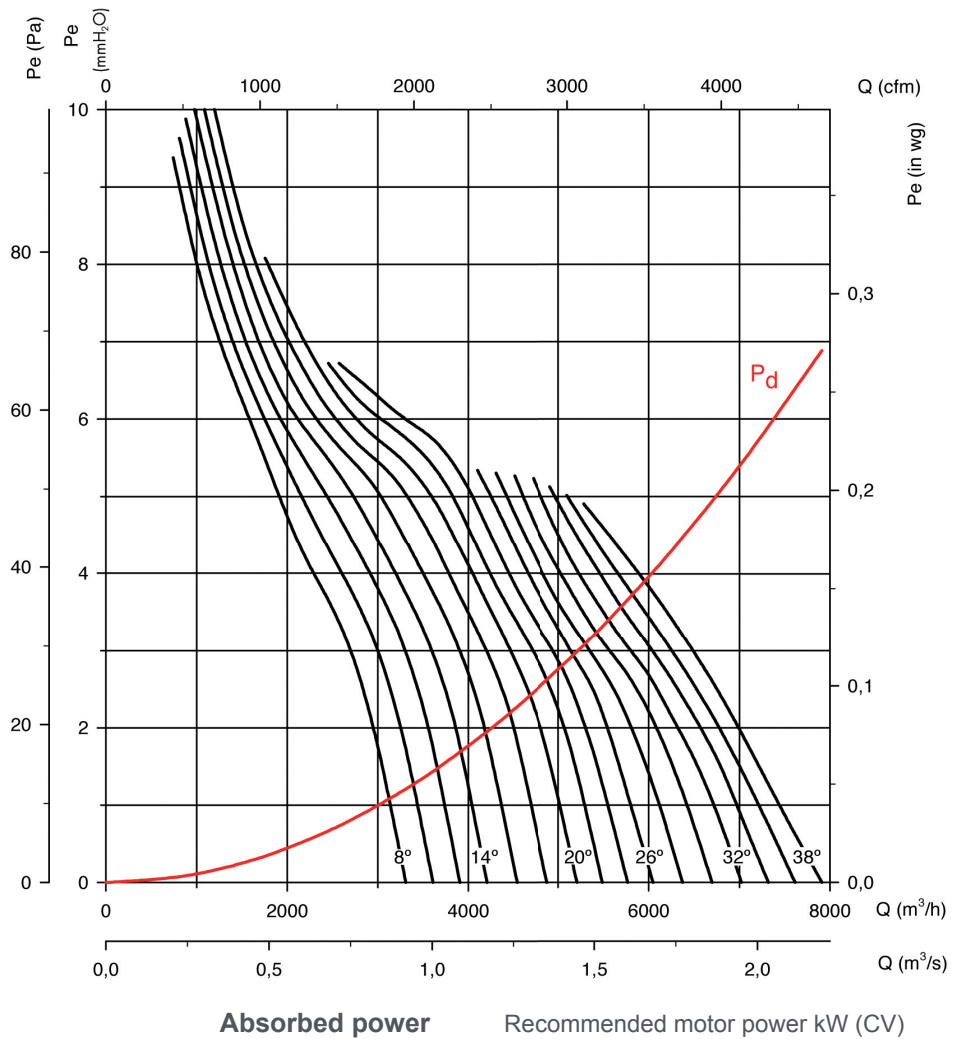
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 50**

**Number of poles 6**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

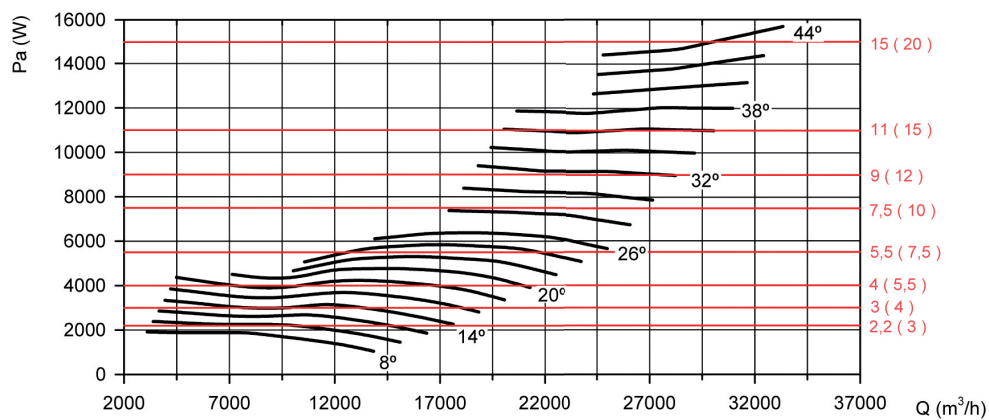
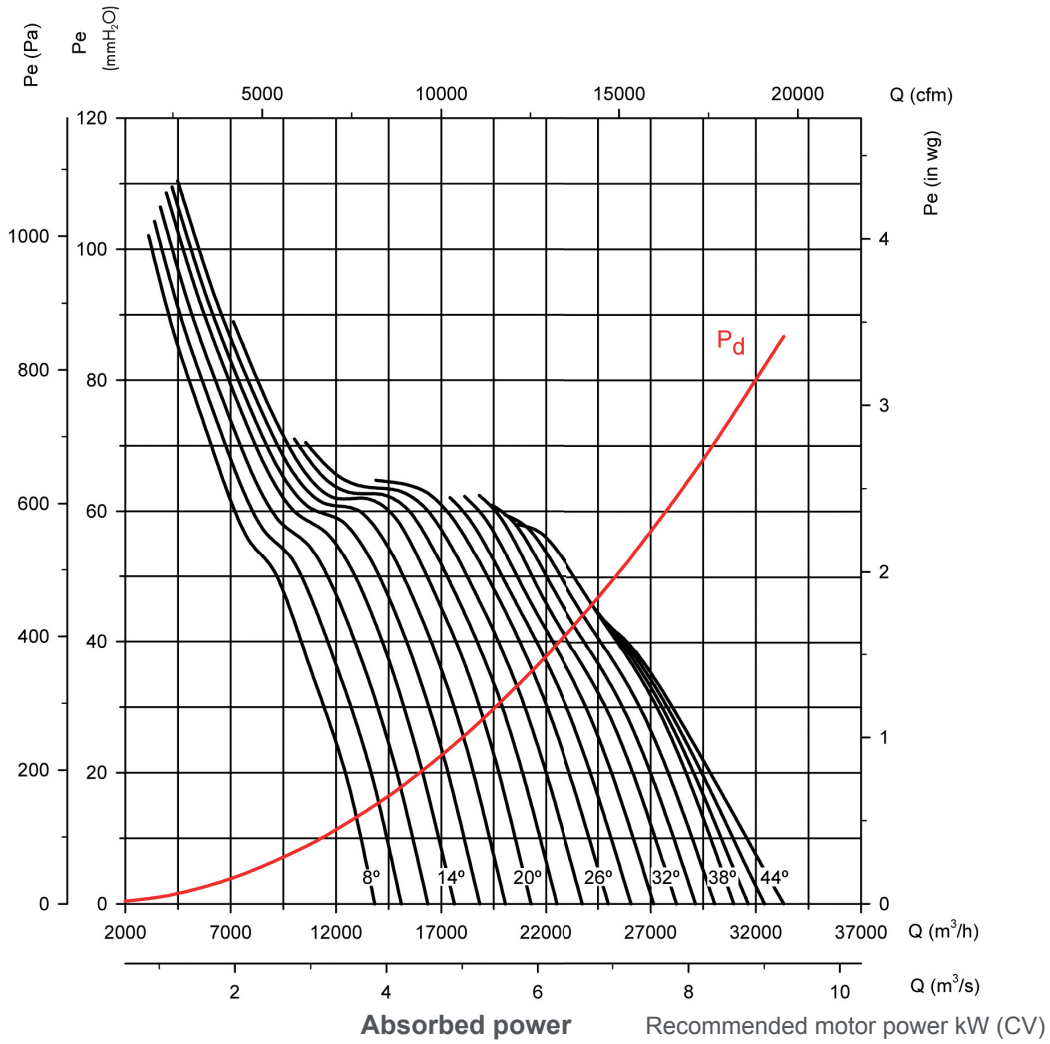
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 56**

**Number of poles: 2**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

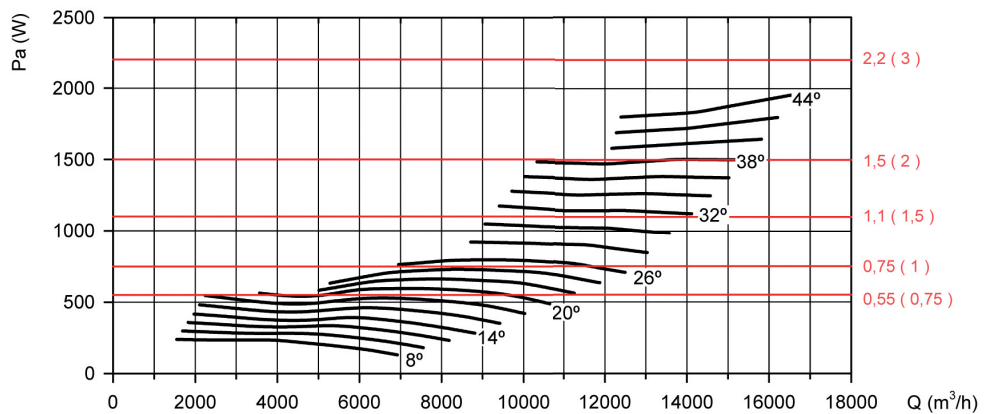
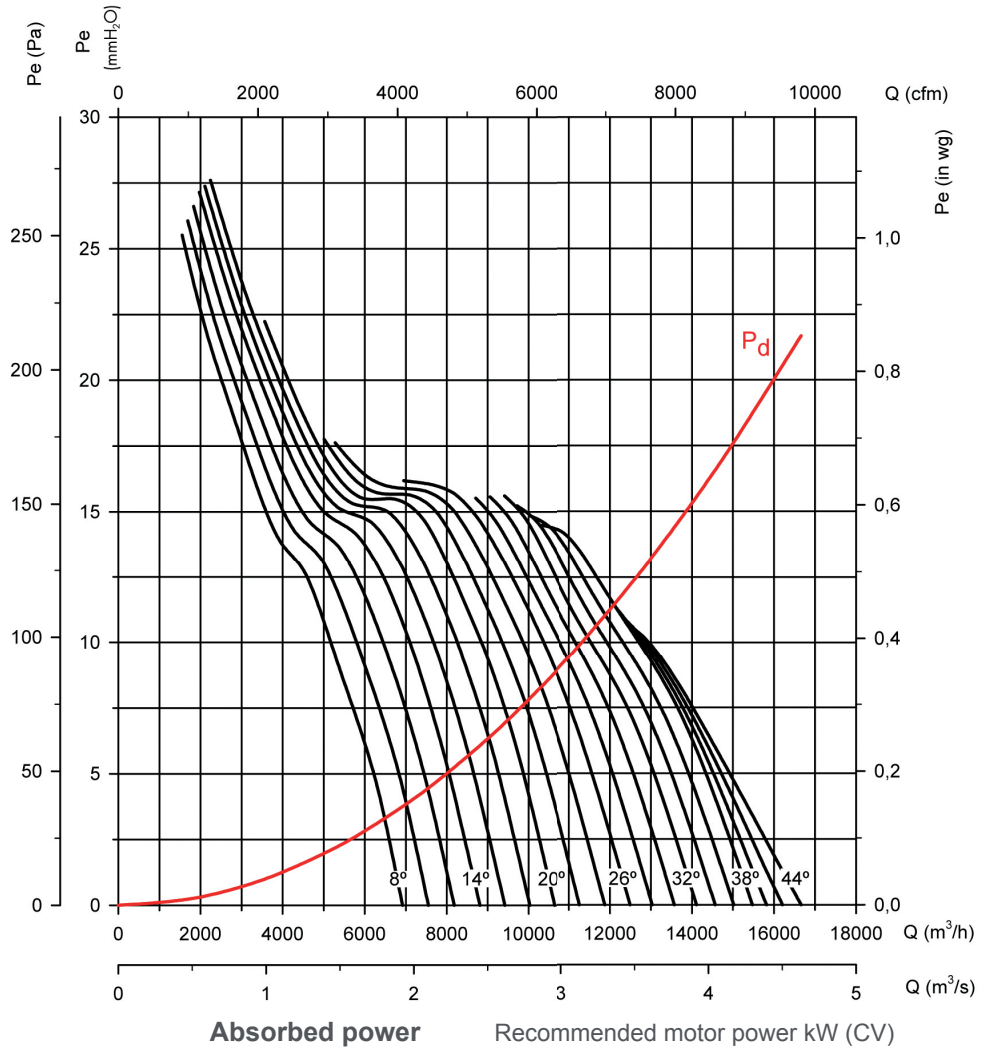
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 56**

**Number of poles: 4**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

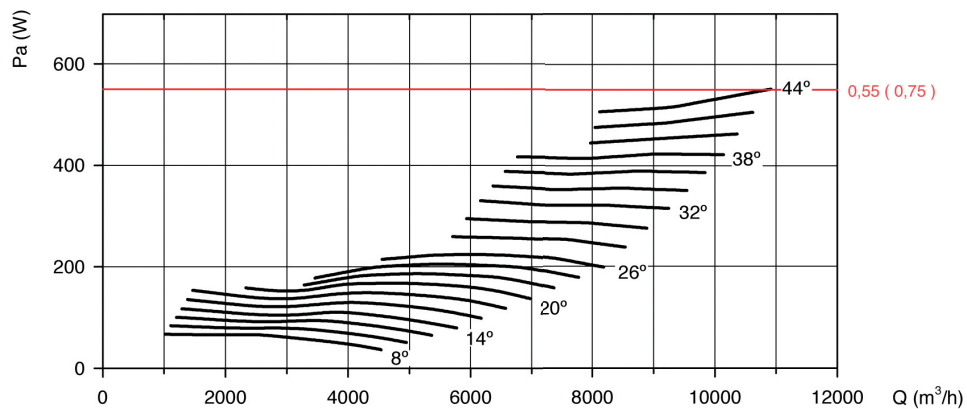
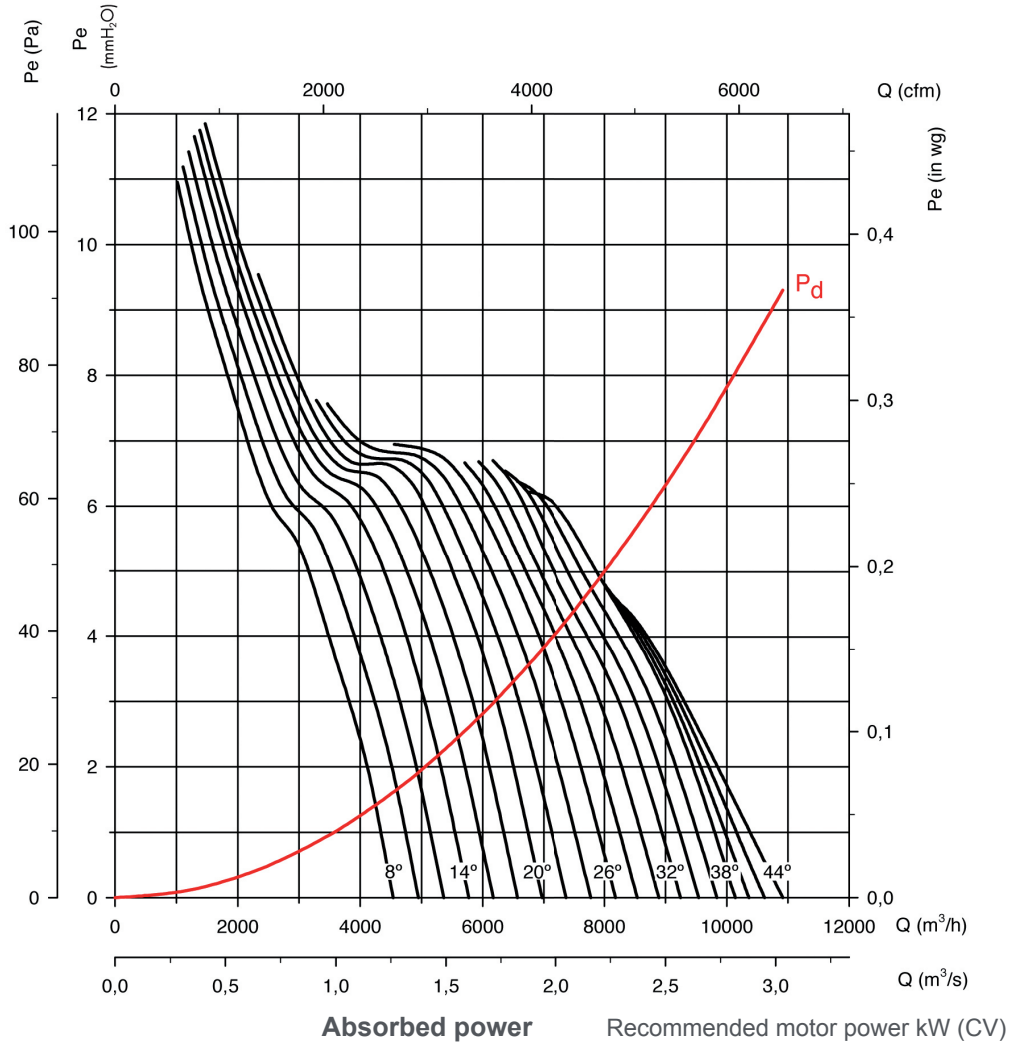
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 56**

**Number of poles: 6**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

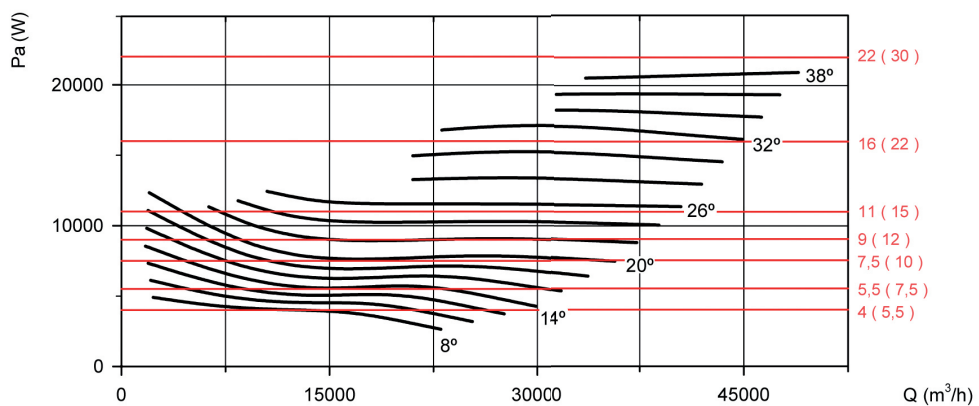
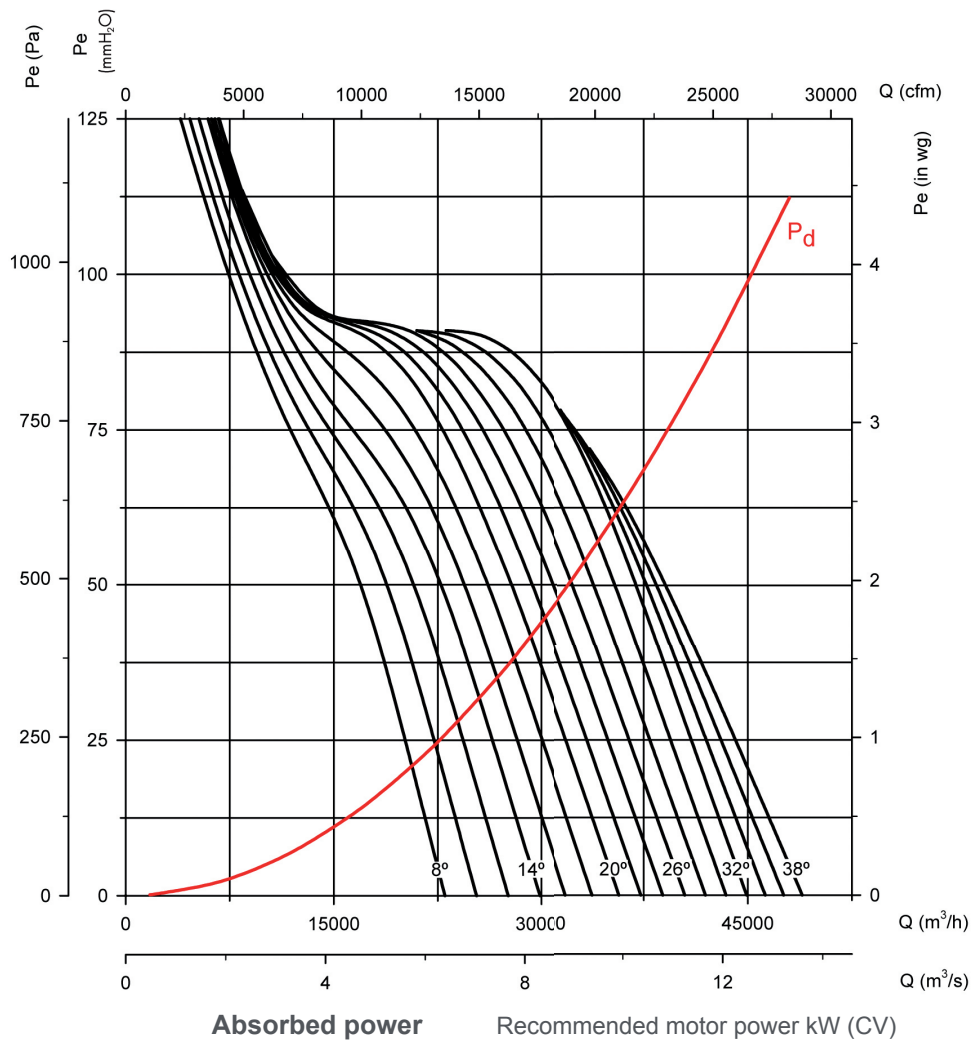
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 63**

