# Centrifugal Fan

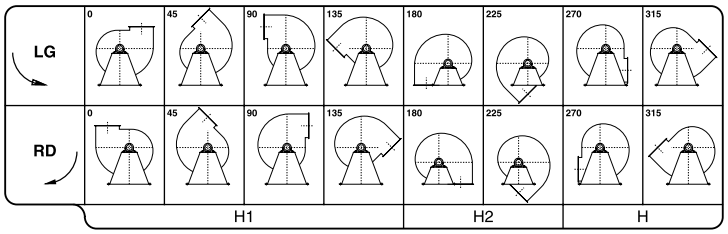
Series
TFE TFF
TFG TRF
TRG TRH

EuroVent

### Symbols and measurement units used in the catalogue.

| | |
|---|---|
| V $m^3$/min | = Delivery in $m^3$/min |
| V $m^3$/h | = Delivery in $m^3$/h |
| pt mm$H_2O$ | = Total pressure in mm $H_2O$ |
| pt Pa | = Total pressure in Pascal |
| pd mm$H_2O$ | = Dynamic pressure in mm $H_2O$ |
| pd Pa | = Dynamic pressure in Pascal |
| c2 | = Speed in m/s on pressing throat |
| n | = Fan rounds |
| Lp | = Noise level indicated in dB/A |
| P | = Power absorbed in kW |
| $\eta$ | = Fan output |

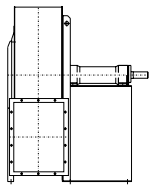
### Table of positions of discharge




### Fans constructive executions in conformity with rules UNI EN ISO 13349 (2009).

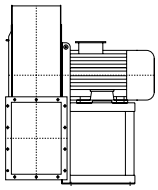
**EXECUTION 1**
For belt drive.Whee keyed overhung.Supports mounted on a base outside the air stream. Max air temperature 90 °C without cooling fan; 350 °C when fitted with cooling fan.

**ESEC. 1**



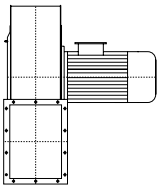
**EXECUTION 4**
For direc drive. Wheel keyed to motor shaft.Motor is supported by the base. Max air temperature 80 °C; when fitted with cooling fan 150 °C.

**ESEC. 4**



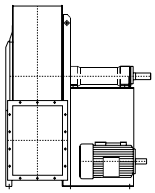
**EXECUTION 5**
For direct drive.Wheel keyed to motor shaft.Motor is supported by the case.Max air temperature 60 °C; when fitted with cooling fan 130 °C.

**ESEC. 5**



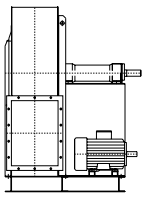
**EXECUTION 9**
For belt drive.Same as arrangement 1 with motor supported by the side wall of base.Max air temperature: 90 °C without cooling fan; 350 °C when fitted with cooling fan.

**ESEC. 9**

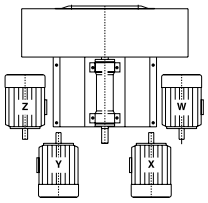


**EXECUTION 12**
For belt drive.Same as arrangement 1 with both fan and motor supported by the foundation frame. Max.air temperature: 90 °C without cooling fan; 350 °Cwhen fitted with cooling fan.

**ESEC. 12**



**Plan for motor positioning belt drive.**



## General concepts abouts centrifugal fans

The centrifugal fan essentially in a scroll in which a wheel rotates. The wheel's movement is caused by an external energy source, that is usually an electric motor. The main characteristics of a centrifugal fan are:

a) delivery
b) pressure
c) efficiency
d) rotation speed

### DELIVERY

It is indicated by the value of the fluid intaken through the fan in the time unit;normally this is stated by the ratio $m^3$/sec., $m^3$/min., or $m^3$/h.

