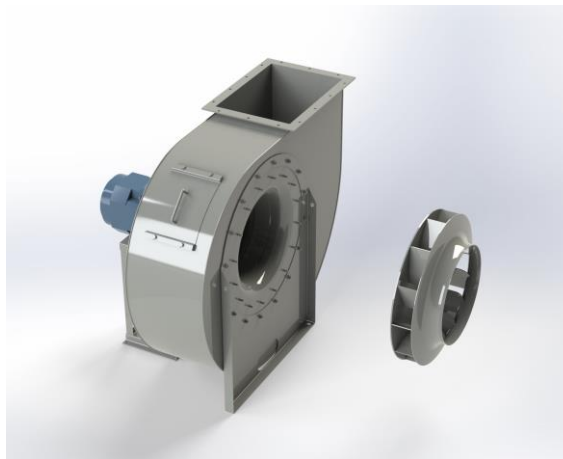


## EUK 311



### Centrifugal fan model EUK, Es.4

Single inlet fan, direct driven with an IEC-standard motor in form B3 which is mounted on a motorbase. The overhang impeller is mounted on the motor shaft and has backwardly curved blades. The blades are welded between the back plate disc and the aerodynamically formed front plate. The robust industrial fan is totally made of steel and painted in the agate grey color RAL 7037. The fan is suitable for the transportation of clean and slightly dusty air.

#### General data:

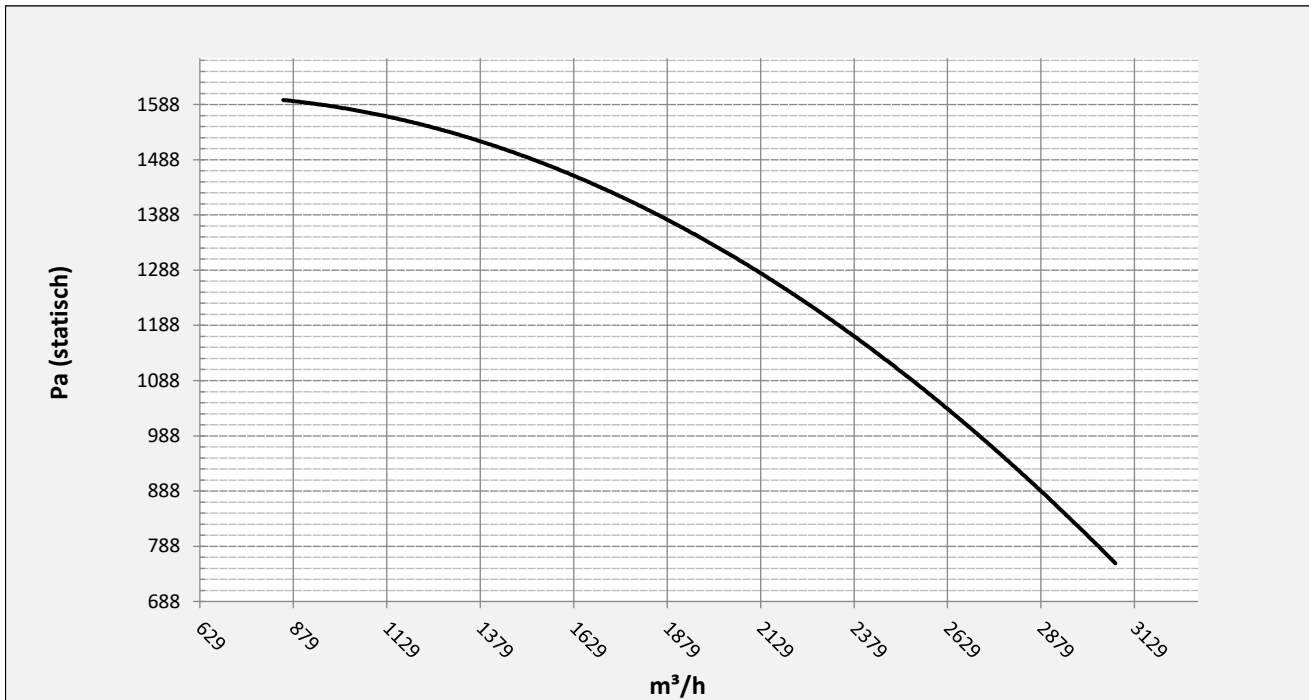
|                               |                         |
|-------------------------------|-------------------------|
| Drive                         | direct                  |
| Motor position                | horizontal              |
| Material casing/base          | Steel                   |
| Material impeller/hub         | Steel                   |
| Motorcoating/protection       | RAL 7037                |
| Operating temperature (max.)  | 15 (80) °C              |
| Medium density (altitude 0 m) | 1,226 kg/m <sup>3</sup> |
| Impeller speed                | 2900 rpm                |
| Weight                        | 51 kg                   |
| Sound pressure level $\pm 3$  | 68,5 dB(A)              |