**Number of poles: 2**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

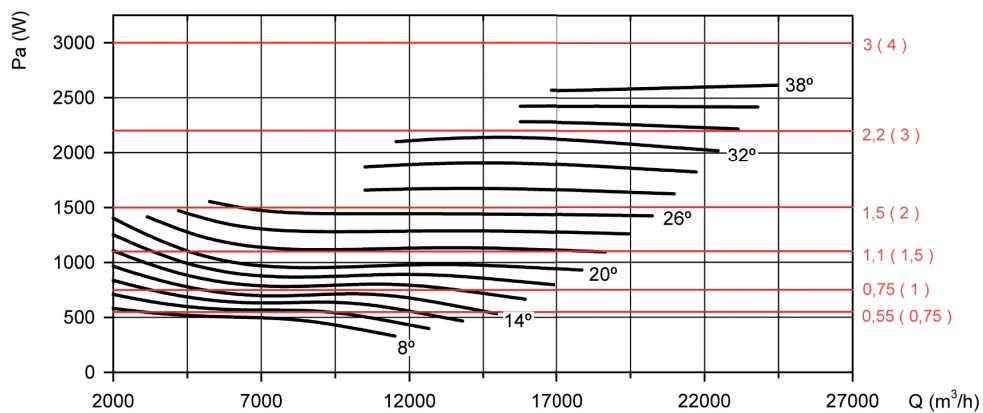
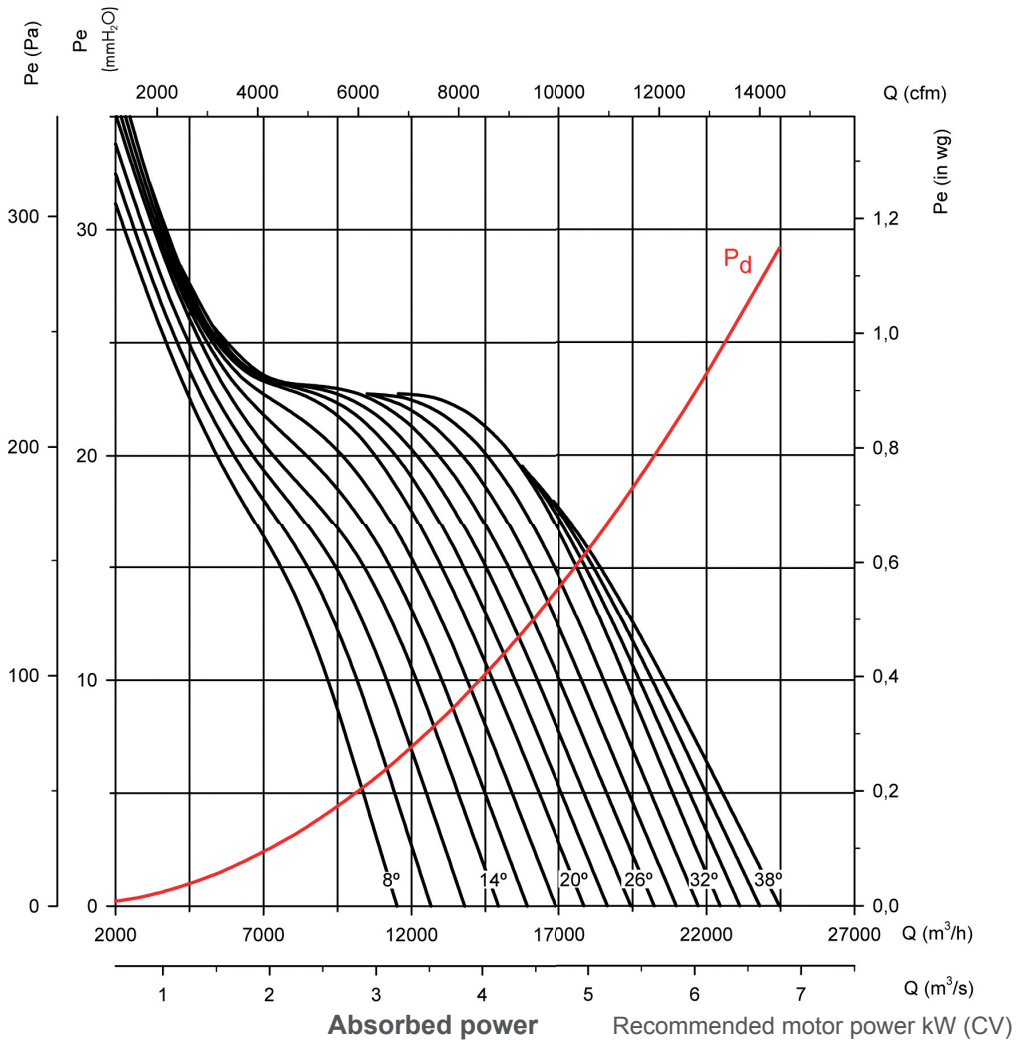
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 63**

**Number of poles: 4**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

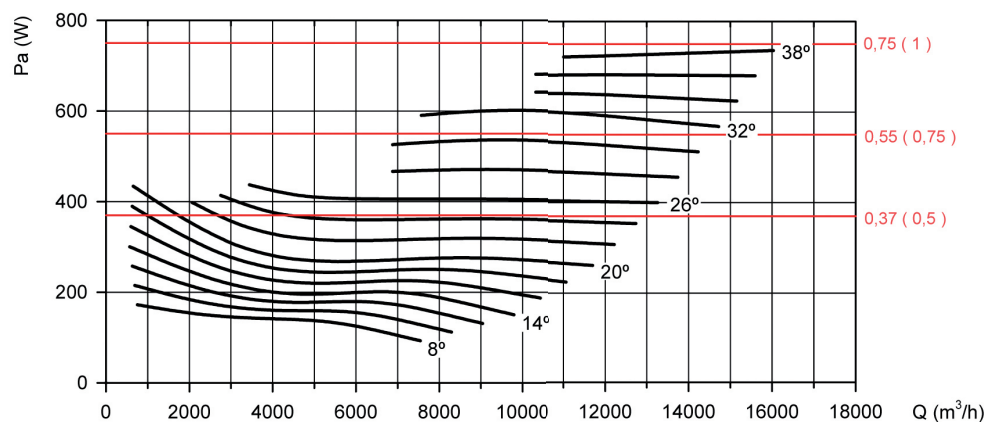
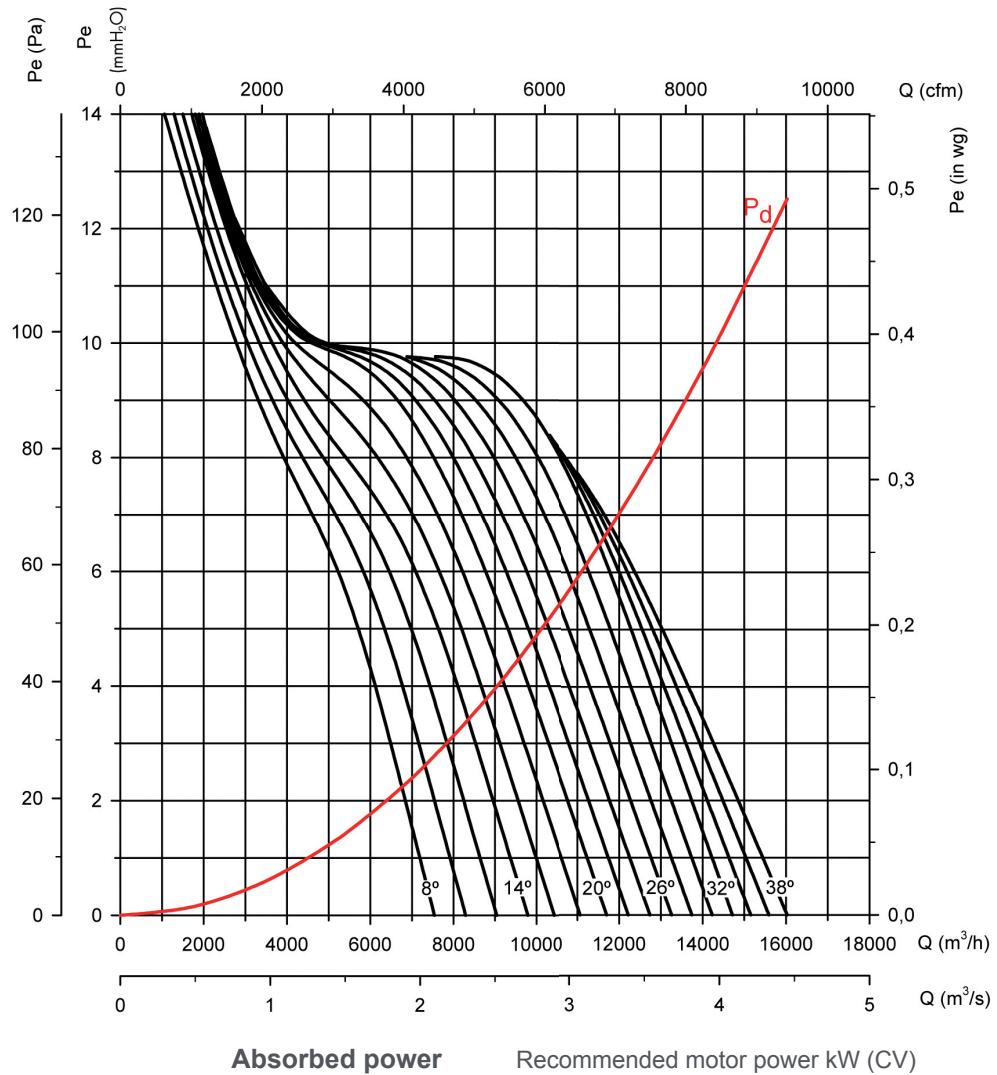
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 63**

**Number of poles: 6**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.



# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

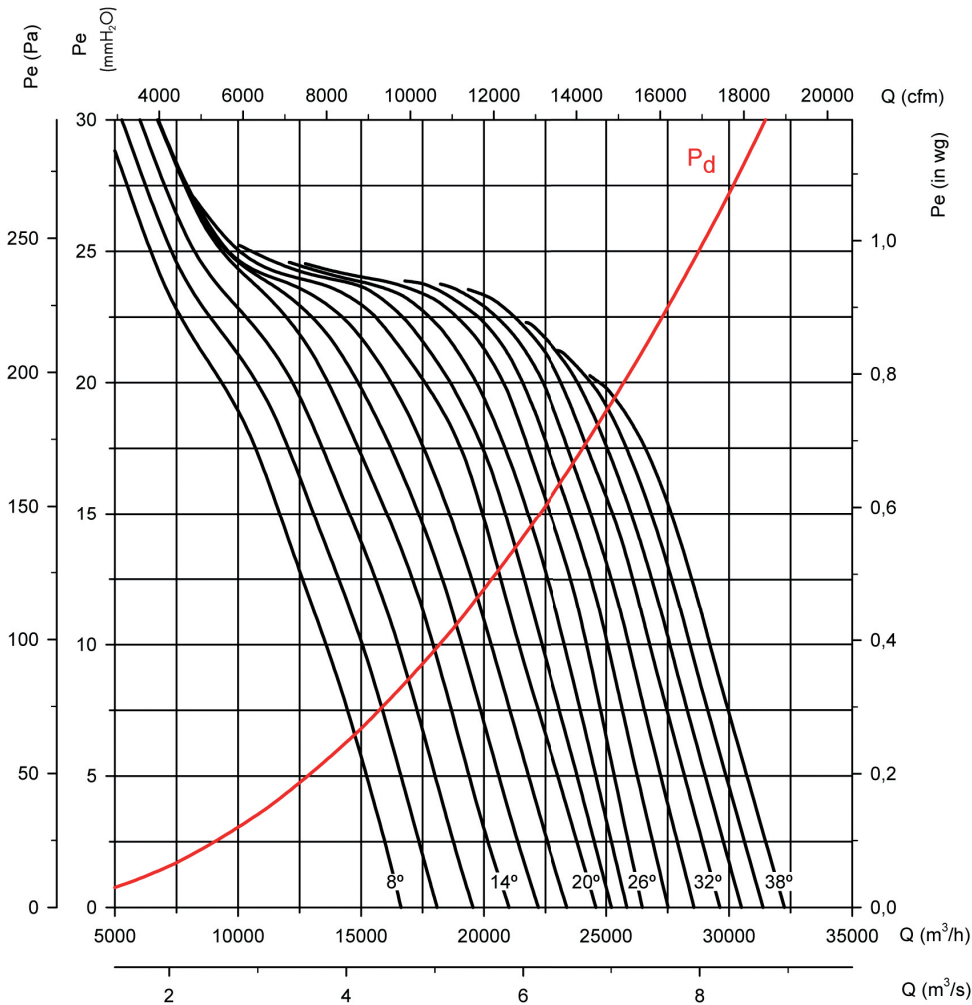
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 71**

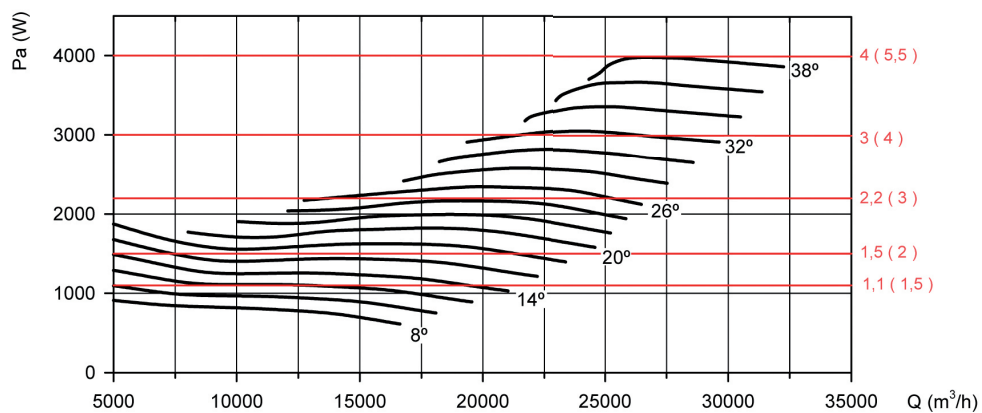
**Number of poles: 4**

**Number of blades: 6**



Absorbed power

Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

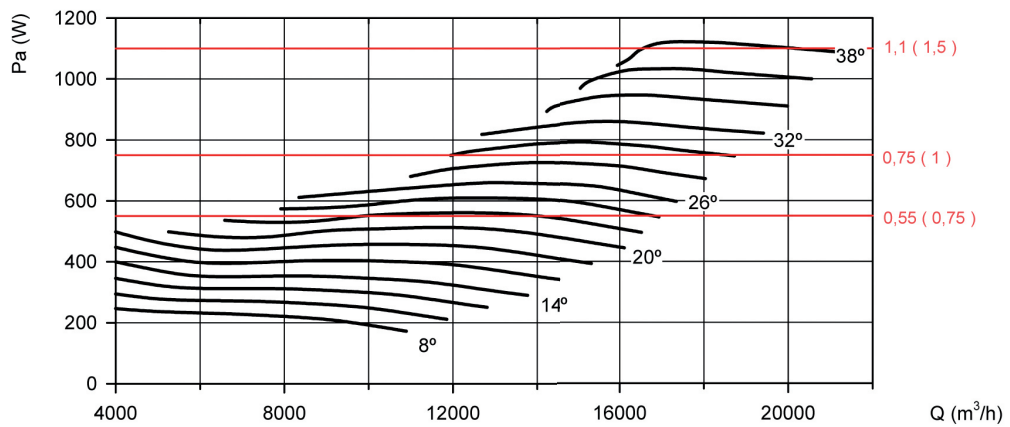
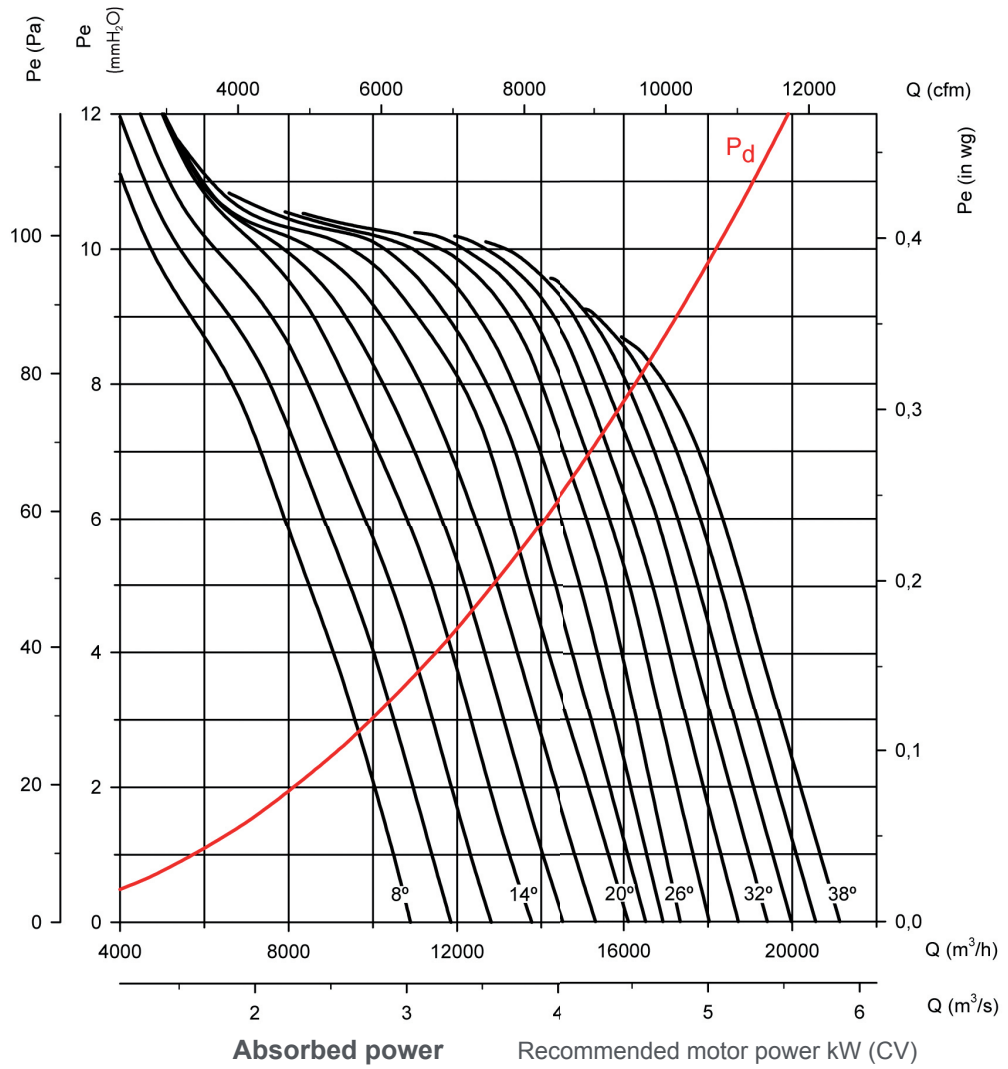
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 71**