### PRESSURE

It is usually indicated by the ratio kgf/$m^2$ or Pa. The pressure generated through a fan is named TOTAL (pt);it is the sum of two different pressures:STATIC + DYNAMIC.The static pressure (p.s.) is the potential energy that wins the circuit resistance when the fluid is passing through the circuit.The dynamic pressure (pd) is the kinetic energy of the moving fluid and it depends on the medium exit speed of the air from the fan throat; the formula is:

$$pd = \frac{C^2}{2g} \bullet 1.226 \qquad C = \frac{V}{A}$$

where:
V = delivery $m^3$/sec.
A = throat surface $m^2$
c = medium speed of the air m/sec.
g = acceleration of gravity (9,81 m/sec)
1,226 = air specific gravity kg/$m^3$at 15°C and 760 mm Hg.

### ENERGY

It consists in the radio between the energy sypplied by the fan to the fluid and the energy used by the external source to put in operation the fan.
The formula is:

$$\eta = \frac{V \bullet pt}{6120 \bullet P}$$

where:
V = delivery $m^3$/min.
pt = total pressure kgf/$m^2$
P = used energy by the fan indicated in kW
$\eta$ = fan efficiency

### ROTATION SPEED

It is indicated by the number of roundes per minute:at this speed the wheel must rotate in order to get the required performances. N.B.The following tables show the characteristics of an operating device at air 15°C, barometric pressure 760 mm Hg, specific gravity 1,226 kg/$m^3$, test according to UNI ENISO 5801:2009 (UNI 10531:1995) rules.If customer wishes get different perfomances with intermediary value in respect of the value shown in the tables or if he prefers a device operating with air suction at different temperature in respect of 15°C and with different specific gravity in respect of 1,226 we suggest to follow these rules the characteristics of fans change according to the variation in speed rotation and considering the specific gravity of the fluid intaken.

a) Variation of rotation speed (n) with air specific gravity constant.
1. The delivery (V) varies directly with rotations ratio:

$$V_1 = V \bullet \frac{n^1}{n}$$

2. The pressure varies with square number of rotations ratio:

$$pt_1 = pt \bullet \left(\frac{n^1}{n}\right)^2$$

3. The energy (P) varies with cube of rotations ratio:

$$p_1 = P \bullet \left(\frac{n^1}{n}\right)^3$$

b) Variations of specific gravity ($\gamma$) of the air when rotation speed is constant.

1. The delivery (V) remains constant.
2. The pressure (pt) and the energy (P) vary directly with the ratio of specific gravities.

$$pt_1 = pt \bullet \frac{\gamma^1}{\gamma} \qquad P_1 = P \bullet \frac{\gamma^1}{\gamma}$$

The specific gravity of the air at different temperatures is obtained through the formula:

$$\gamma = \frac{1{,}293 \bullet 273}{(273+t)} \ (kg/m^3)$$

The air density depensing on a change of the atmospheric pressure is given by the following formula:

$$\gamma = \frac{Pb \bullet 13.59}{29.27 \bullet (273 + t)} \ (kg/m^3)$$

where:
$\gamma$ = specific gravity at °C
1,293 = specific gravity of the air at 0°C
t = air temperature indicated in °C
273 = absolute zeto
Pb = atmospheric pressure mm Hg

**This table shows directly the air specific gravity at different temperatures:**

| t°C | -20 | -10 | 0 | +10 | +15 | +20 | +30 | +40 | +50 | +60 | +70 | +80 | +90 | +100 | +120 | +140 | +160 | +180 | +200 | +220 | +240 | +260 | +280 | +300 | +325 | +350 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $\gamma$ | 1,396 | 1,342 | 1,293 | 1,248 | 1,226 | 1,205 | 1,165 | 1,128 | 1,093 | 1,060 | 1,029 | 1,000 | 0,973 | 0,947 | 0,90 | 0,85 | 0,82 | 0,78 | 0,75 | 0,72 | 0,69 | 0,66 | 0,64 | 0,62 | 0,59 | 0,56 |

**Atmospheric pressure depending on altitude above sea-level:**

| mt | 0 | 500 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 |
|---|---|---|---|---|---|---|---|---|---|---|
| Pb mm Hg | 760 | 720 | 680 | 640 | 600 | 560 | 530 | 500 | 470 | 440 |

### CHARACTERISTICS

The features listed in the diagrams are refered to air at the temperature of + 15°C and at the barometrical pressure of 760 mm. Hg with specific gravity 1,226 Kg/m³.

