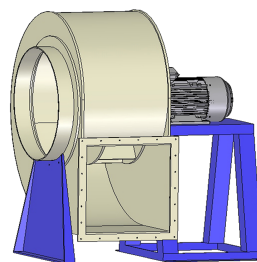


## Research Data

|                                  |       |
|----------------------------------|-------|
| Air-flow rate[m <sup>3</sup> /h] | 48575 |
| Pressure[Pa]                     | 2909  |
| Pressure Type                    | Psta  |
| Power supply                     | all   |
| Density[m <sup>3</sup> /h]       | 1.205 |

## Label

|               |             |
|---------------|-------------|
| Code          | PR1004-ATEX |
| Voltage[V]    | 400         |
| Phases        | 3           |
| Current[A]    |             |
| Poles         | 4           |
| Weight[kg]    | 920         |
| Frequency[Hz] | 50          |
| Speed[rpm]    | 1450        |
| Power[kW]     | 75          |
| IP            | 55          |
| INS           |             |



**PRL-Q1004-ATEX**

PP-el antistatic welded housing - INOX/Fe+ebonite  
welded impeller - epoxy painted motor support -  
stainless steel screws

## Certificazioni

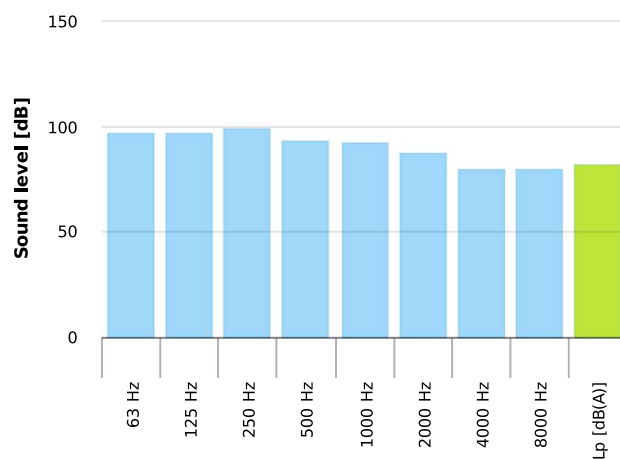
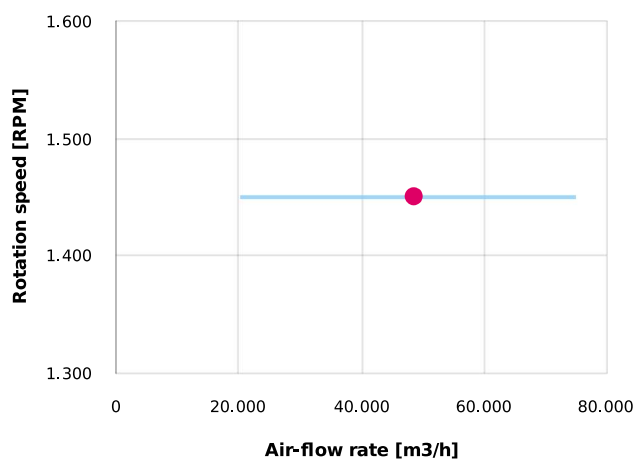
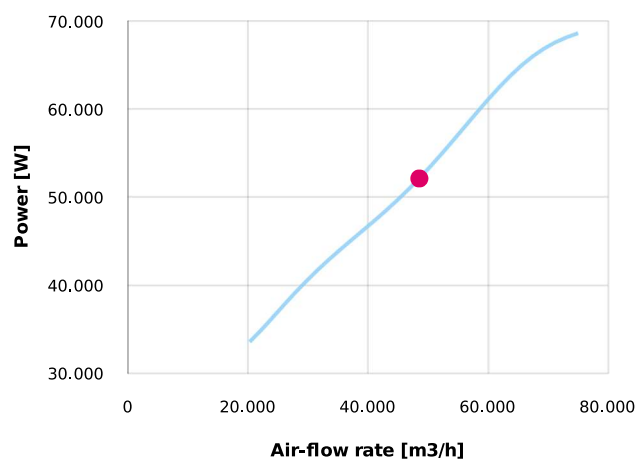
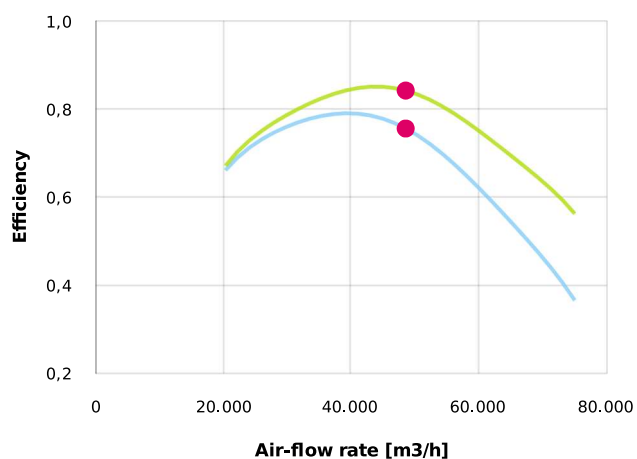
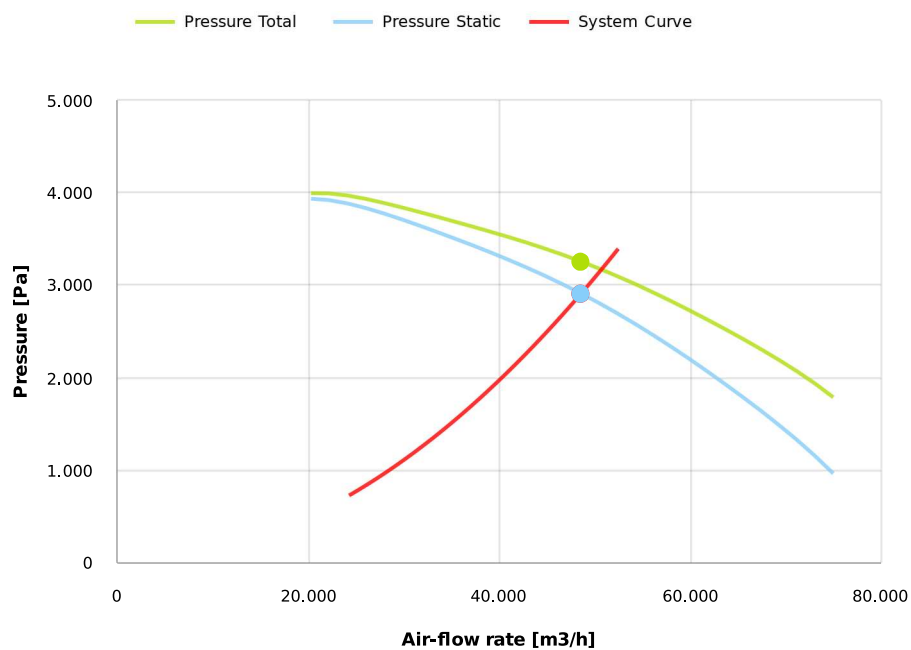