**Number of poles: 6**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

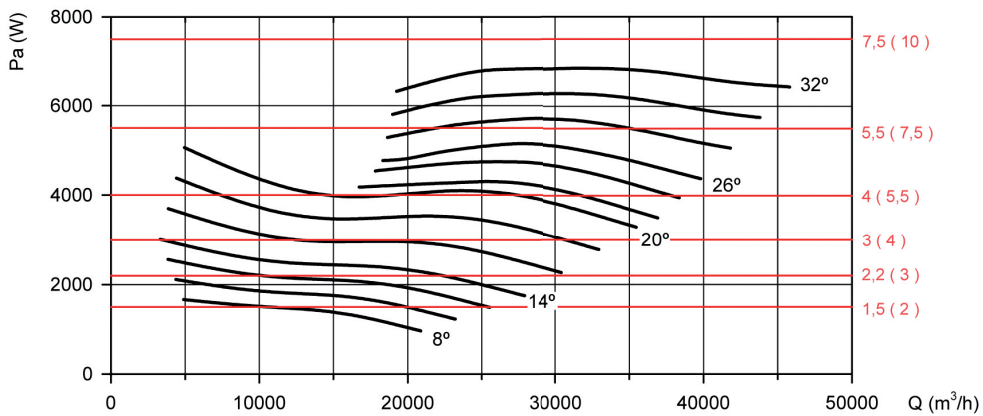
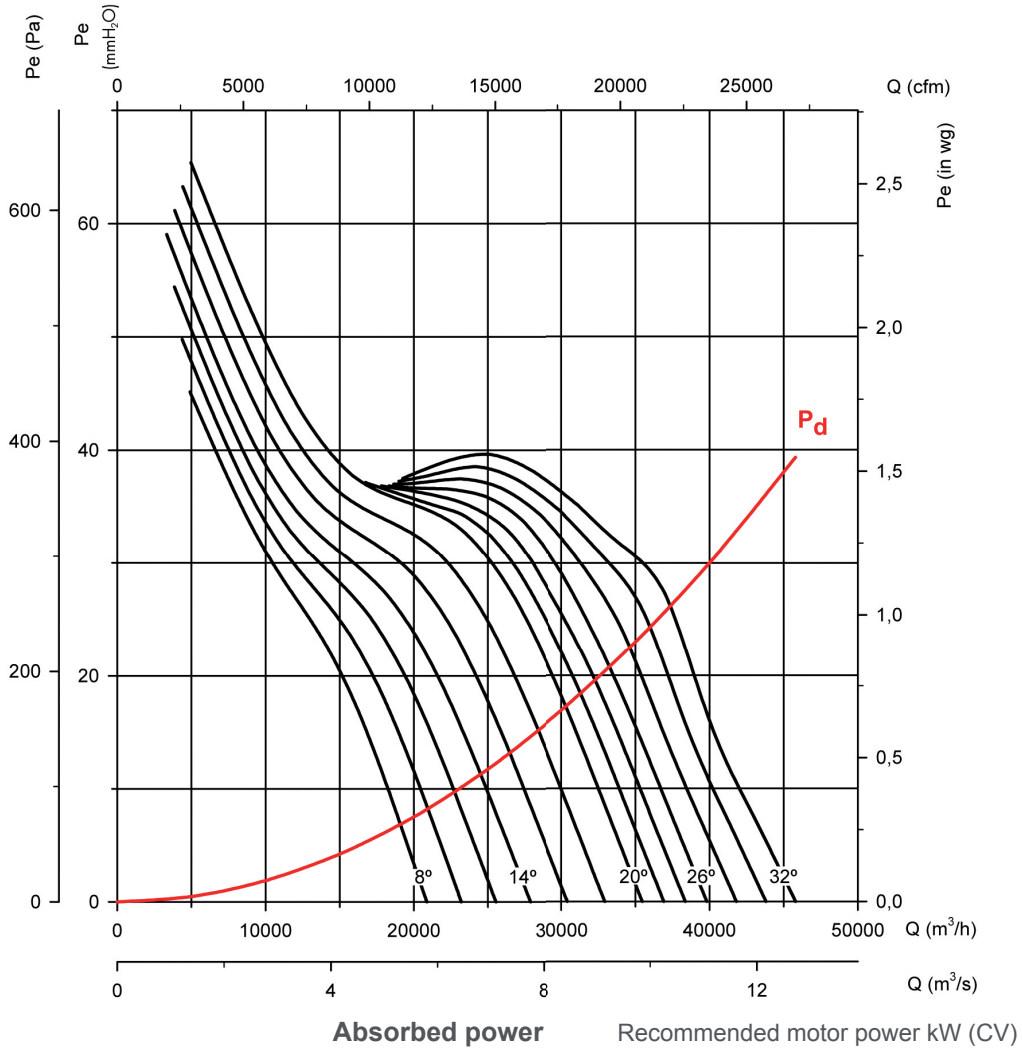
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 80**

**Number of poles: 4**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

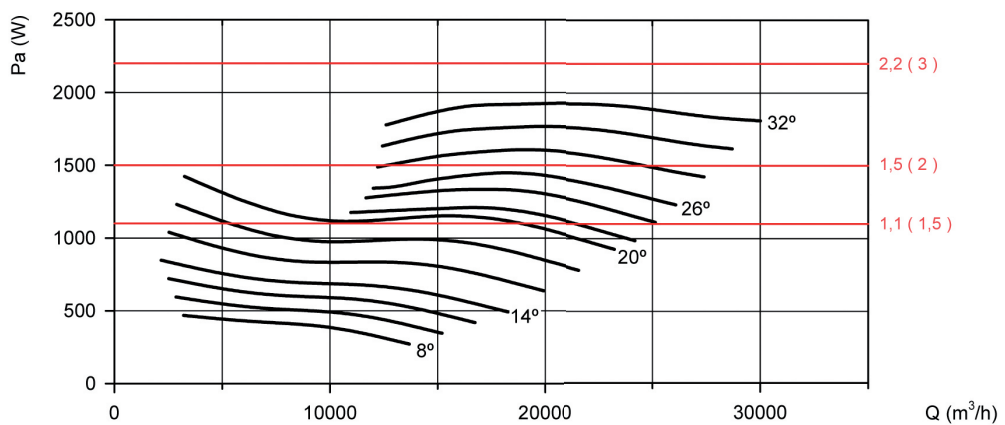
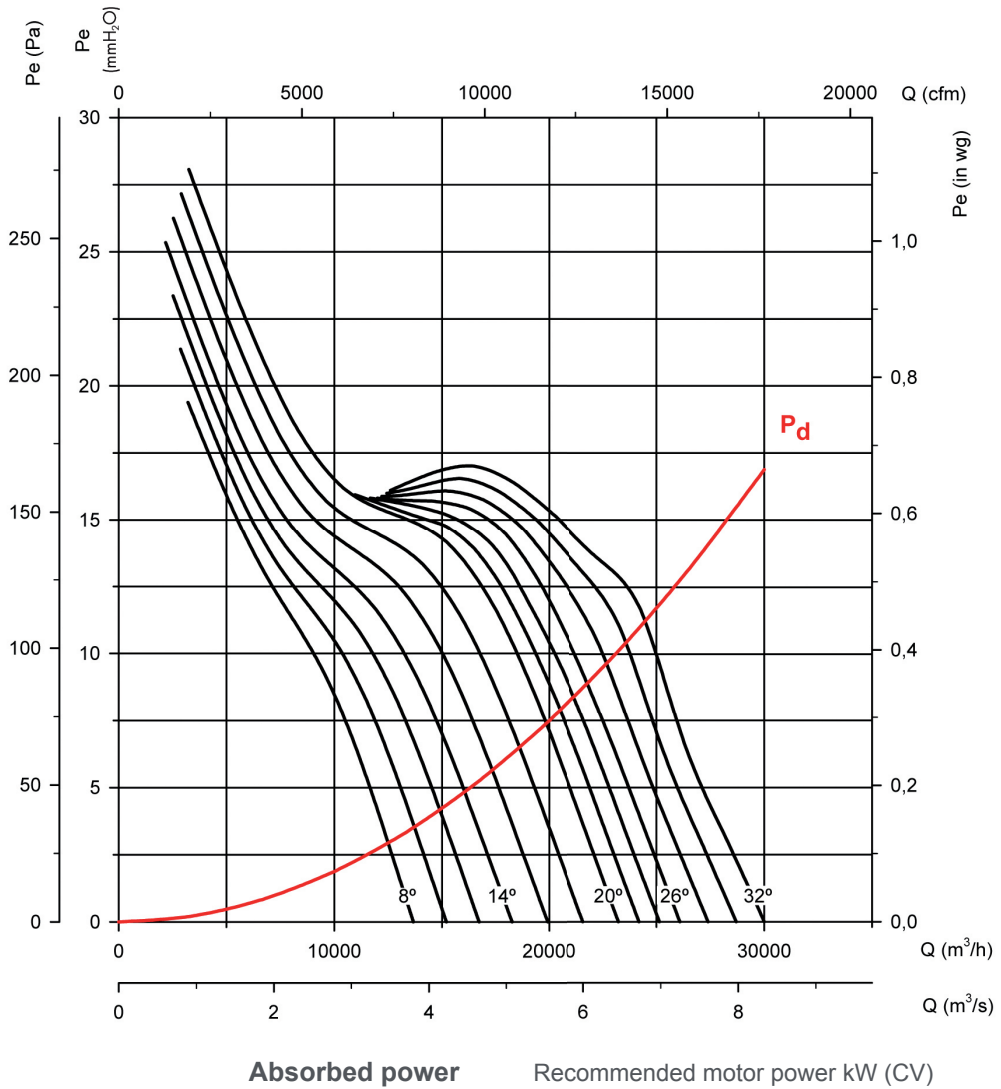
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 80**

**Number of poles: 6**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

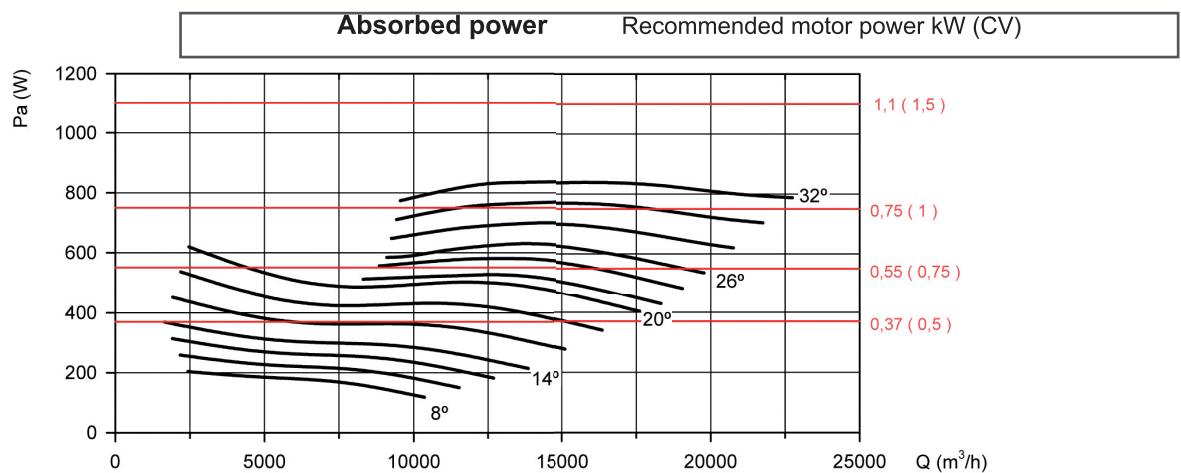
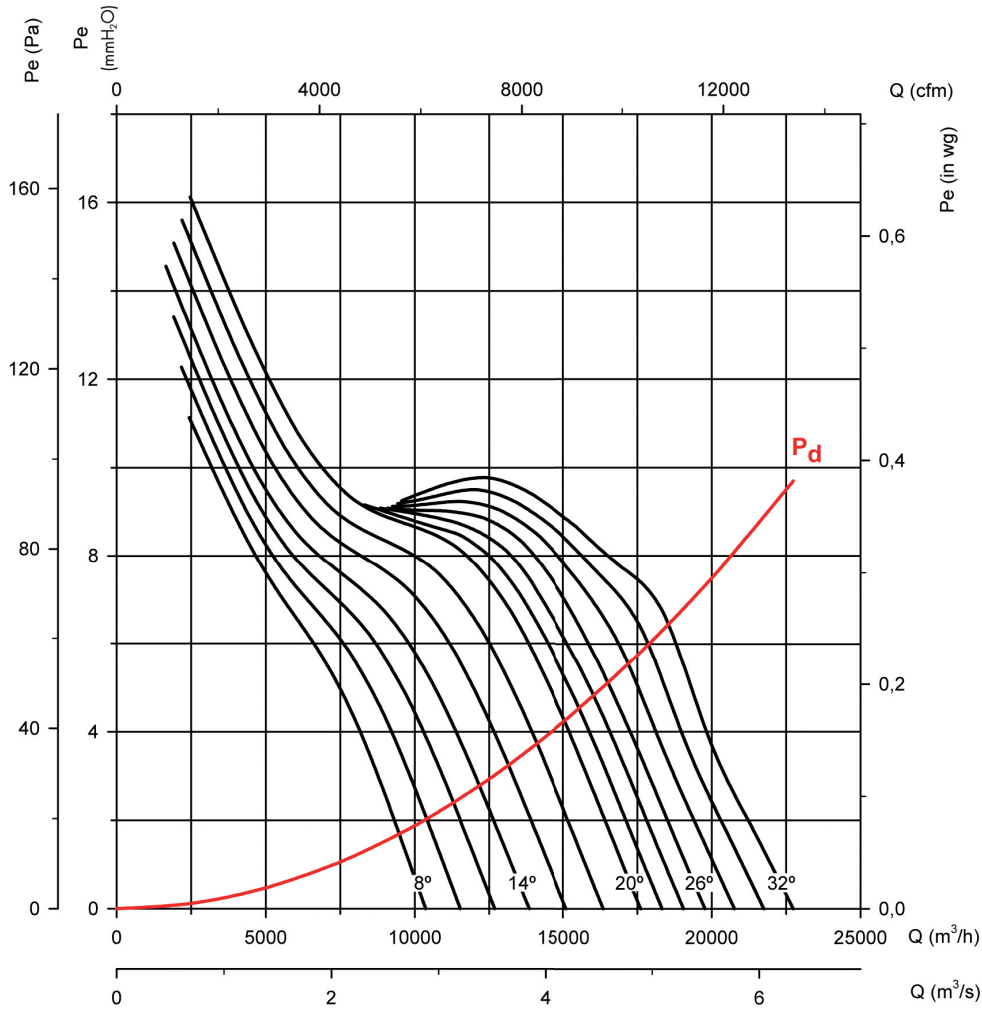
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 80**

**Number of poles: 8**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

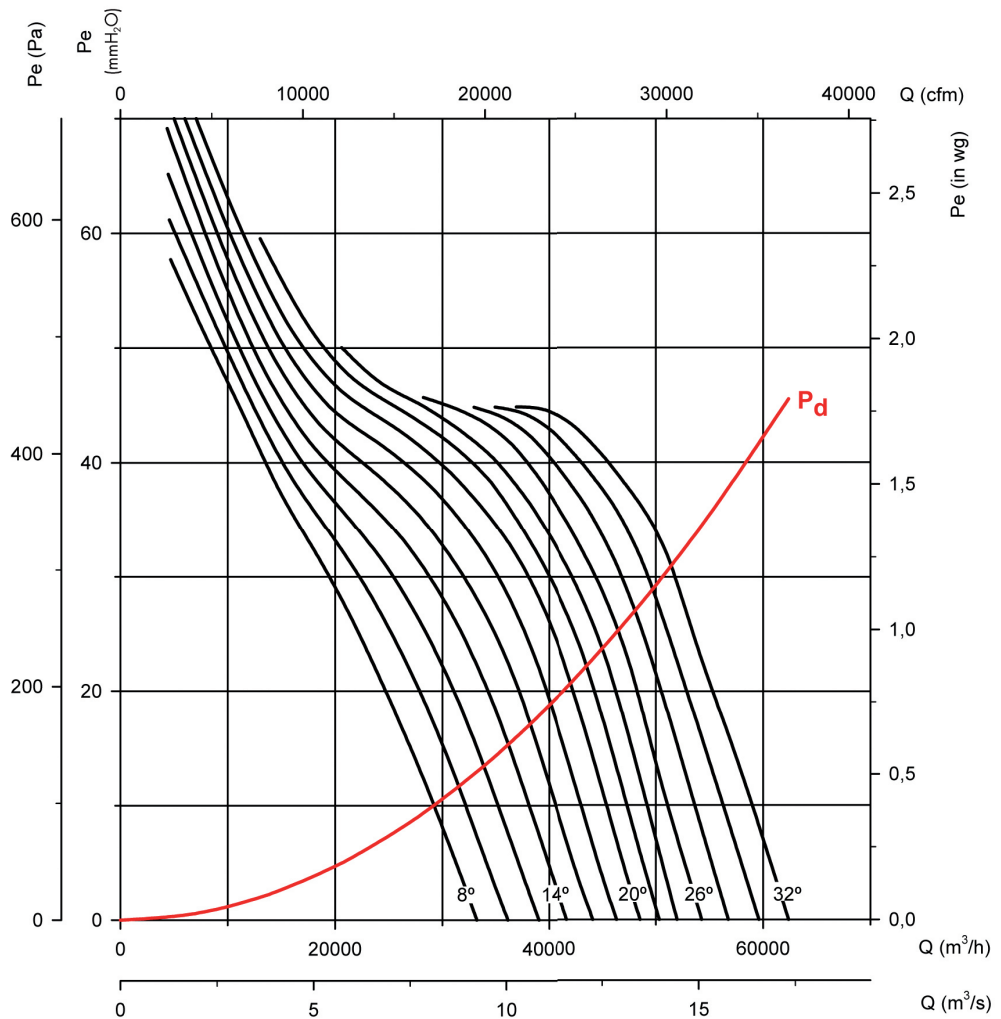
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

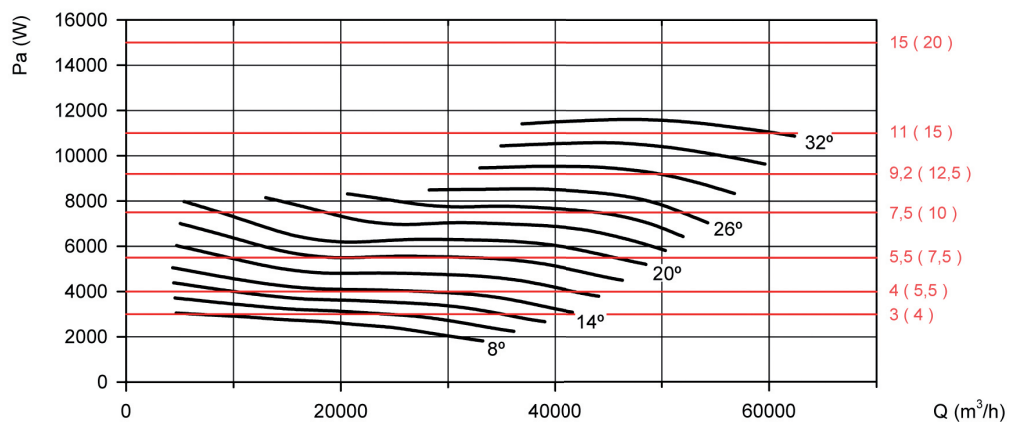
**Impeller diameter (cm): 90**

**Number of poles: 4**

**Number of blades: 6**



| Absorbed power | Recommended motor power kW (CV) |
|----------------|---------------------------------|
|----------------|---------------------------------|



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

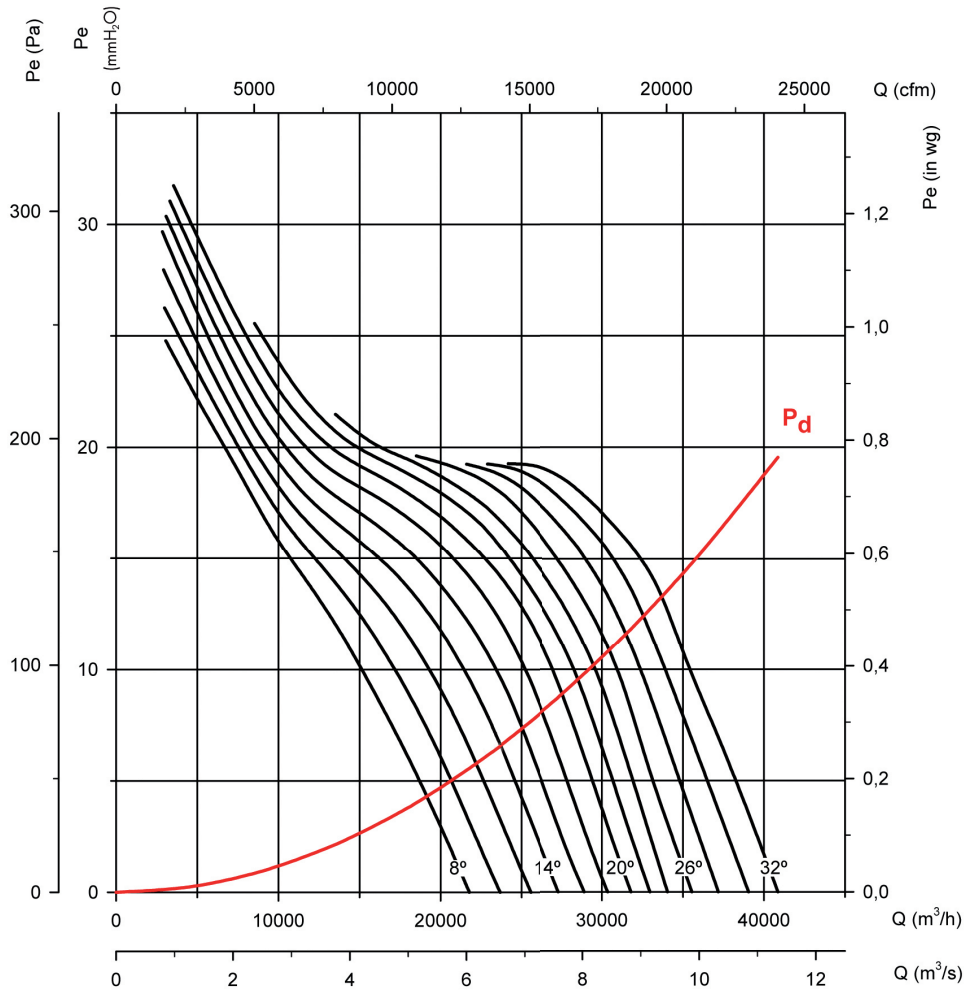
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 90**