### NOISE LEVEL

The noise level values indicated are expressed in decibel scale A (dB/A) they are understood measured in a free range at the distance of **1.5 m** from the fan operating with the highest output capacity, connected to inlet and outlet pipe connections (rules UNI EN ISO 3740-3744-3746-13347).

### ORIENTATIONS

All the fans can be constructed with the delivery mouth in 16 different positions (8 in clockwise rotation RD and 8 in counterclockwise rotation LG) as indicated on the orientation tables. Please note that the direction of rotation is determined by looking at the fan from the transmission side. Some sizes of these fans are revolvable always considering the rotation direction. This information is indicated at the end of the various tables of the overall dimensions. Flange see DIN 24154-24158.

## ACCESSORIES (delivery on request)

- **intaking and pressing counterflange;**
- **inspection door:** to inspect and to clean the wheel and the scroll inside;
- **discharge cap:** it eliminates the condensate if any inside the fan and it is situated on the lowest part of the scroll.
- **vibrating proof joints in intaking and pressing time:** they are used to avoid the spreading of vibrations to the pipes;
- **safety grate for intaking throat:** it is used to avoid accidents when the fan is intaking from the room;
- **regulation lock on delivery:** it is used to regulate the fan delivery;
- **regulator of the flow rate in intaking time:** it is used to regulate the fan flow rate and it maintains high the efficiency level, also in regulating time.

### SPECIAL CONSTRUCTIONS

**Spark proof construction:** when explosive fluids are carried or when the plant is installed in dangerous environments, the parts that come into contact with the intaken fluid are constructed by material without iron content to avoid rubbing, motor on request is supplied in special construction.
**Corosionproofing construction:** when corrosive fluids are carried, the parts that come into contact with the fluid are painted with special paints or they are constructed with special materials as austentic stainless steels (AISI 304-316 etc.).Constructions can be effected according to the customer's particular needs.

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### SOME VALUES OF AIR SPEED THAT MUST BE OBSERVED INSIDE THE IRON PIPES FOR SUCTION PLANTS, RELATING TO FOLLOWING MATERIALS:

| | |
|---|---|
| Cereals dust | 16–19 m/s |
| Varnish dust | 15–18 m/s |
| Wooden shaving and sawdust | 18–24 m/s |
| Dry dust of chemicals | 17–20 m/s |
| Coal dust | 20–25 m/s |
| Dust of plastic material working | 18–23 m/s |
| Foundry fumes | 15–18 m/s |
| Lapping sharpening and bufing wheels | 20–25 m/s |
| Fumes of solvents for degreasing | 12–17 m/s |
| Metallic shaving and dust | 25–38 m/s |
| Rubber dust | 17–20 m/s |
| Any toxic dust | 15–25 m/s |
| Zinc oxide dust | 18–21 m/s |
| Saw dust of marble | 20–25 m/s |
| Hides buffing | 18–23 m/s |