*(at 1,5 m near the fan with inlet and outlet ducted, in free field)*

#### Electric motor:

|                   |            |      |
|-------------------|------------|------|
|                   | 80B        | IEC  |
| Power             | 1,1        | kW   |
| Motor speed       | 2.900      | rpm  |
| Electric supply   | 3x400V50Hz | V/Hz |
| Full load current | 2,33       | A    |
| Enclosure         | 55         | IP   |
| Shape             | B3T        |      |
| Efficiency class  | IE3        |      |

Curve EUK 311 @ 2900rpm @ 15°C @ 0m



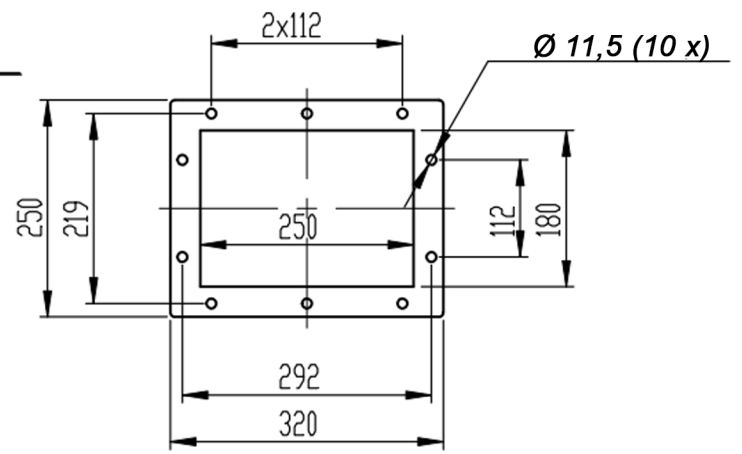
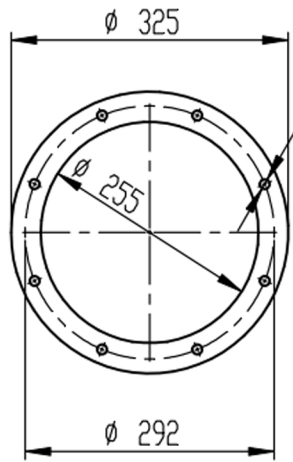
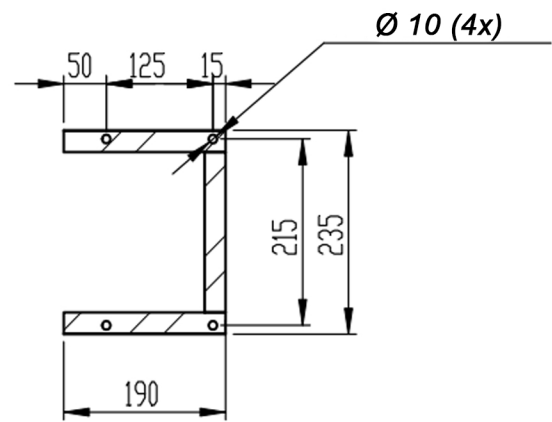
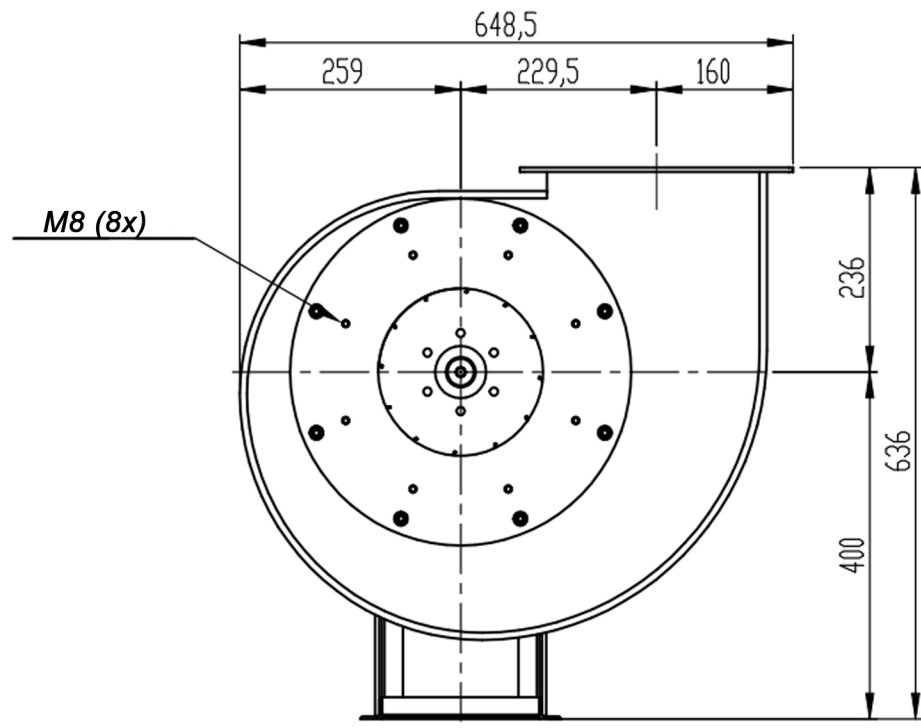
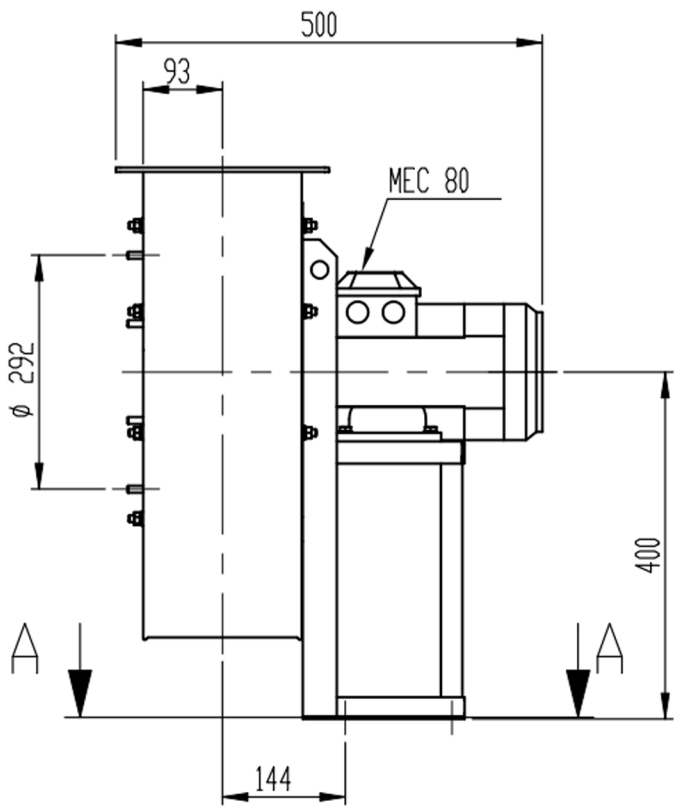
Possible discharge positions:




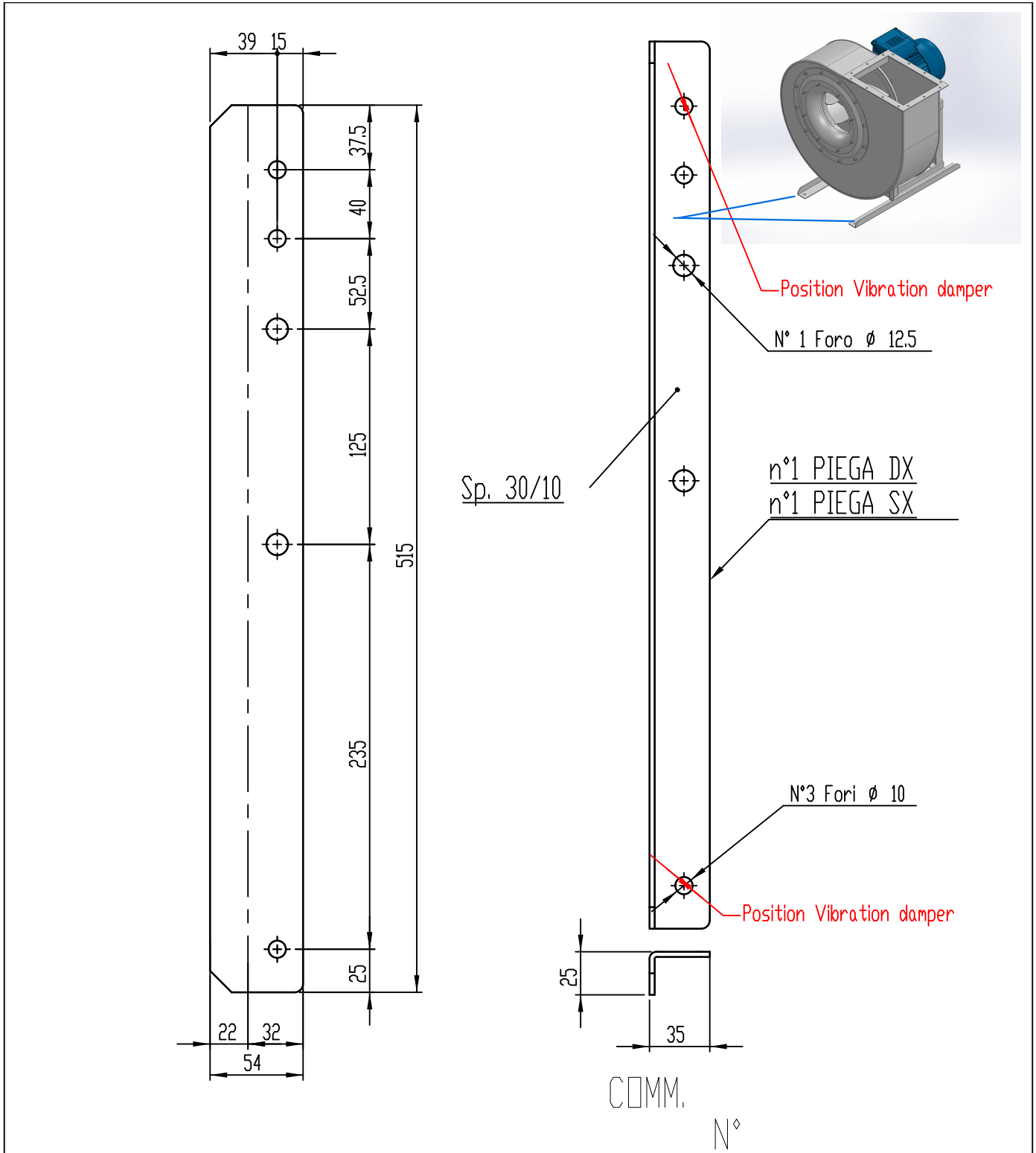
\* (Pos 180 and 225 extra price)