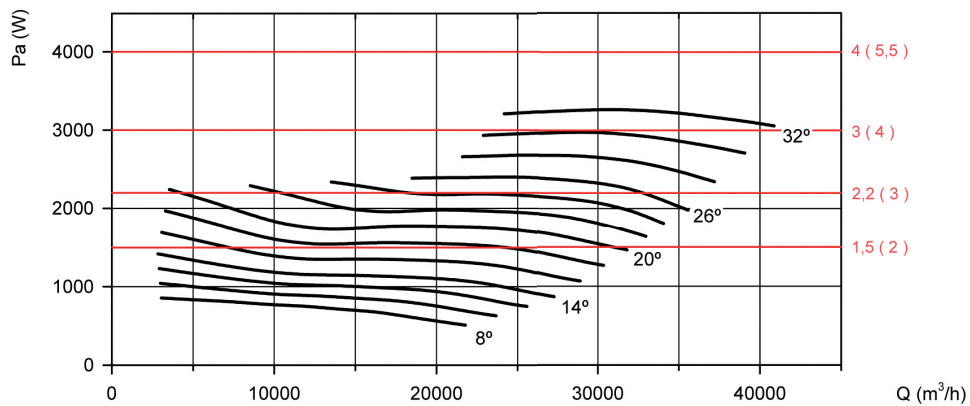
**Number of poles: 6**

**Number of blades: 6**



Absorbed power

Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS CJHC PS:

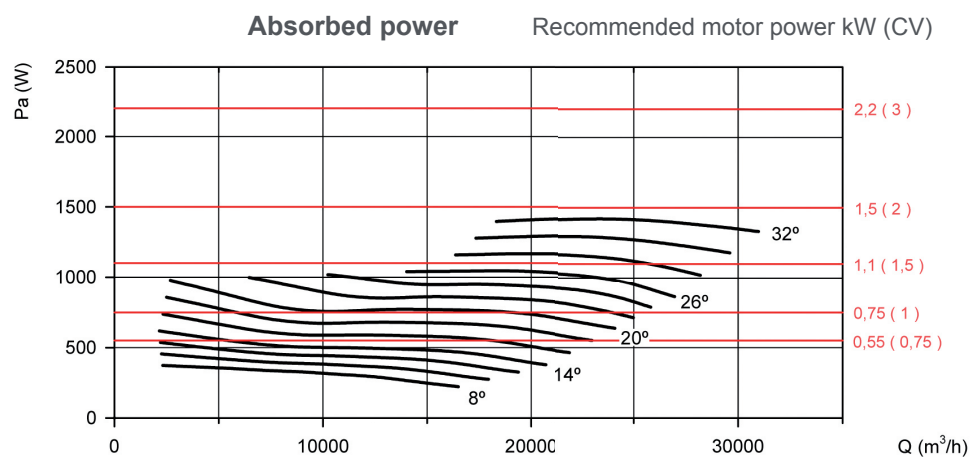
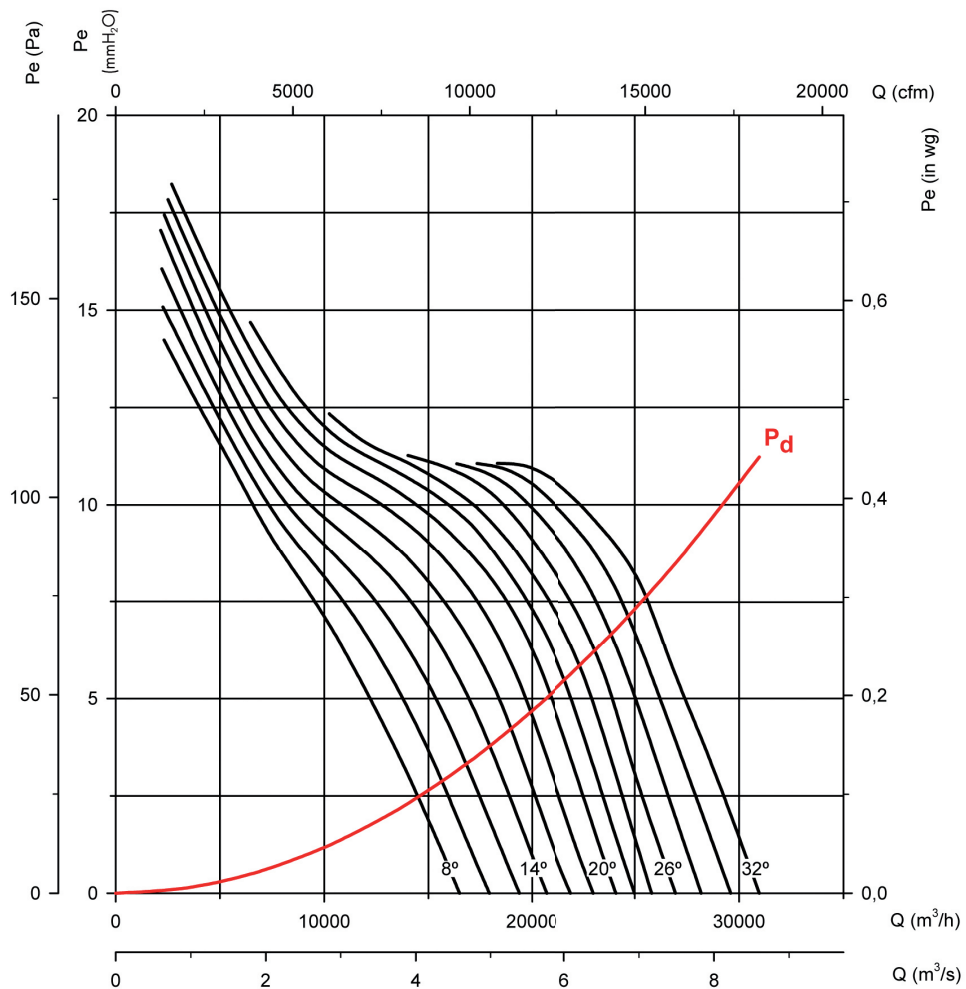
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 90**

**Number of poles: 8**

**Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.



# Axial Flow Fans

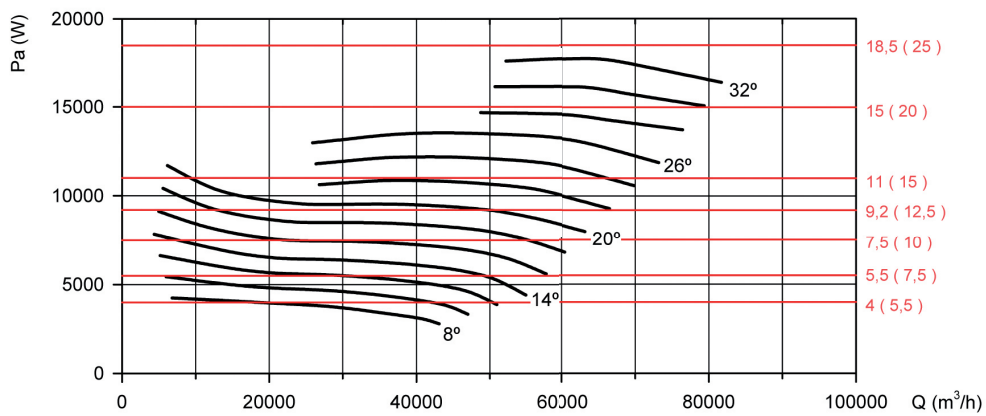
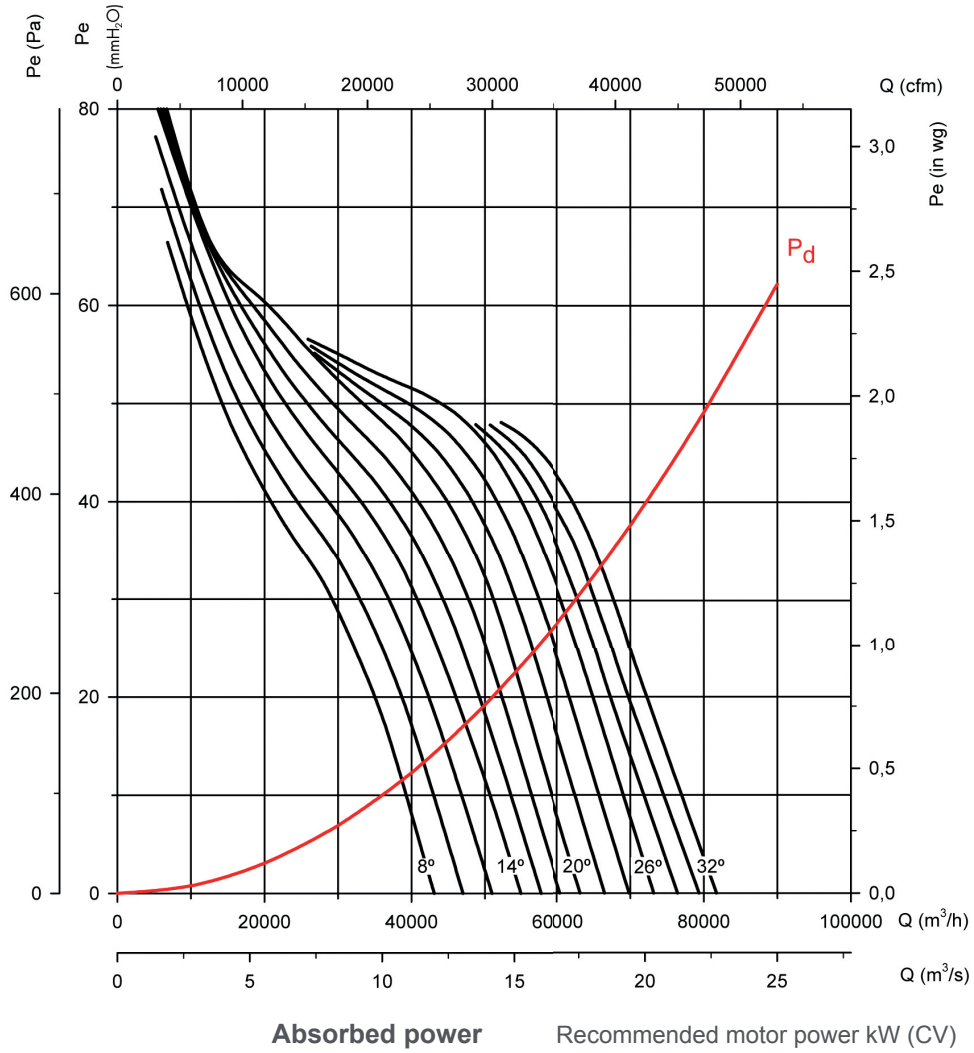
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 100    Number of poles: 4    Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

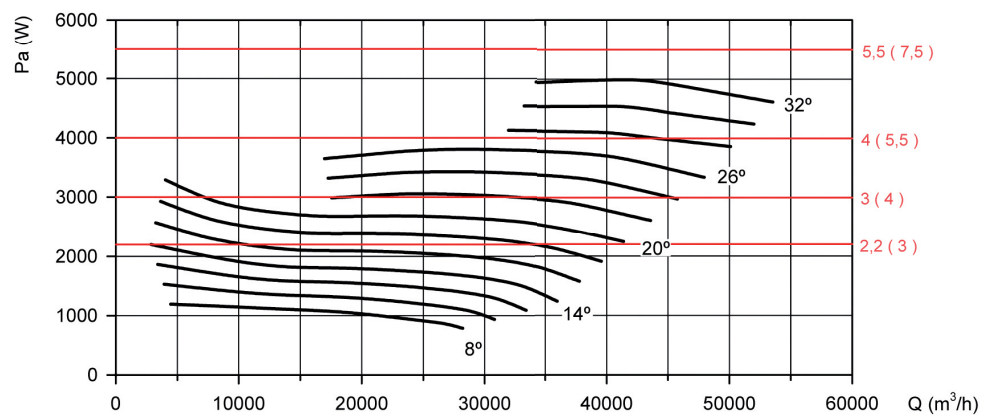
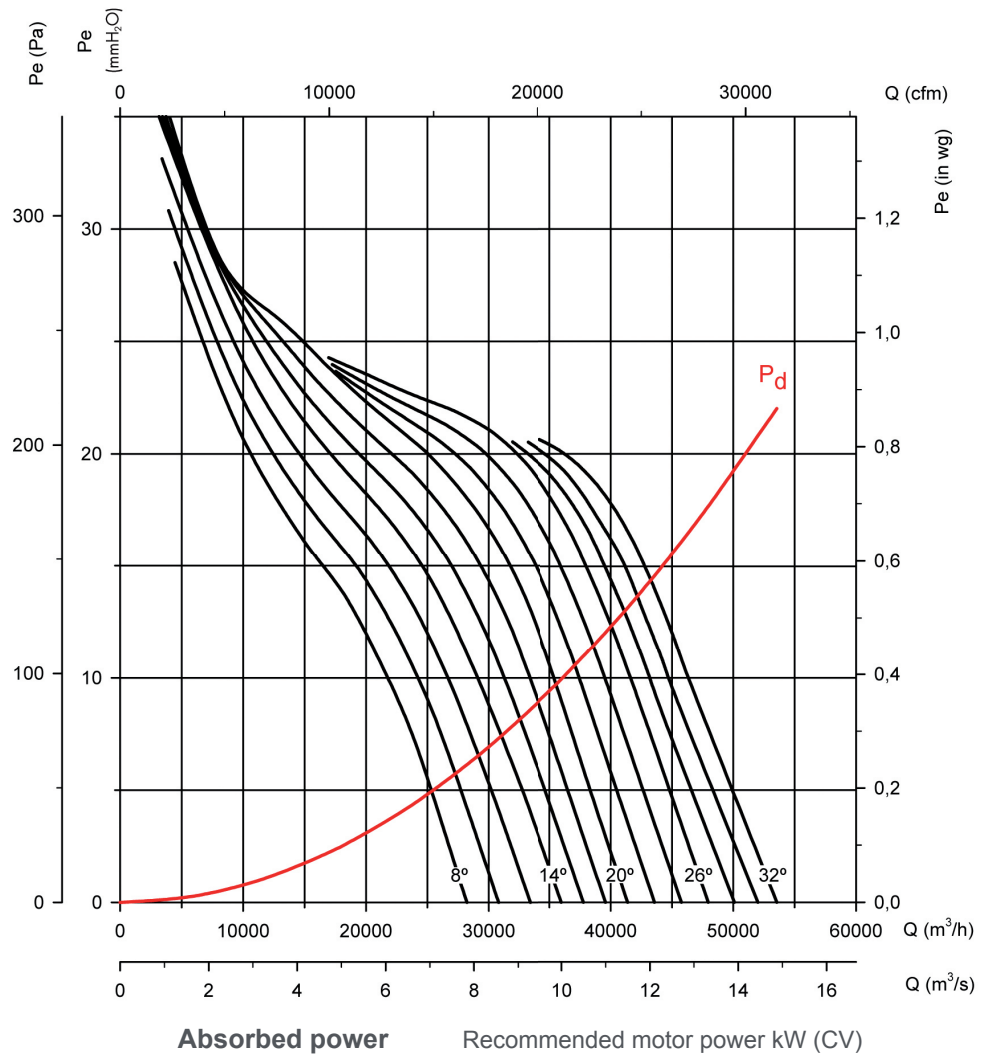
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 100    Number of poles: 6    Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

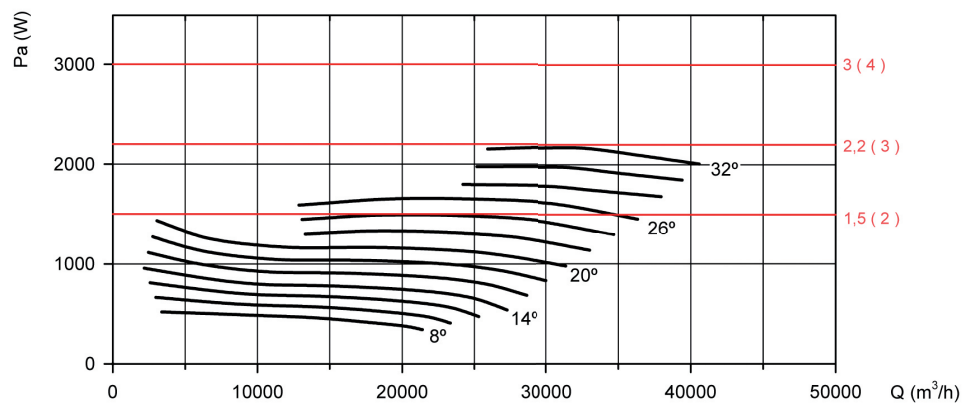
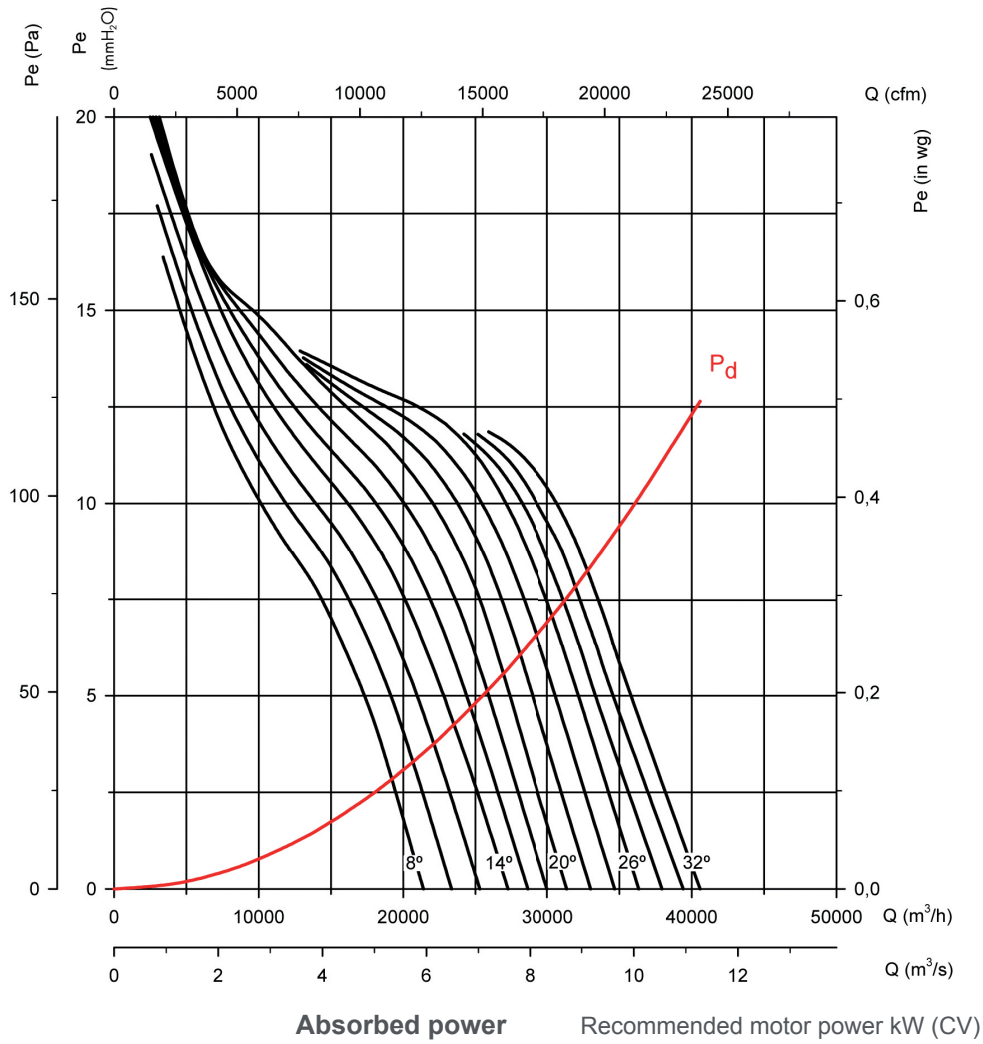
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 100    Number of poles: 8    Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