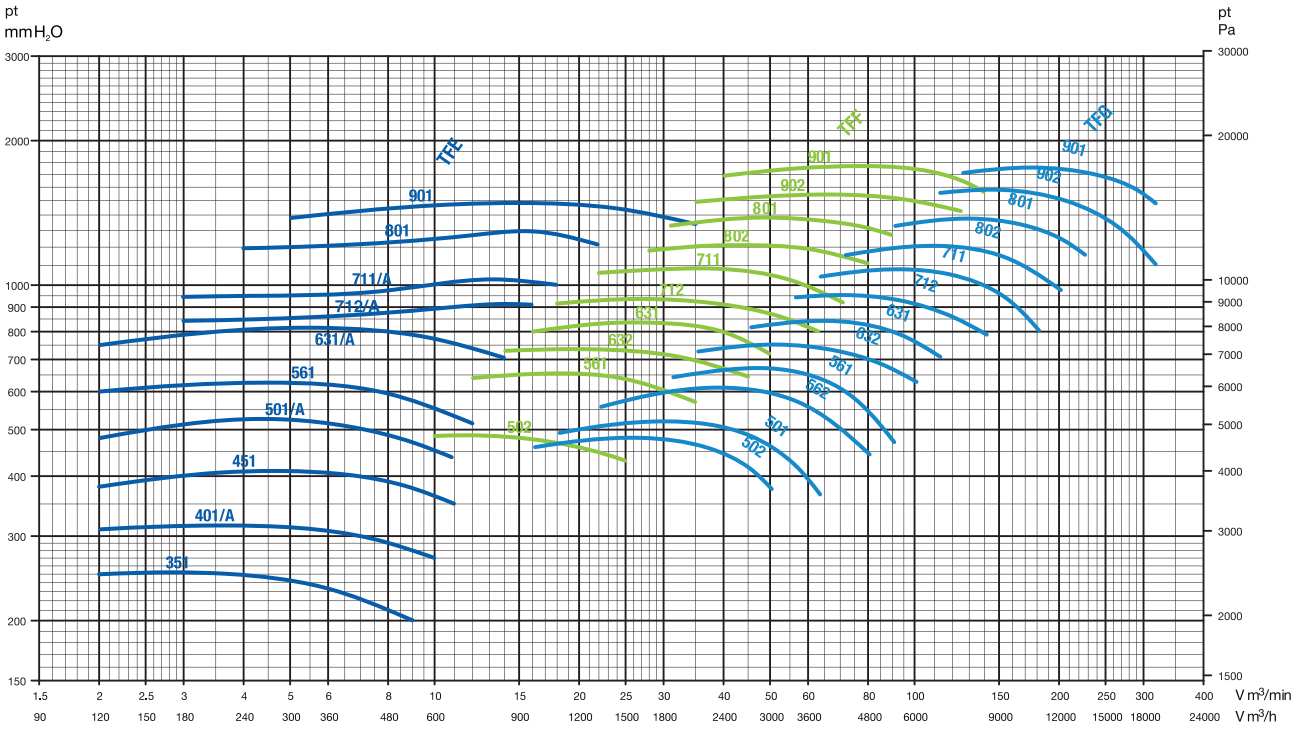
### SOME DATA ABOUT THE NUMBER OF THE AIR CHANGINGS FORESEEN IN CIVIL, INDUSTRIAL AND AGRICULTURAL ENVIRONMENTS:

| Enviroments | No. changings/hour |
|---|---|
| Hen - hutch | 8 |
| Bovine - swine breeding | 10 |
| Hotel halls -rooms - corridors | 4 |
| Garages | 8 |
| Banks | 6 |
| Bathrooms - showerbaths | 6 |
| Galvanic baths | 25 |
| Carpenter shops - welding shops | 12 |
| Heating plants | 60 |
| Churches | 15 |
| Coffee - houses - bars - restaurants | 10 |
| Cinemas - theatres | 15 |
| Dye works | 15 |
| Tanneries | 18 |
| Hide drying processes | 35 |
| Facrories for rubber production | 12 |
| Factories for alimentary pastes | 6 |
| Factories for chemicals production | 15 |
| Joineries | 6 |
| Spinning - and weaving mills | 5 |
| Foundries | 25 |
| Forge shops | 25 |
| Steam laundries | 30 |
| Rooms for electric furnaces | 30 |
| Rooms for furnace | 20 |
| Warehouses for perishable goods | 15 |
| Warehouses for unperishable goods | 5 |
| Tobacco manufactures | 12 |
| Grinding mills | 20 |
| Shops | 5 |
| Hospitals | 6 |
| Gymnasiums | 20 |
| Baker shops | 15 |
| Swimming-pools | 25 |
| Dance-halls | 20 |
| Card-rooms | 10 |
| Waiting-rooms | 10 |
| Schools | 6 |
| Metallurgical works | 5 |
| Supermarkets | 5 |
| Dyeing plants | 30 |
| Printing shops | 20 |
| Toilettes | 30 |
| Technical departments | 15 |