## Table engines

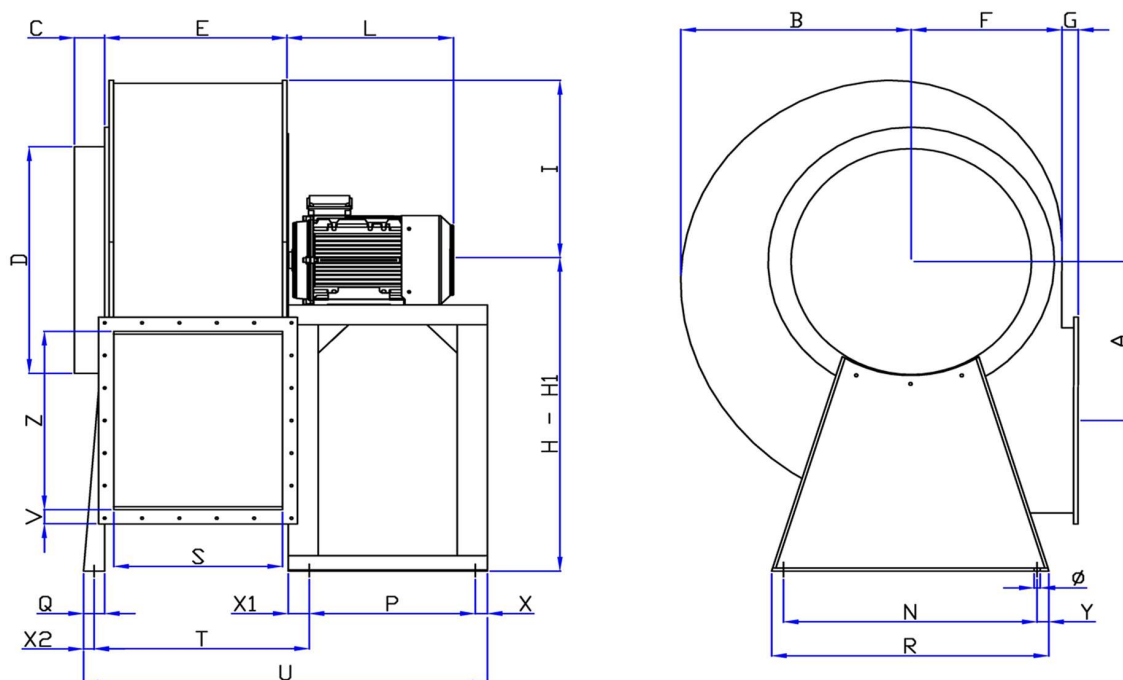
| Class IE   | IE1   | IE2   | IE3   |
|------------|-------|-------|-------|
| Size       | 280S  | 280S  | 280S  |
| Power[kW]  | 75    | 75    | 75    |
| Current[A] | 132.7 | 126.6 | 125.2 |
| Voltage[V] | 400   | 400   | 400   |
| Cos φ      | 0.88  | 0.91  | 0.91  |
| n          | 0.927 | 0.94  | 0.95  |

## Working point

|                          |       |
|--------------------------|-------|
| Q [m <sup>3</sup> /h]    | 48575 |
| P <sub>sta</sub> [Pa]    | 2909. |
| P <sub>tot</sub> [Pa]    | 3255. |
| P <sub>in</sub> [kW] [W] | 52157 |
| n <sub>sta</sub>         | 0.755 |
| n <sub>tot</sub>         | 0.841 |
| Rpm                      | 1450  |

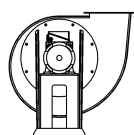
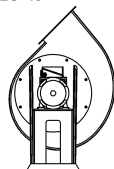
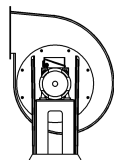
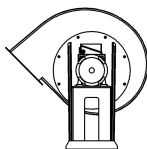
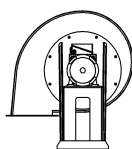
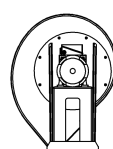
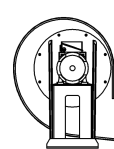
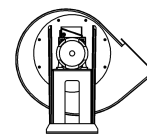
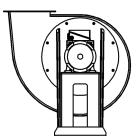
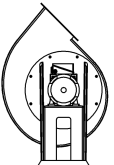
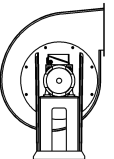
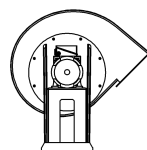
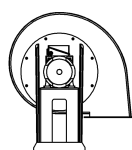
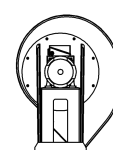
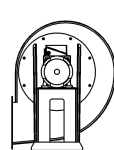


## Dimensions



| A   | B    | C   | D    | E    | F   | G  | H    | H1  | I   | L   | N    | Ø  | P   |
|-----|------|-----|------|------|-----|----|------|-----|-----|-----|------|----|-----|
| 710 | 985  | 120 | 1000 | 770  | 660 | 75 | 1180 | 980 | 840 | 780 | 1056 | 20 | 607 |
| Q   | R    | S   | T    | U    | V   | X  | X1   | X2  | Y   | Z   |      |    |     |
| 60  | 1134 | 710 | 840  | 1525 | 70  | 40 | 60   | 30  | 40  | 800 |      |    |     |

## Configurations & cad

**LG 0°**

**LG 45°**

**LG 90°**

**LG 135°**

**LG 180°**

**LG 225°**

**LG 270°**

**LG 315°**

**RD 0°**

**RD 45°**

**RD 90°**

**RD 135°**

**RD 180°**

**RD 225°**

**RD 270°**

**RD 315°**