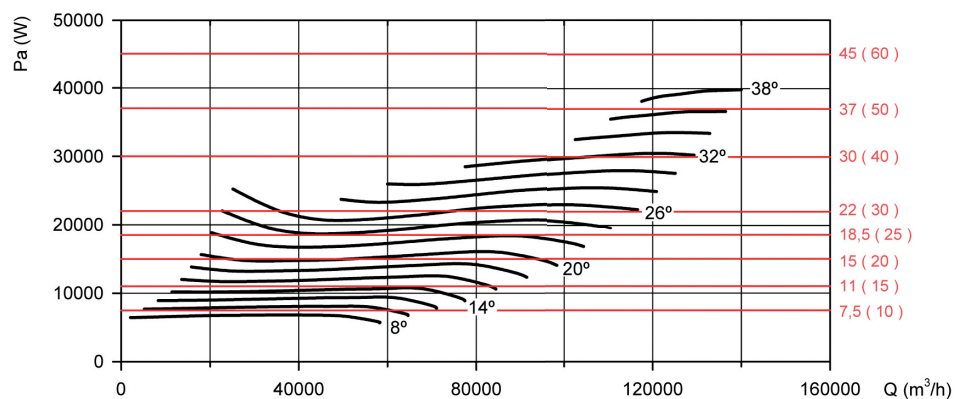
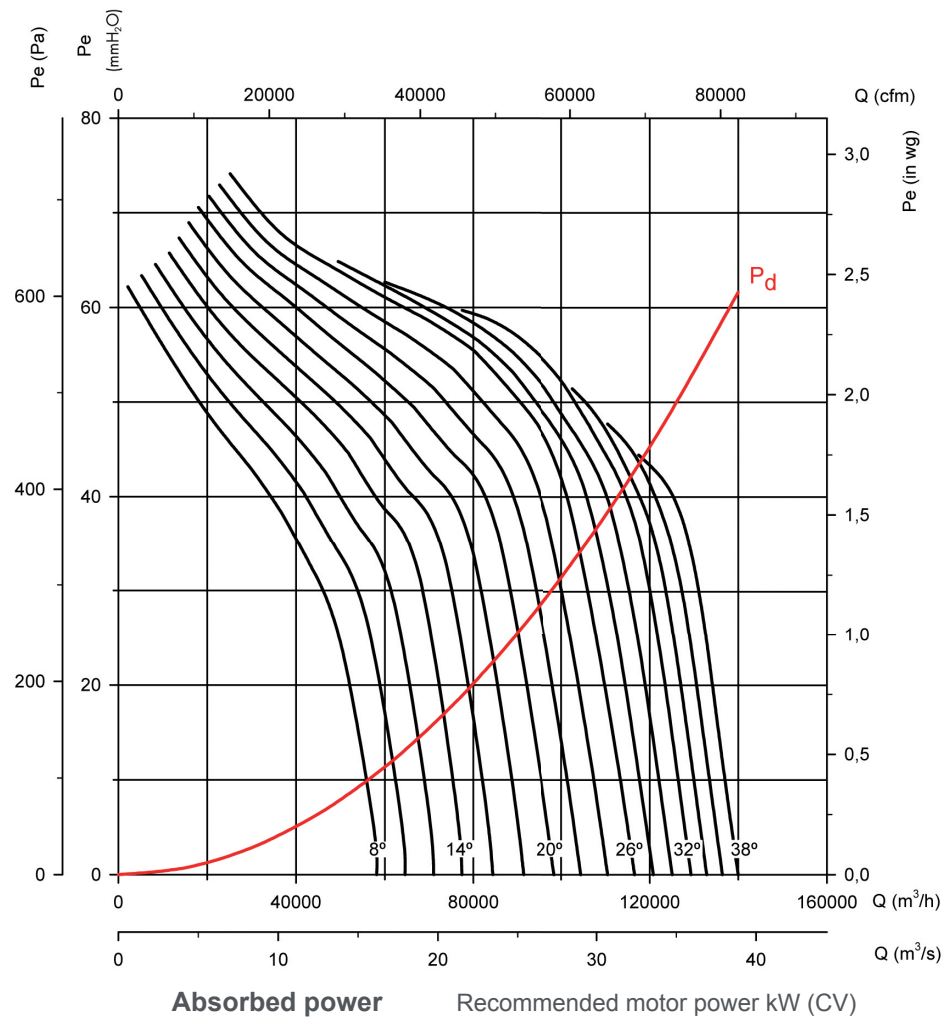
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 125    Number of poles: 4    Number of blades: 3**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

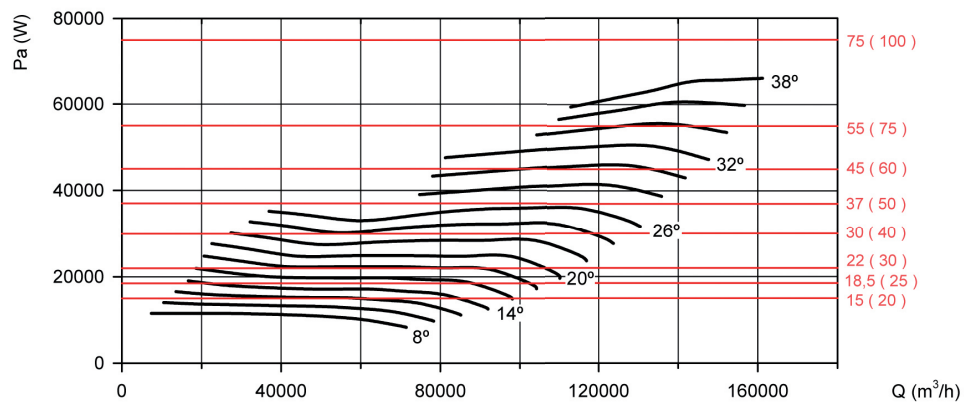
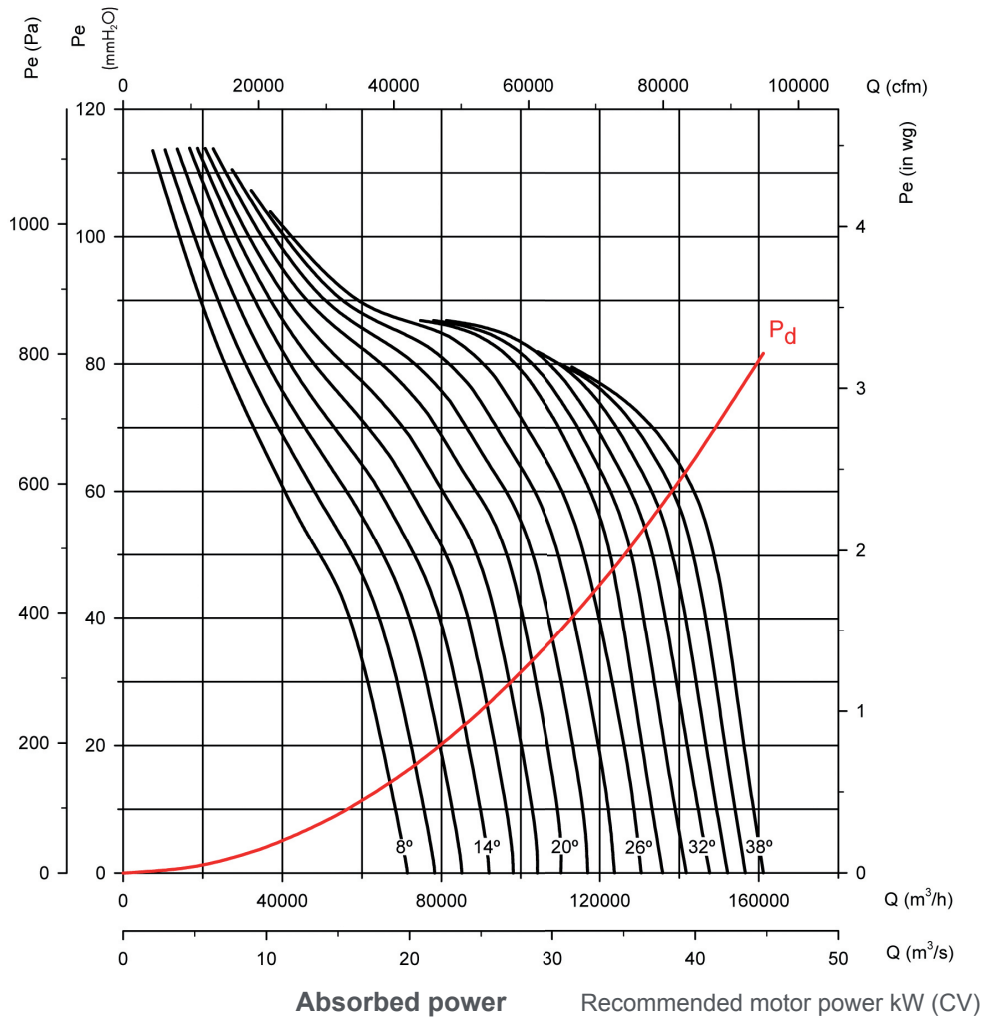
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 125    Number of poles: 4    Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

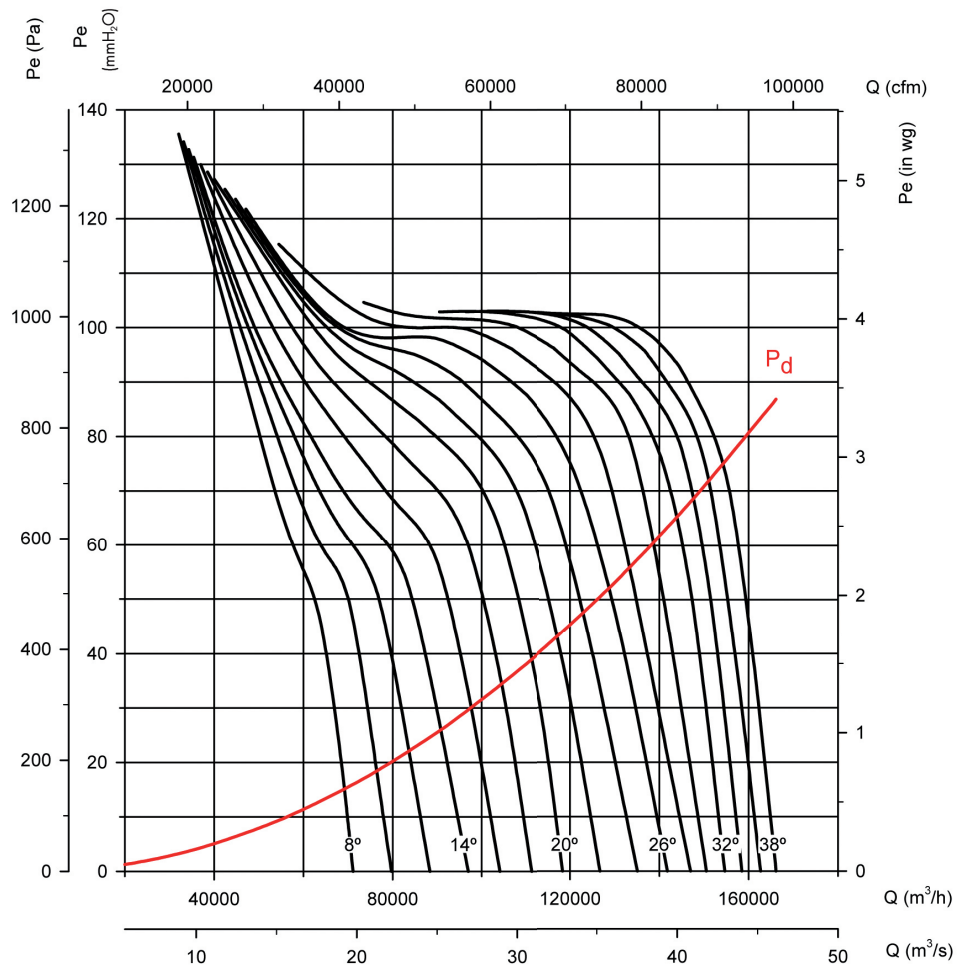
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

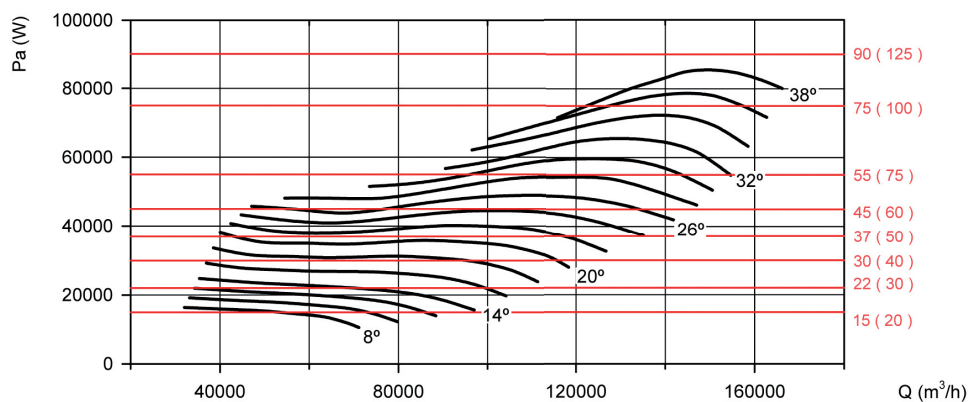
Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 125    Number of poles: 4    Number of blades: 9**



### Absorbed power

### Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

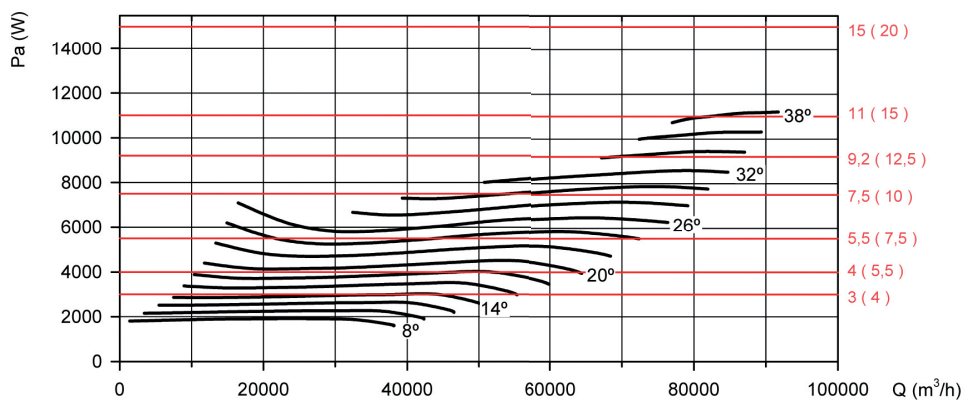
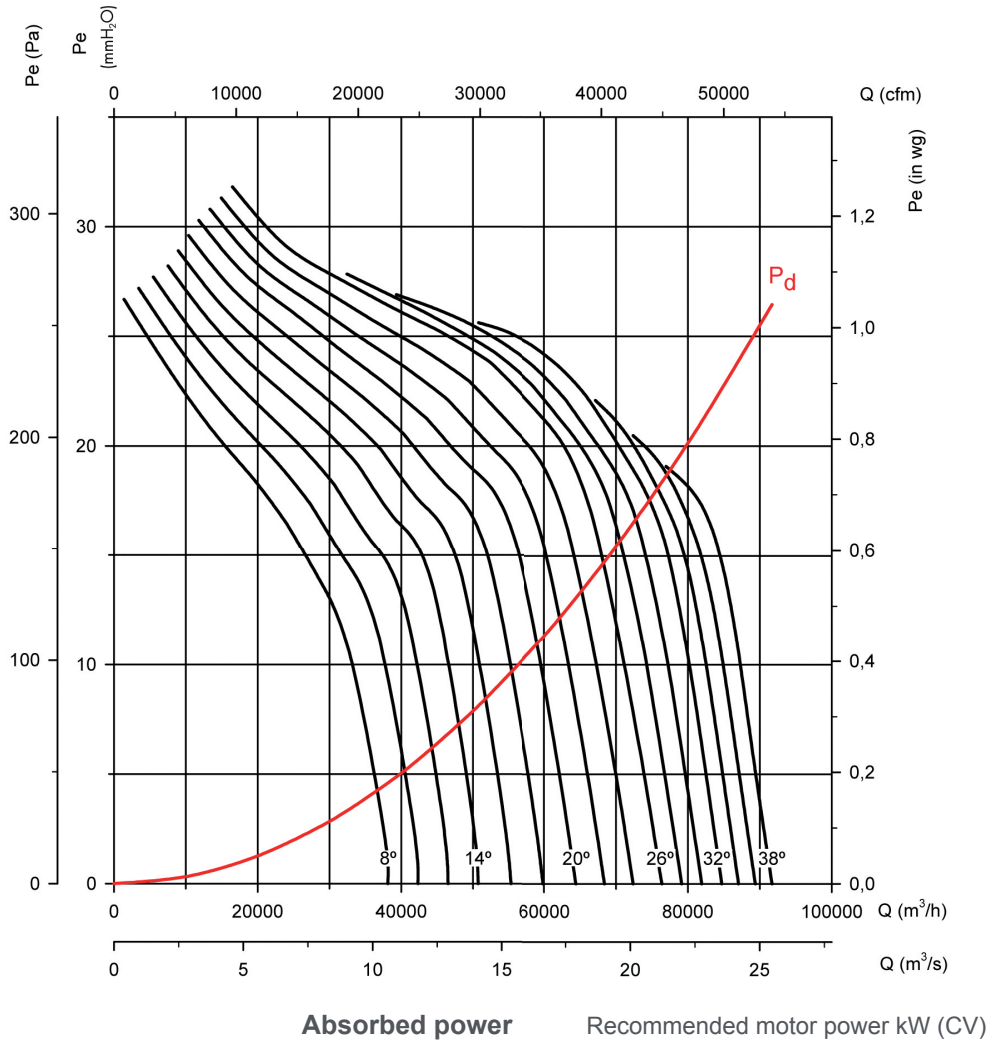
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 125    Number of poles: 6    Number of blades: 3**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

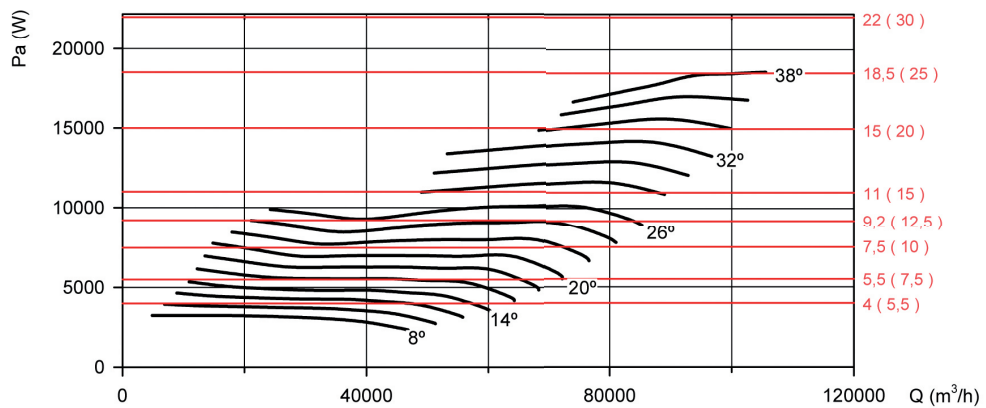
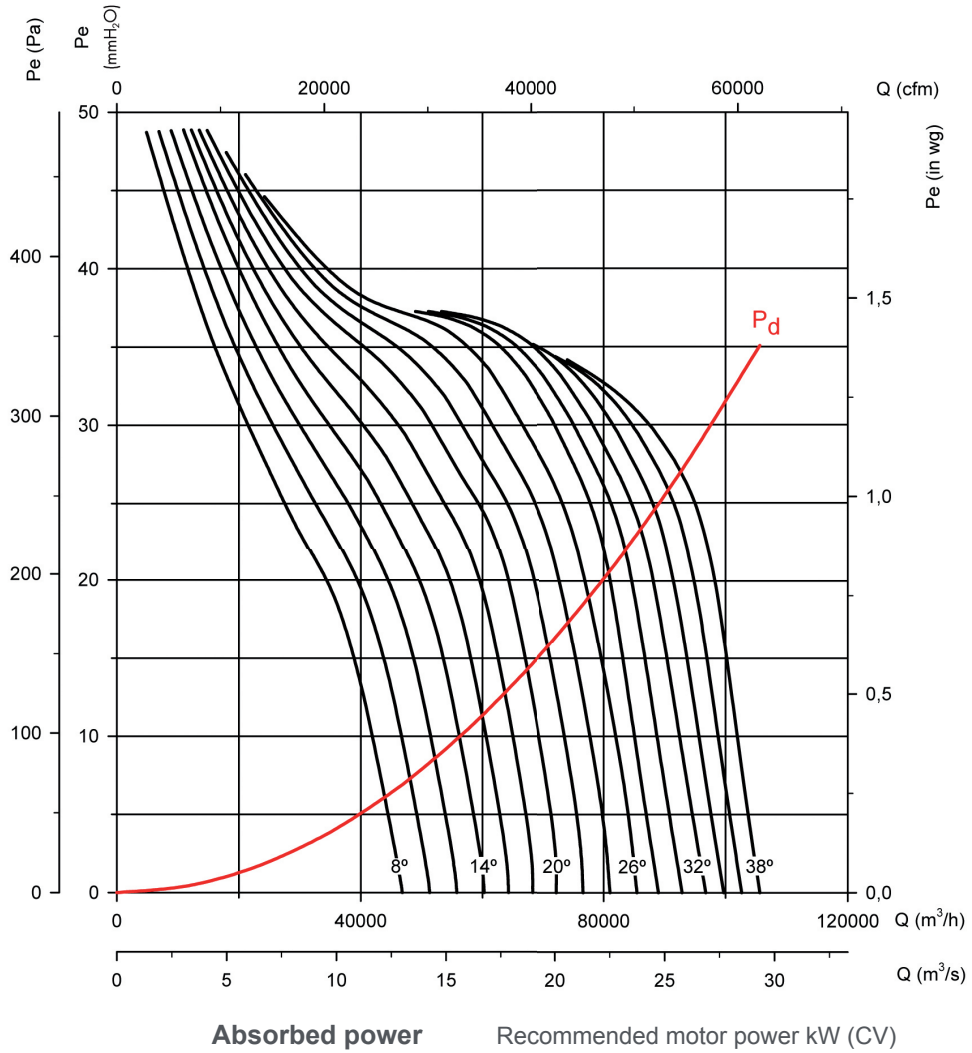
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 125    Number of poles: 6    Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.