Possible accessories

|   |                           |
|---|---------------------------|
| Mounting profiles for load distribution     | --                        |
| Counterflange inlet/outlet                  | zz Ø250 / pz 250x180      |
| Flexible connection inlet/outlet max. 80°C  | zz Ø250 / pz Ø315         |
| Anti-vibration mountings                    | 4x 30x20/B/40° ShA        |
| Inspection door                             |                           |
| Drain connection                            |                           |
| Shaft seal without asbestos                 |                           |
| Cooling wheel (medium max. 150°C)           | ( incl. coating RAL9006 ) |
| Flexible connection inlet/outlet max. 150°C | zz Ø250 / pz Ø315         |
| ATEX version                                | Zone 1 / 2 / 21 / 22      |
| ATEX motor                                  | Ex nA / Exe / Ex de       |
| Coating suitable for outdoor application    | RAL 5010 / RAL ....       |
| Stainless steel version                     | 304 / 316 / ...           |
| Acoustic enclosure                          |                           |



|   |                   |                    |           |
|---|-------------------|--------------------|-----------|
| DESCRIPTION-BESCHRIJVING  | SCHAAL            | GEMAAKT - PREPARED | FORMAAT   |
| <b>EUK311 - RD0</b>   | <b>1:9</b>        | <b>Overmeer E.</b> | <b>A4</b> |
|   | DATUM             |                    |           |
|   | <b>19/10/2023</b> |                    |           |
| N.TEKENING - N.DRAWING  |                   | REV.               |           |
|  |                   | <b>V1EUK 311</b>   |           |
|   |                   | 00                 |           |



|                                      |             |                           |                       |                                  |                     |
|--------------------------------------|-------------|---------------------------|-----------------------|----------------------------------|---------------------|
| 01                                   | 04/12/2019  | Adattamento a sedie nuove |                       | Galiotto M.                      | De Santi G.         |
| 00                                   | 11/11/2015  | PRIMA EMISSIONE           |                       | Galiotto M.                      | De Santi G.         |
| REV                                  | DATA - DATE | DESCRIZIONE - DESCRIPTION |                       | DISEGNATO PREPARED               | CONTROLLATO CHECKED |
| DESCRIZIONE - DESCRIPTION            |             | MATERIALE - MATERIAL      | NR.FILE               | PESO - WEIGHT                    |                     |
|                                      |             | Fe 360                    | EUR00067975           | Kg 0.64                          |                     |
| DESCRIZIONE - DESCRIPTION            |             |                           | SCALA                 | DISEGNATO - PREPARED             | FORMATO             |
| Staffe per Puffer L=515<br>IEC 71-80 |             |                           | 1:3                   | Galiotto M.                      | A4                  |
|                                      |             |                           | DATA                  | SOSTITUISCE IL - REPLACES THE N° |                     |
|                                      |             |                           | 04/12/2019            | SOSTITUITO DAL - REPLACES BY N°  |                     |
|                                      |             |                           | N.DISEGNO - N.DRAWING |                                  | REV.                |
|                                      |             |                           | STF047502             |                                  | 01                  |