# Axial Flow Fans

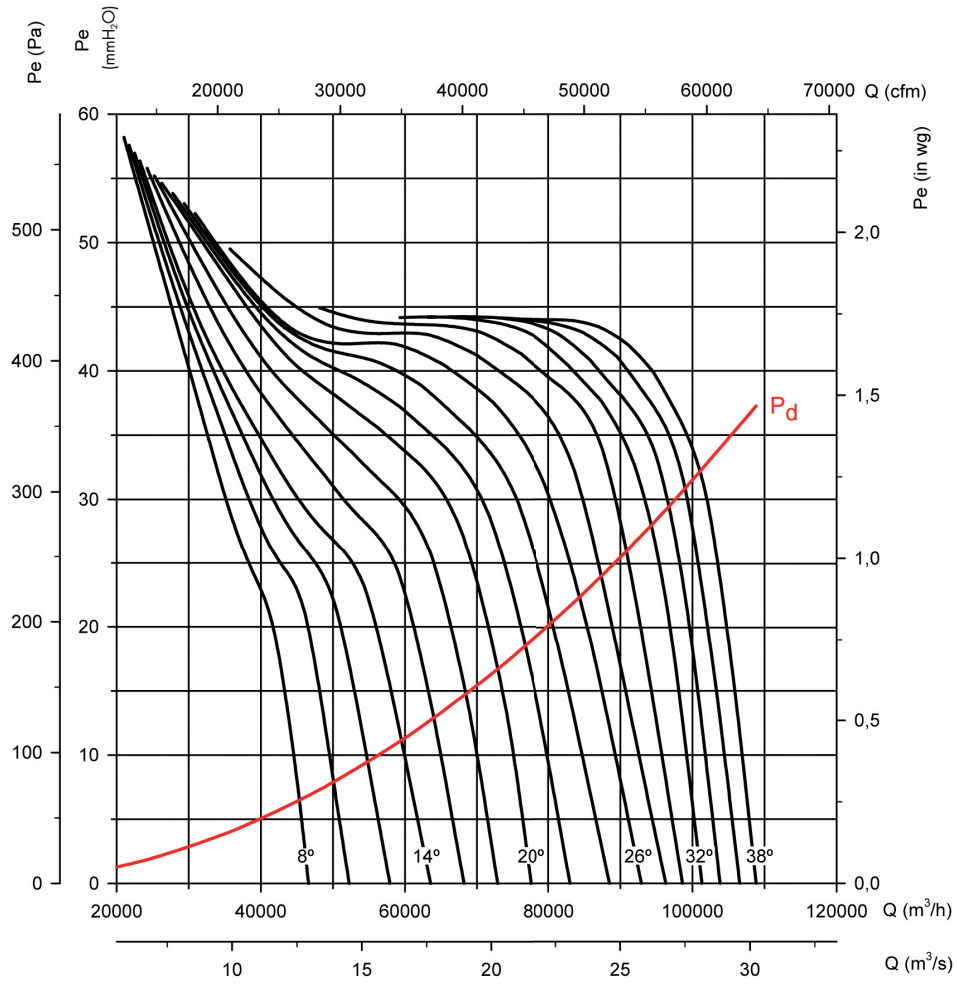
## Characteristic curves

HC PS CJHC PS:

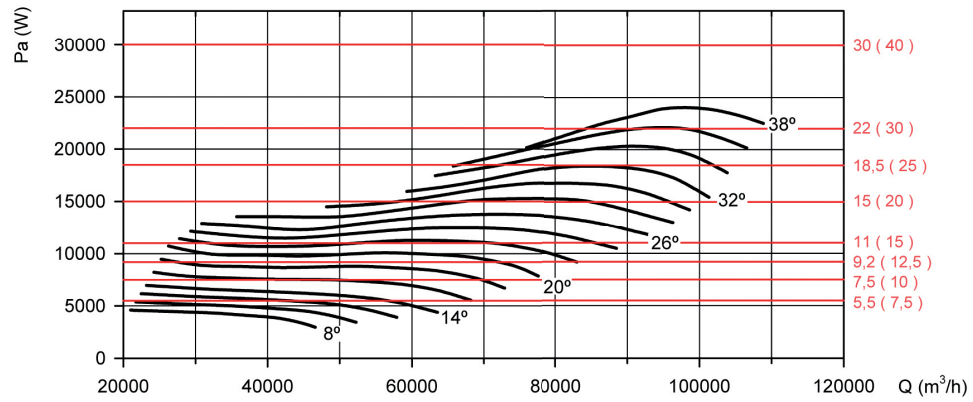
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 125    Number of poles: 6    Number of blades: 9**



**Absorbed power      Recommended motor power kW (CV)**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS

CJHC PS:

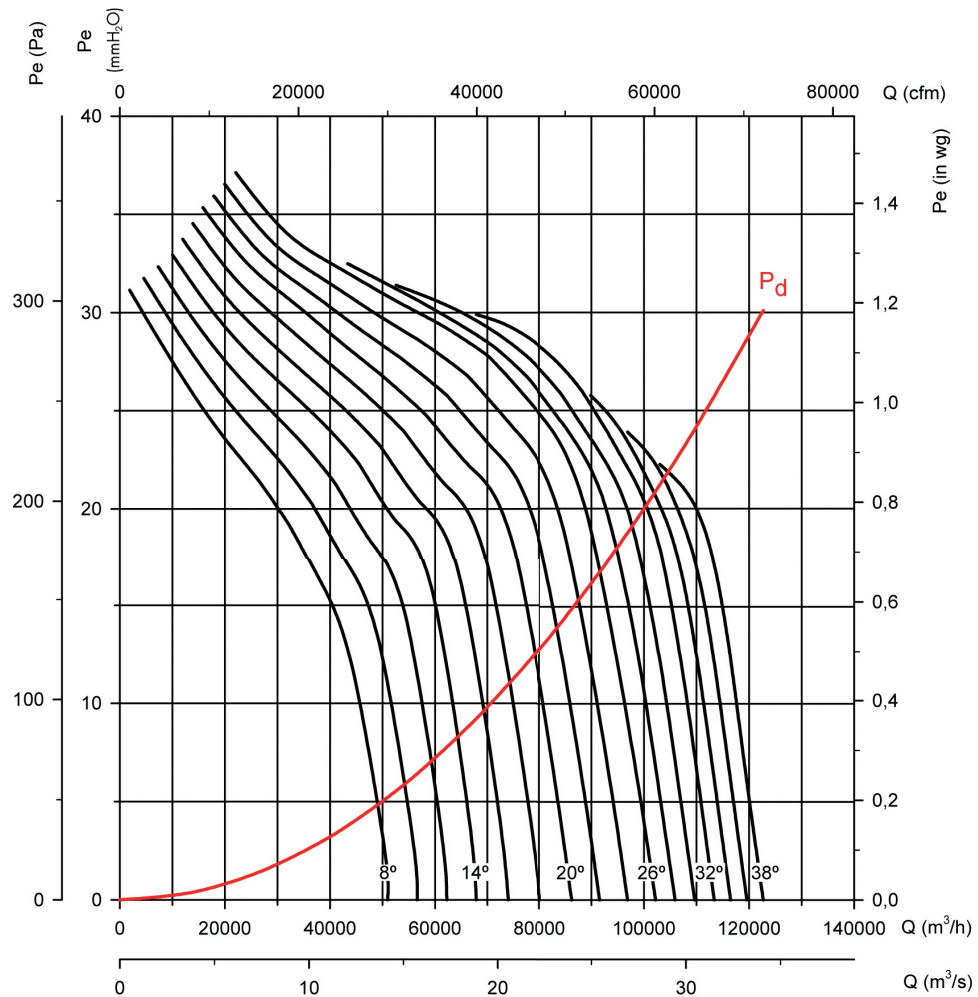
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 140**

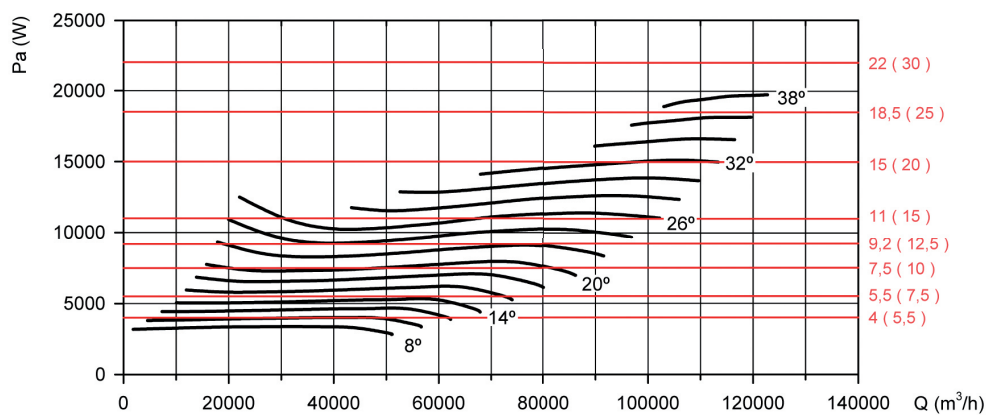
**Number of poles: 6**

**Number of blades: 3**



Absorbed power

Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

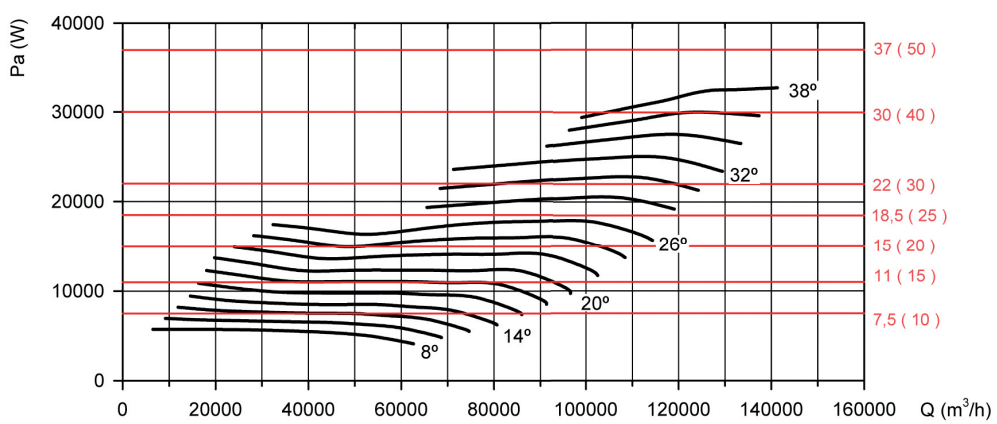
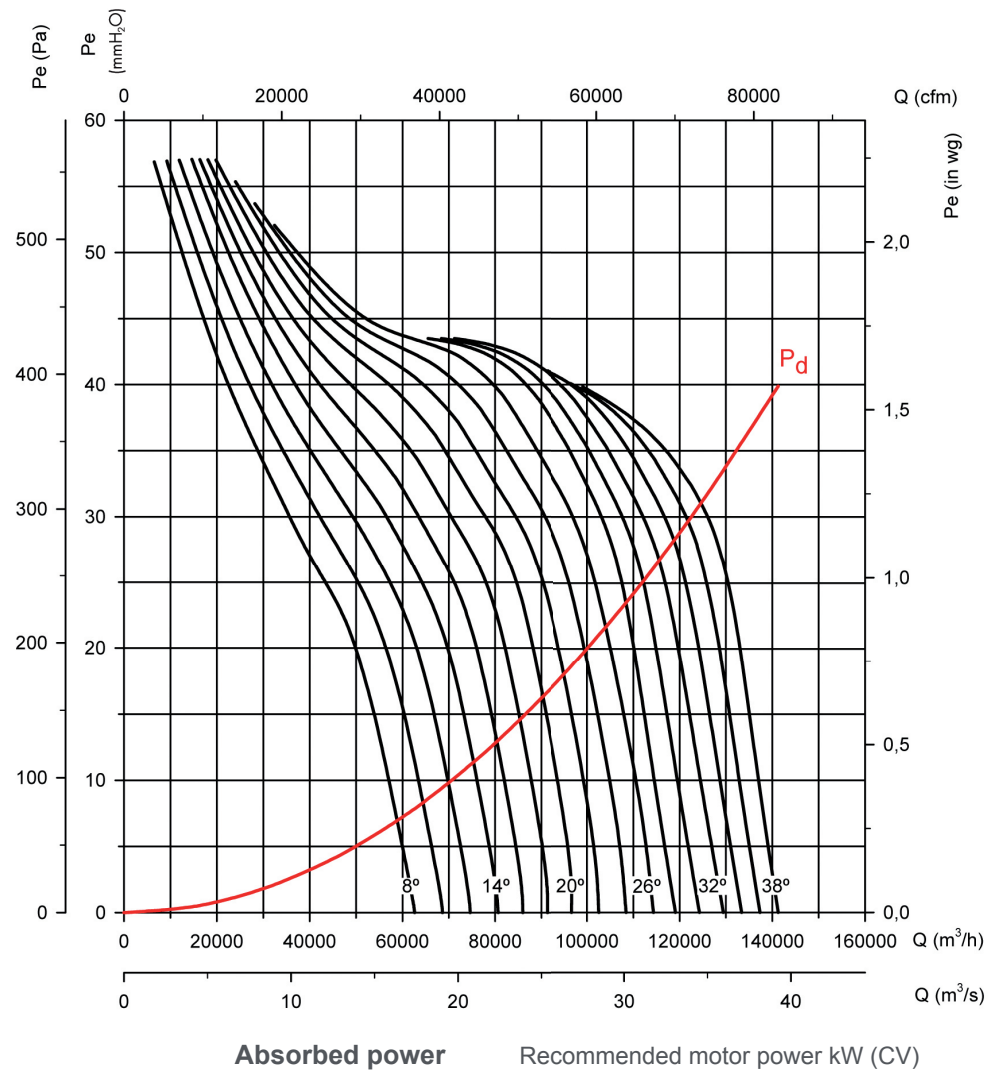
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 140    Number of poles: 6    Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

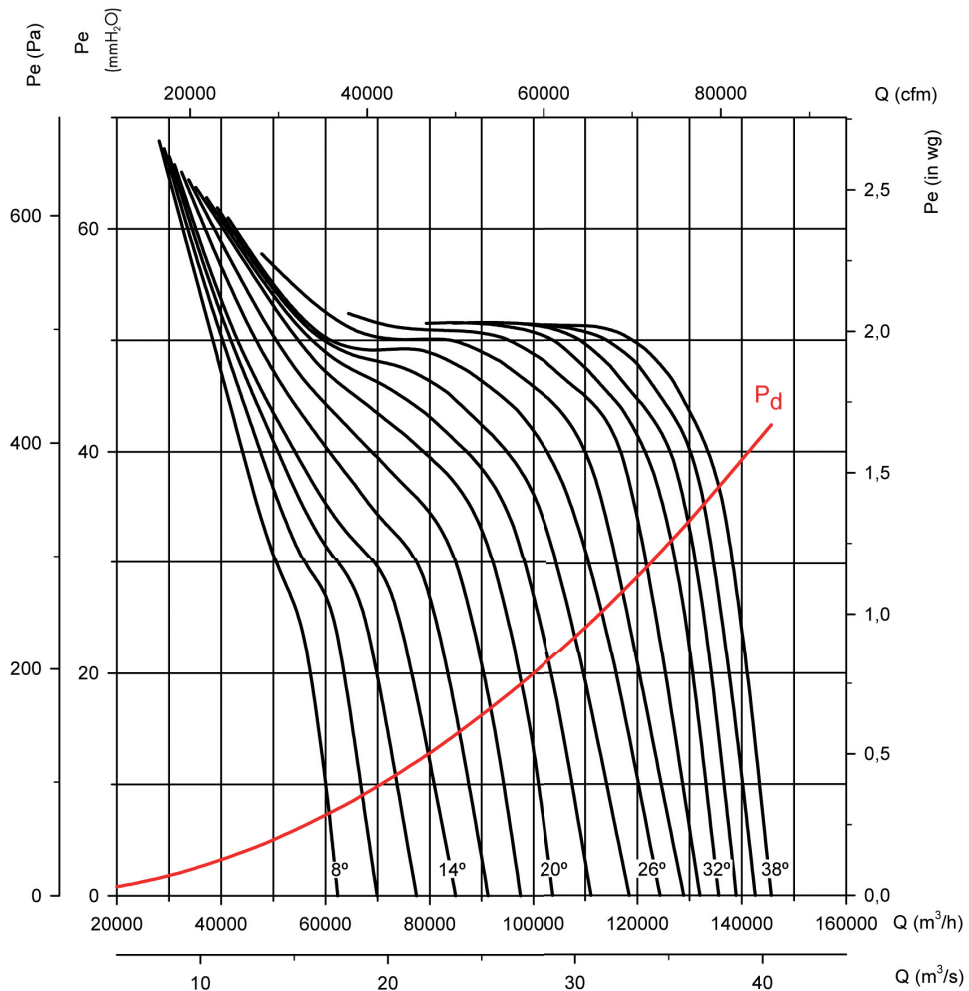
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

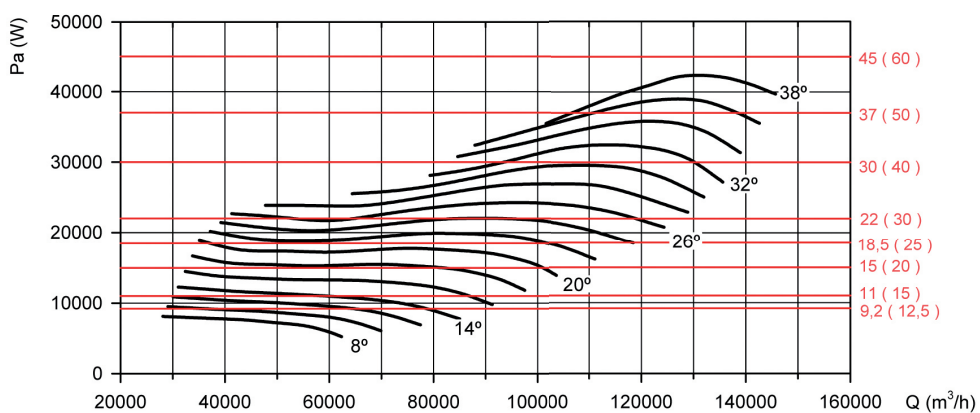
Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 140    Number of poles: 6    Number of blades: 9**



### Absorbed power

### Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

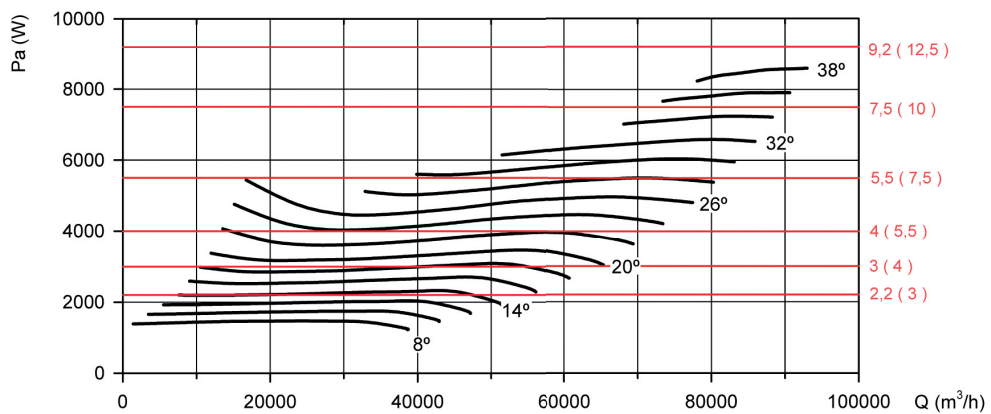
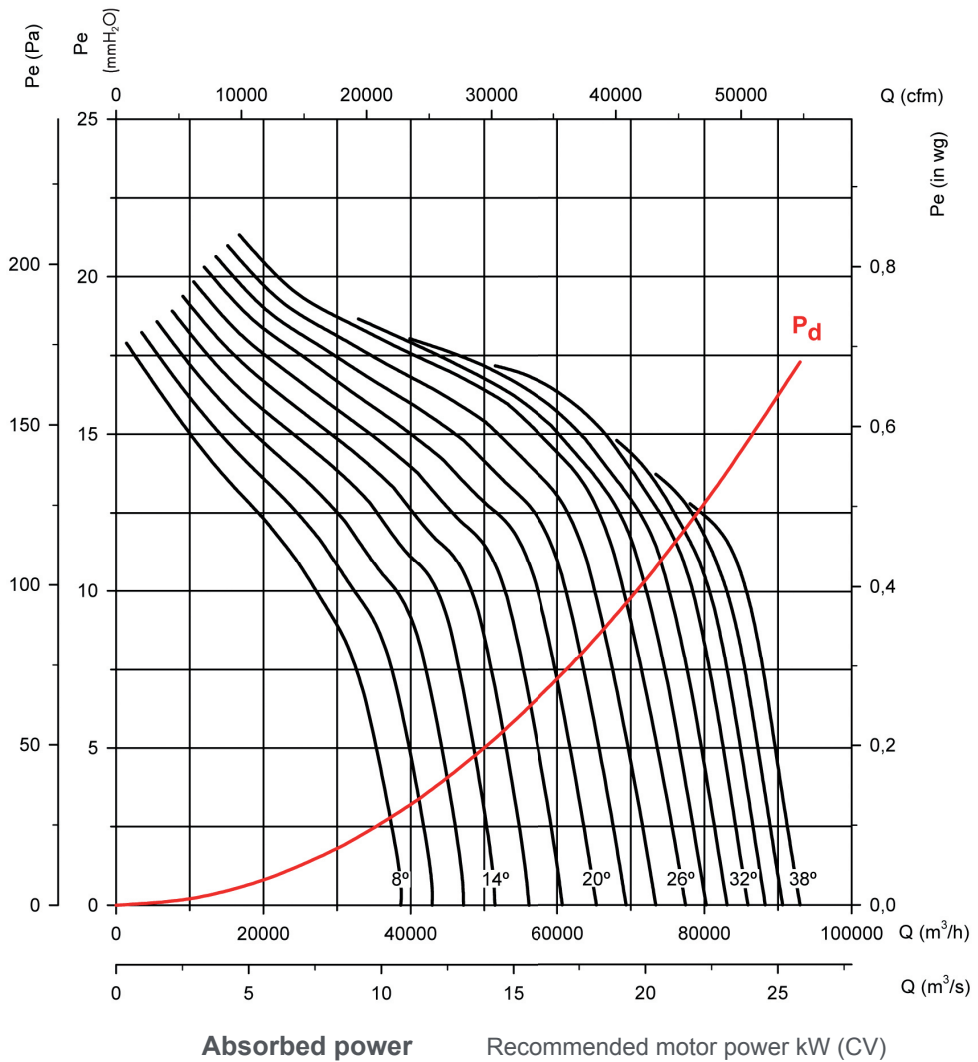
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 140    Number of poles: 8    Number of blades: 3**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

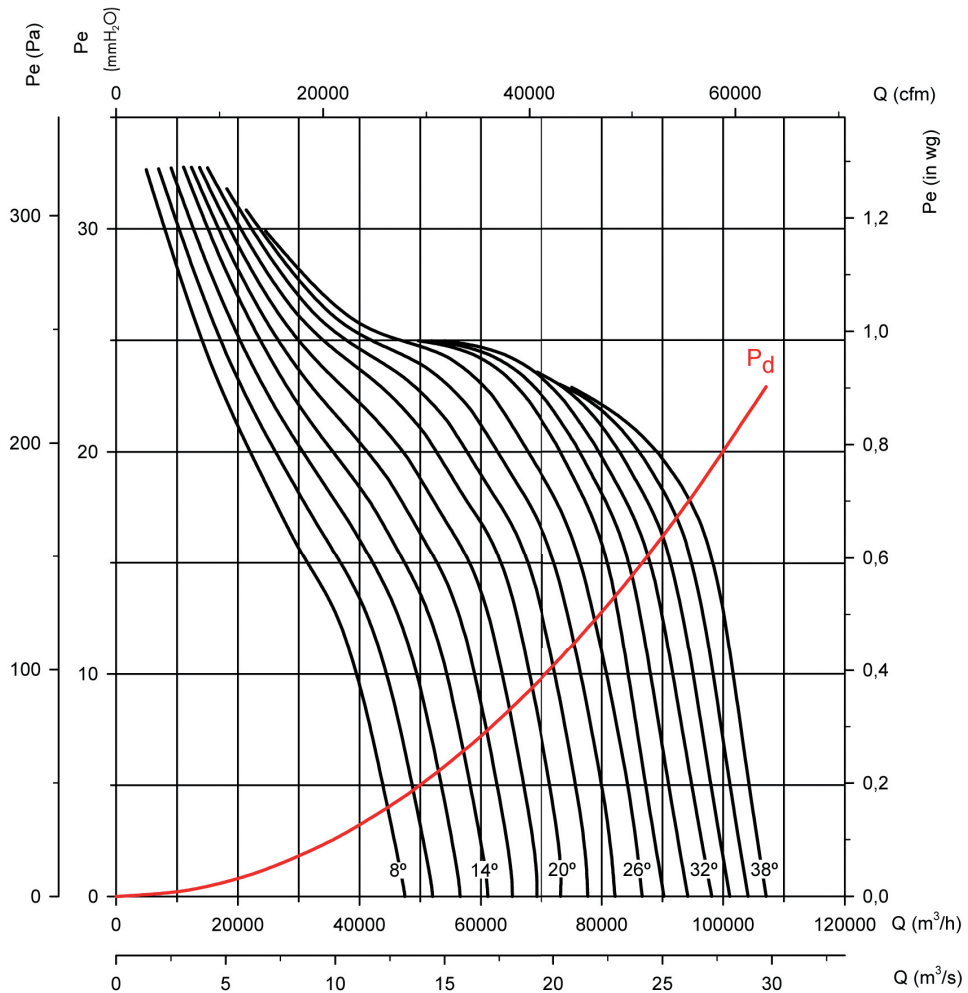
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

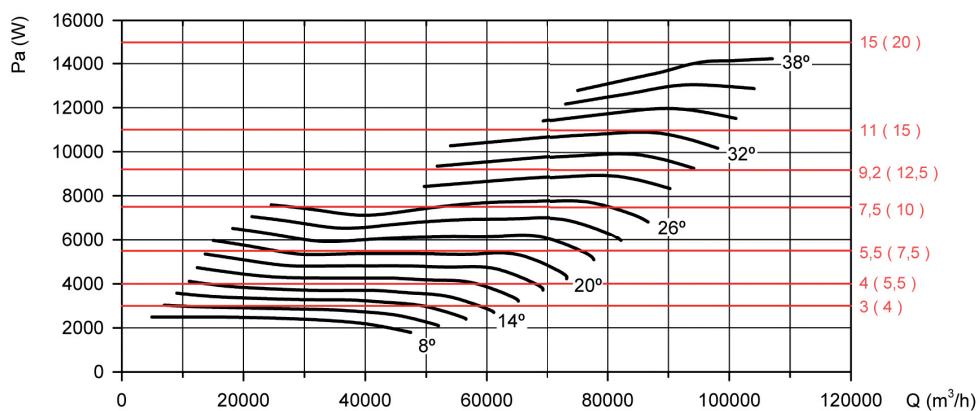
Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 140    Number of poles: 8    Number of blades: 6**



## Absorbed power

## Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

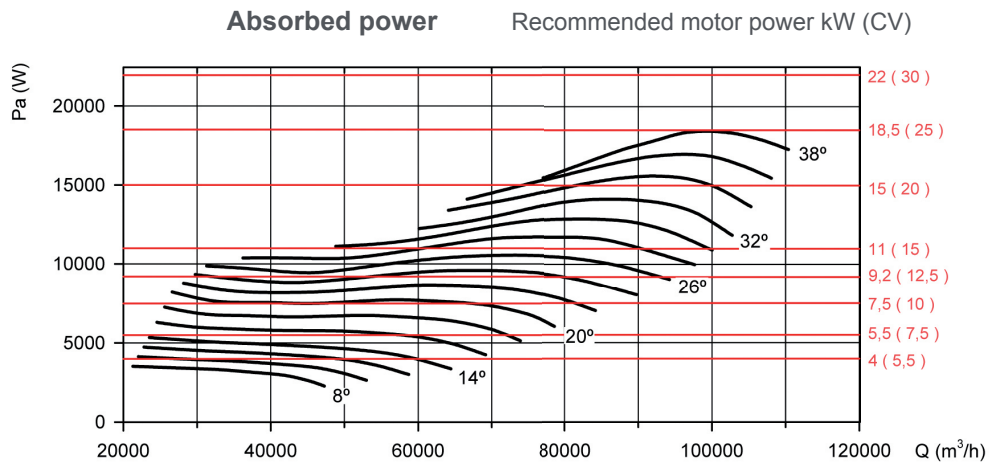
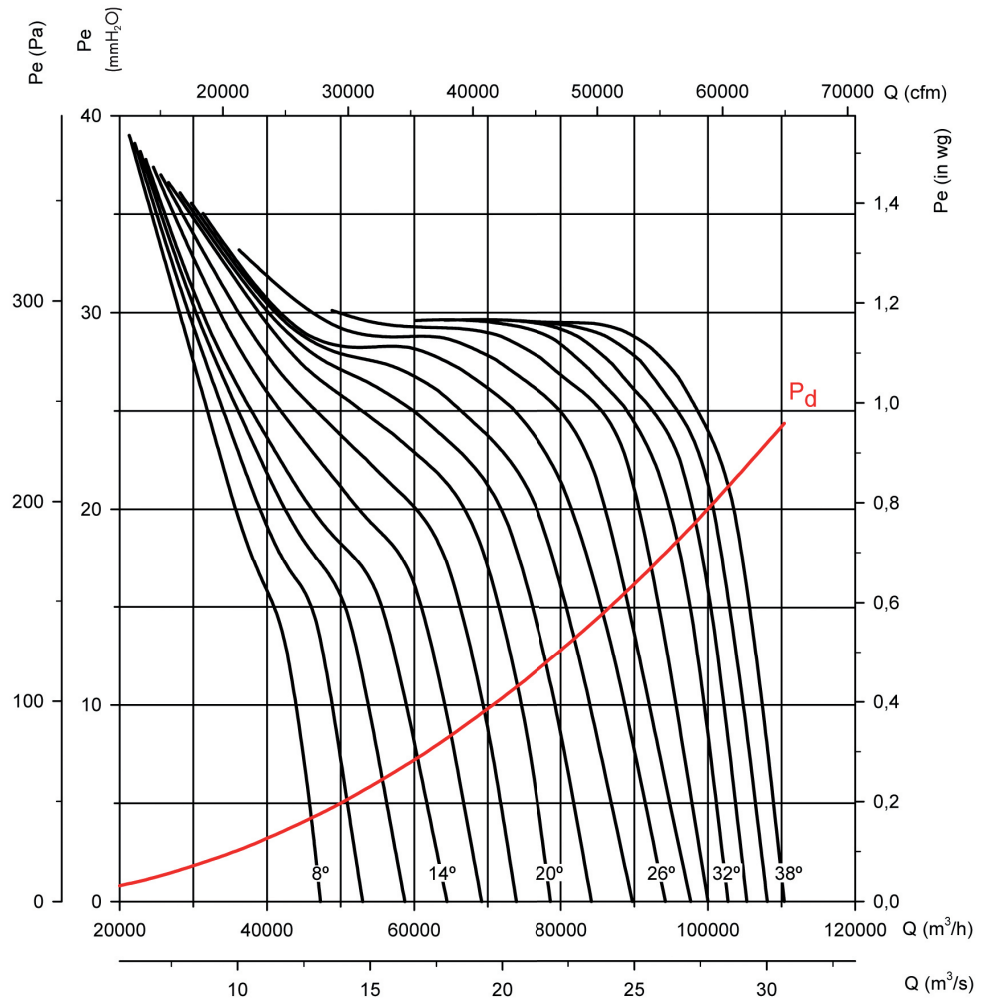
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 140    Number of poles: 8    Number of blades: 9**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

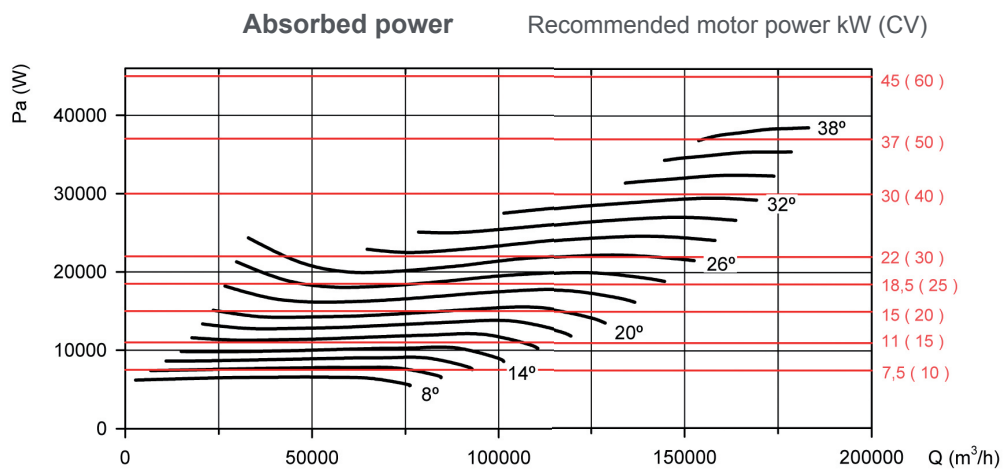
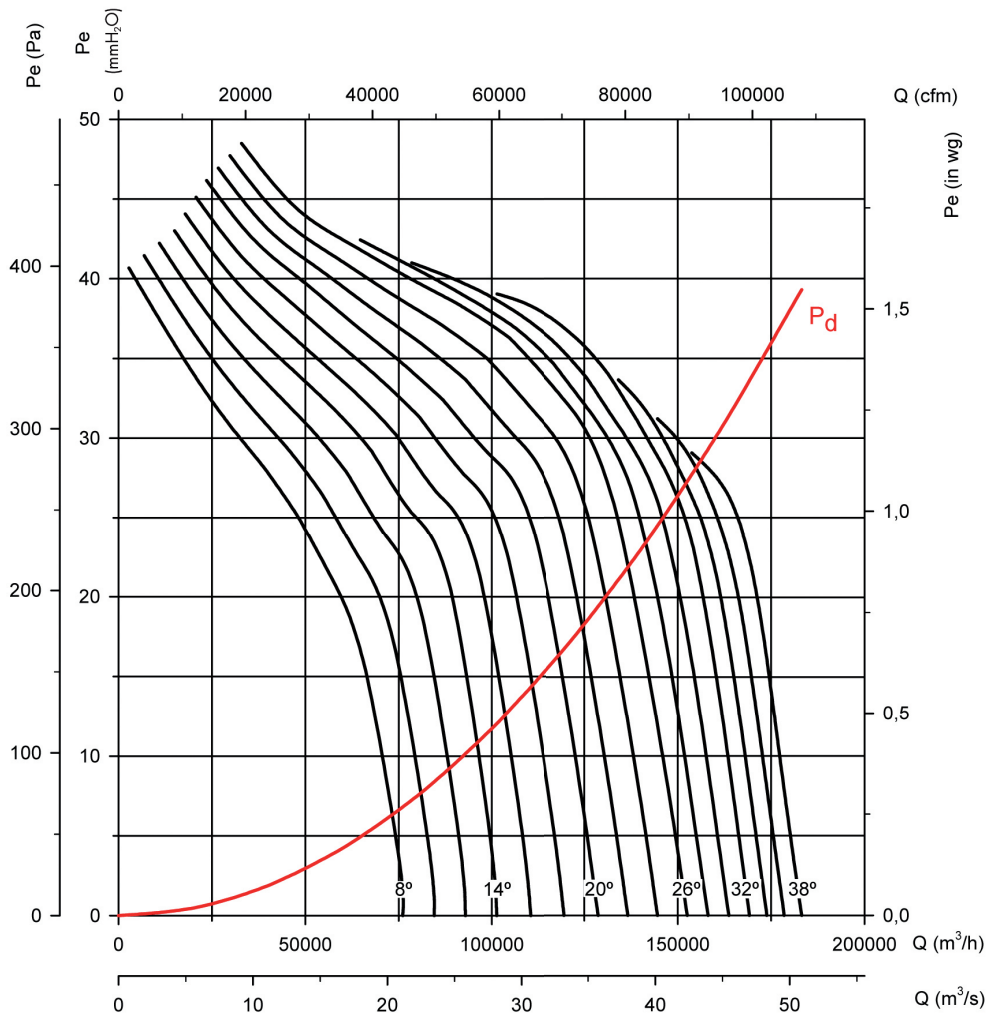
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 160    Number of poles: 6    Number of blades: 3**



Available features best efficiency point (BEP) at the end of the series.



# Axial Flow Fans

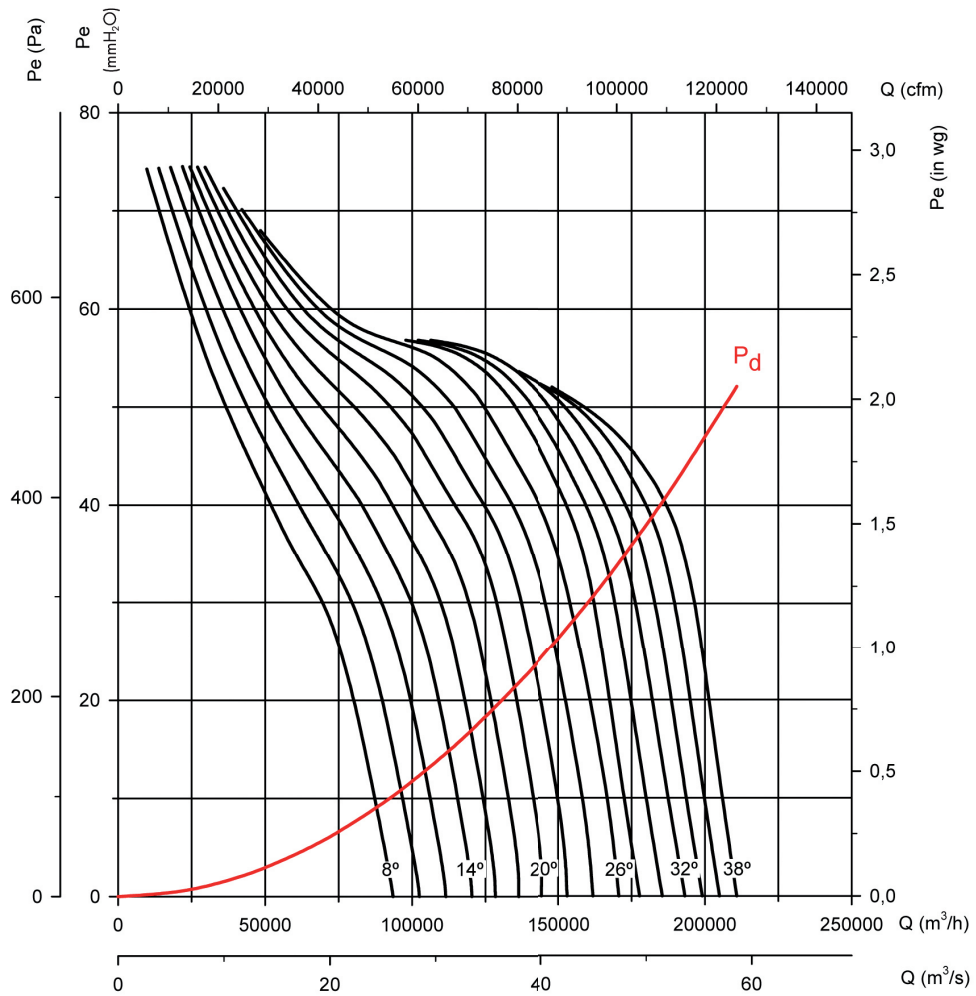
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

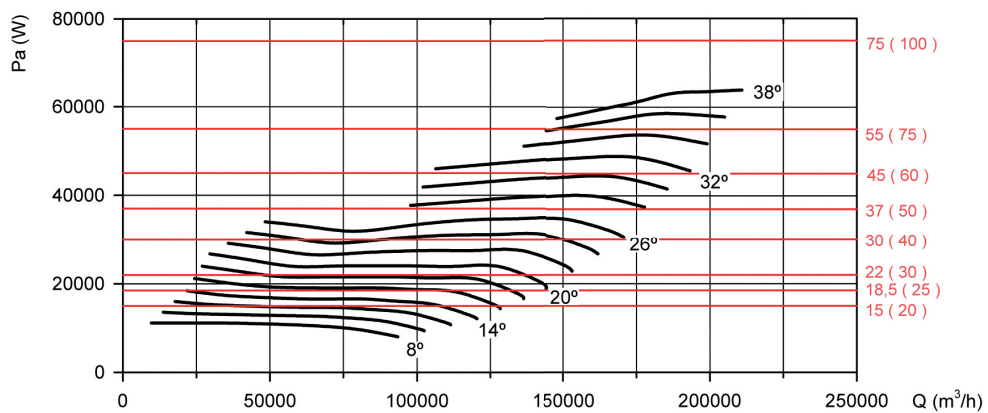
Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 160    Number of poles: 6    Number of blades: 8**



### Absorbed power

### Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

## Characteristic curves

HC PS

CJHC PS:

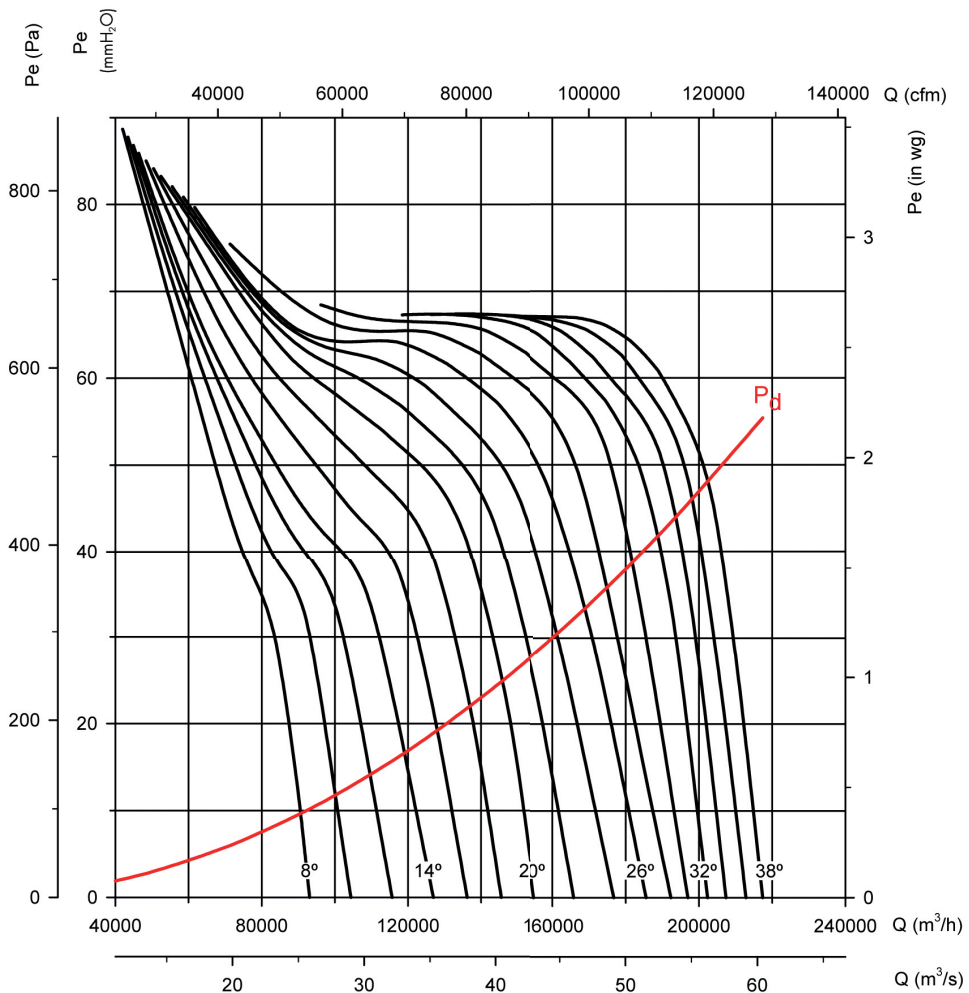
Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 160**

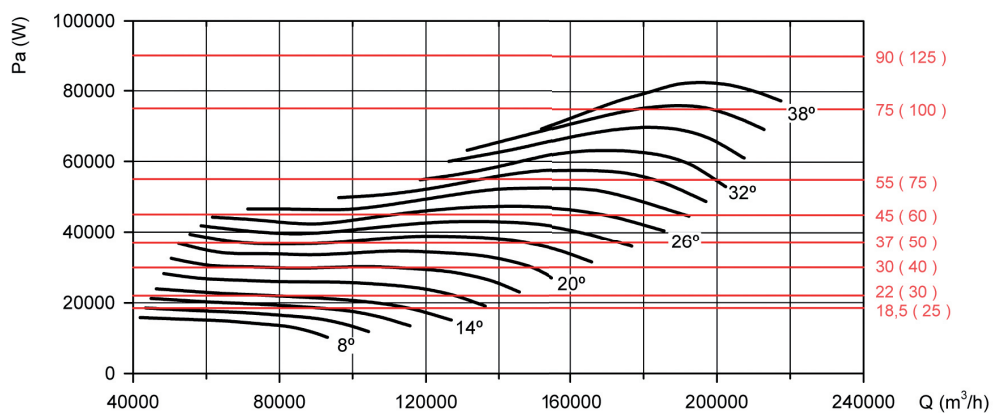
**Number of poles: 6**

**Number of blades: 9**



### Absorbed power

### Recommended motor power kW (CV)



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

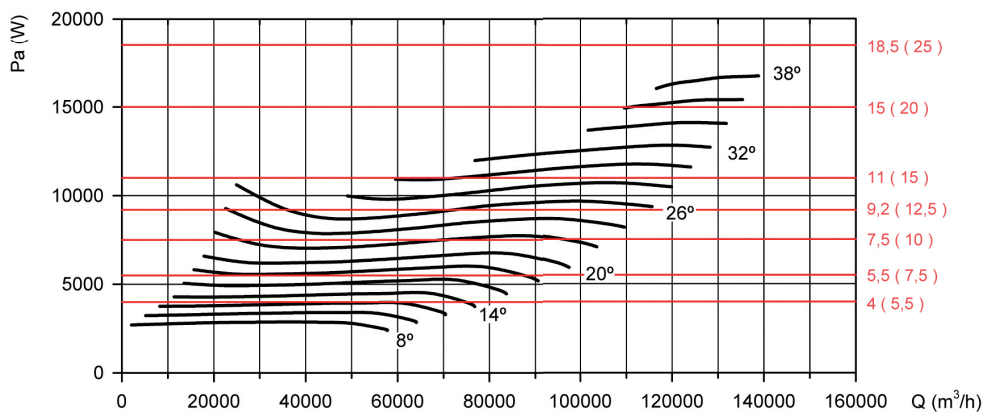
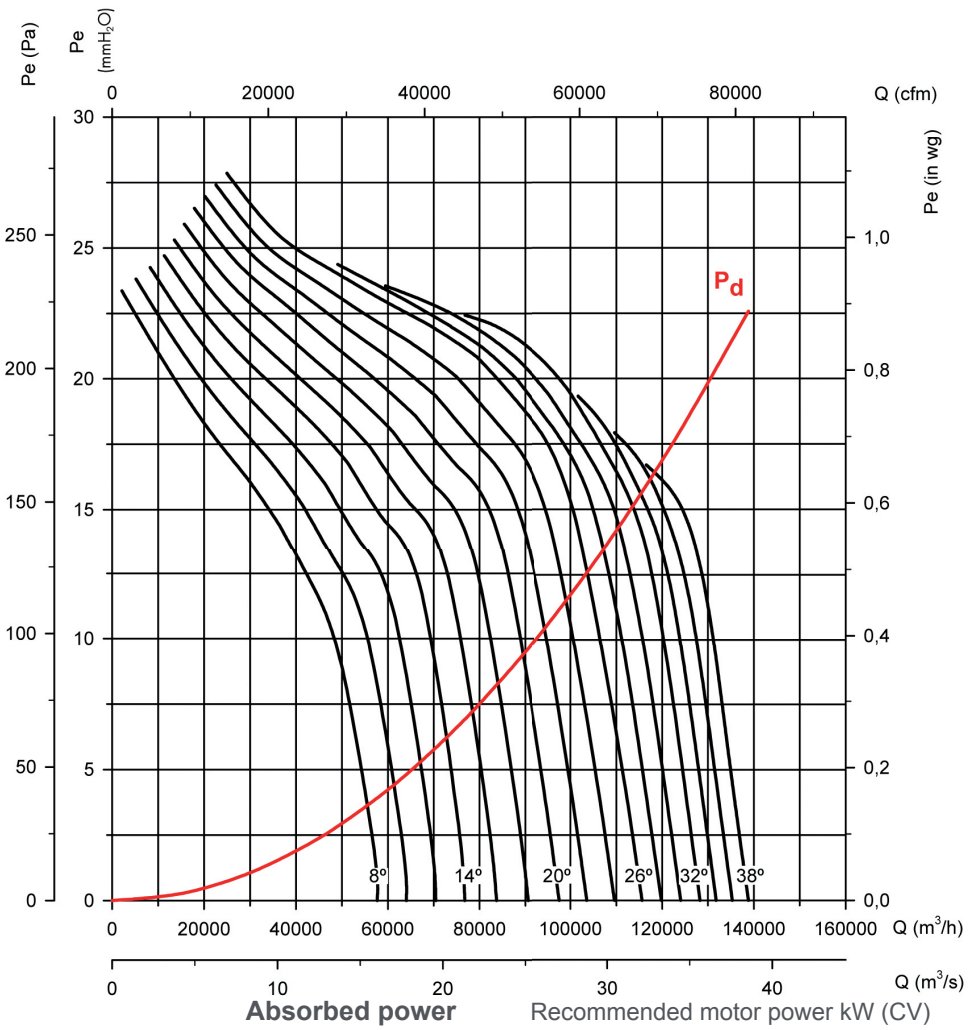
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 160    Number of poles: 8    Number of blades: 3**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

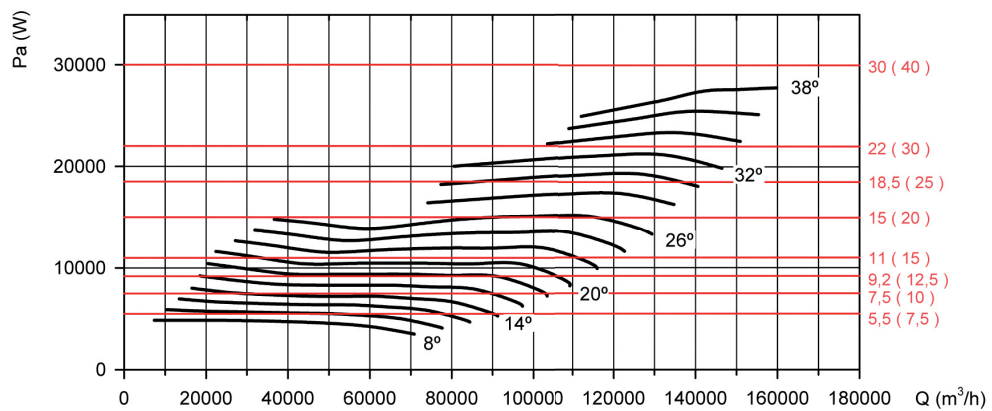
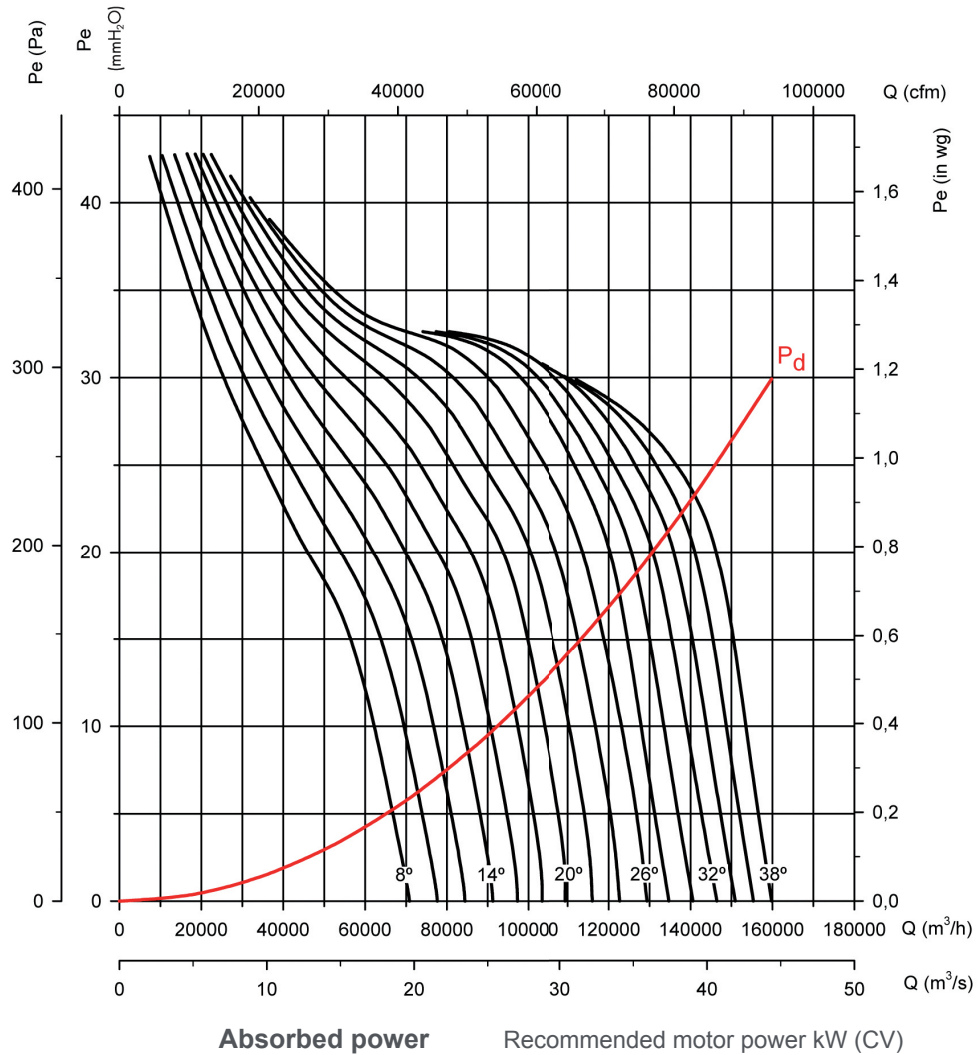
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 160    Number of poles: 8    Number of blades: 6**



Available features best efficiency point (BEP) at the end of the series.

# Axial Flow Fans

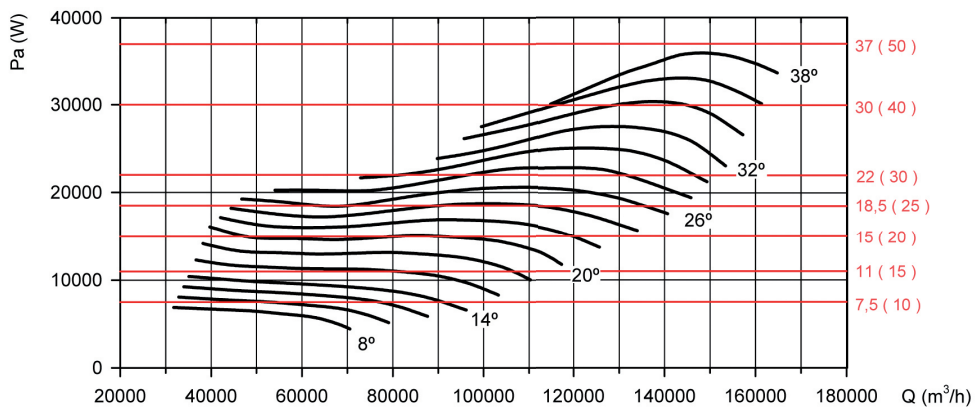
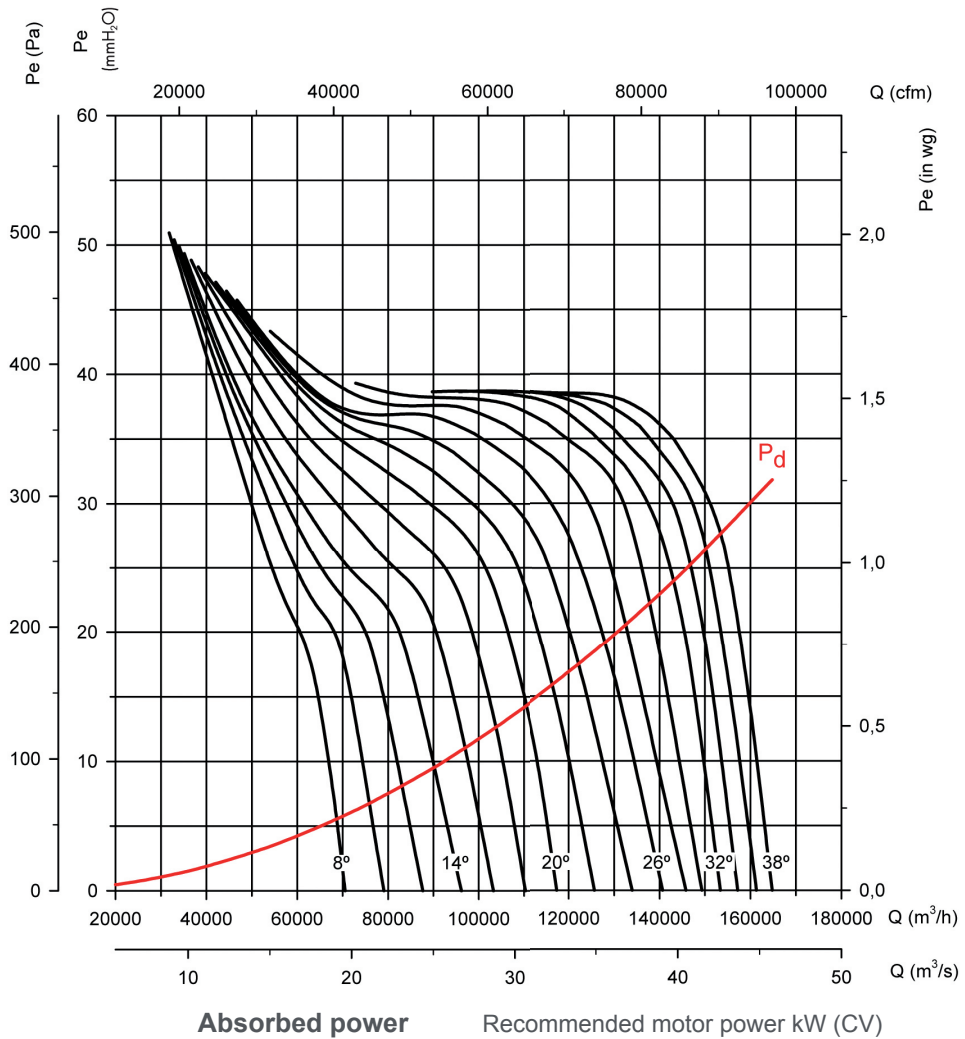
## Characteristic curves

HC PS CJHC PS:

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

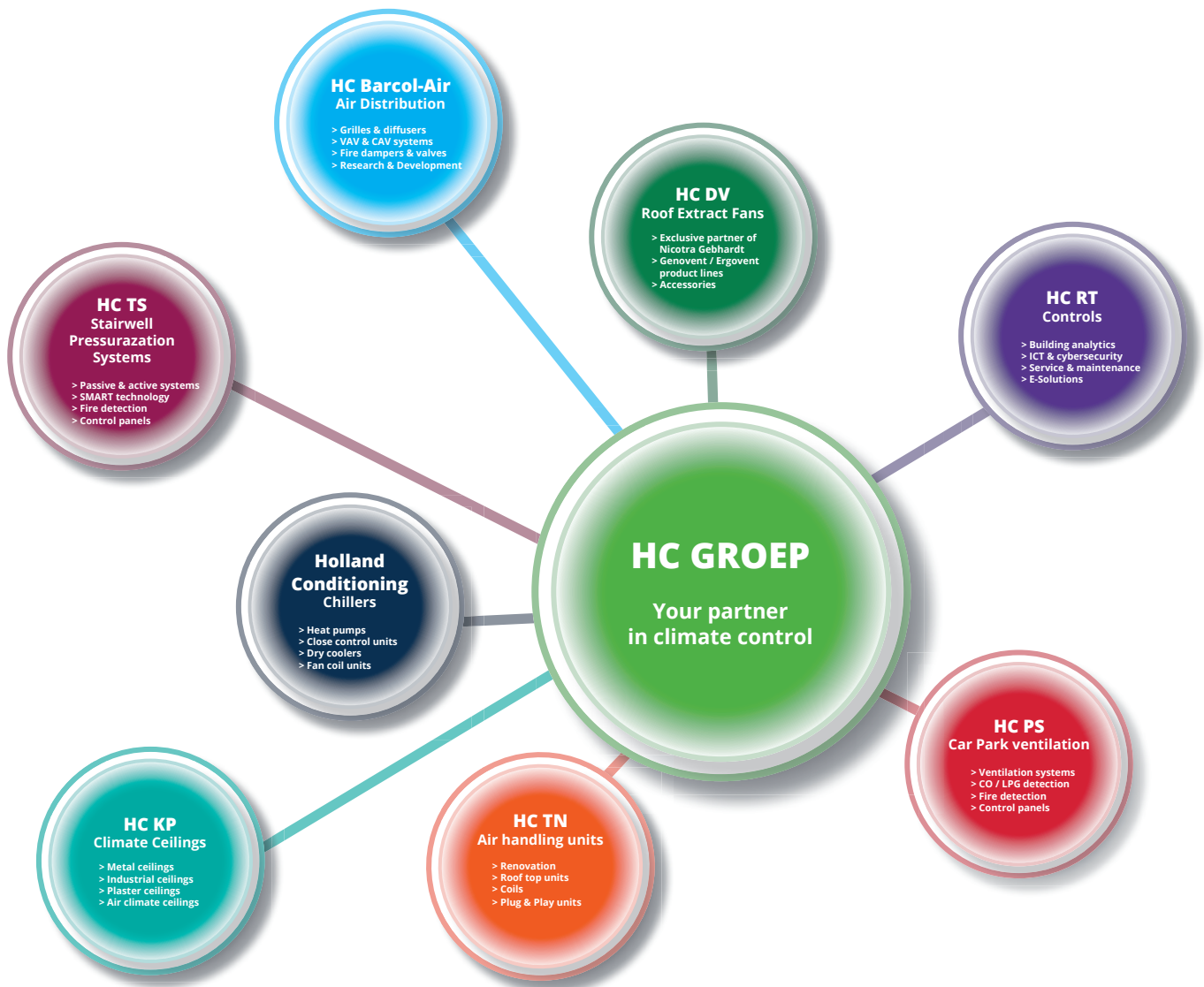
Pe = Static pressure in mm.w.c., Pa and inwg.

**Impeller diameter (cm): 160    Number of poles: 8    Number of blades: 9**



Available features best efficiency point (BEP) at the end of the series.

# TAKING THE NEXT STEP



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