# series TFE-TFF-TFG SPECIFICATIONS

**USE:**
Also for the suction of very dusty air.The fans of this series are particularly suitable for pneumatic conveyances, in cement factories, in the air feeding of the cupolas, in foundries and in oil burners, in mills, in “pasta”factories, in chemical, metallurgical and iron industries where small capacities with medium and high pressures are required.The temperature of the fluid sucked in must not exceed 80°C.

## CHARACTERISTIC CURVE IN DISCHARGE STAGE SERIES TFE-TFF-TFG




## SERIES TFE SPECIFICATIONS IN DISCHARGE STAGE

| Type | | *kW ass. | kW inst. | n. min.$^{-1}$ | Lp dB/A | in sec. | V = m$^3$/min | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 2 | 3 | 4 | 5 | 5,6 | 6,3 | 7,1 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 |
| Fan | Motor | | | | | | Pt = mm $H_2O$ | | | | | | | | | | | | | | | | | | | | |
| TFE 351/B | 71 A2 | 0,35 | 0,37 | 2770 | 69 | 6 | 250 | 252 | 245 | 240 | | | | | | | | | | | | | | | | | |
| TFE 351/A | 71 B2 | 0,52 | 0,55 | 2770 | 70 | 5 | 250 | 252 | 245 | 240 | 235 | 228 | 220 | 212 | 200 | | | | | | | | | | | | |
| TFE 401/A | 80 A2 | 0,70 | 0,75 | 2830 | 72 | 6 | 310 | 315 | 315 | 312 | 310 | 307 | 302 | 296 | 288 | 270 | | | | | | | | | | | |
| TFE 451/B | 80 A2 | 0,70 | 0,75 | 2830 | 73 | 10 | 380 | 400 | 410 | 410 | 408 | | | | | | | | | | | | | | | | |
| TFE 451/A | 80 B2 | 1,0 | 1,1 | 2830 | 74 | 9 | 380 | 400 | 410 | 410 | 408 | 402 | 398 | 388 | 378 | 362 | 350 | | | | | | | | | | |
| TFE 501/A | 90 S2 | 1,4 | 1,5 | 2840 | 76 | 9 | 480 | 500 | 520 | 525 | 520 | 505 | 498 | 482 | 470 | 455 | 440 | | | | | | | | | | |
| TFE 561/B | 90 S2 | 1,4 | 1,5 | 2840 | 77 | 10 | 600 | 620 | 625 | 625 | 620 | 615 | 605 | | | | | | | | | | | | | | |
| TFE 561/A | 90 L2 | 2,0 | 2,2 | 2850 | 78 | 9 | 600 | 620 | 625 | 625 | 620 | 615 | 605 | 595 | 585 | 575 | 550 | 500 | | | | | | | | | |
| TFE 631/A | 100 LA2 | 2,7 | 3 | 2880 | 79 | 10 | 750 | 785 | 805 | 815 | 815 | 815 | 805 | 800 | 780 | 770 | 750 | 730 | 700 | | | | | | | | |
| TFE 712/A | 112 M2 | 3,8 | 4 | 2900 | 82 | 13 | | 845 | 850 | 850 | 855 | 860 | 865 | 875 | 880 | 890 | 905 | 910 | 915 | 910 | | | | | | | |
| TFE 711/A | 132 SA2 | 5,3 | 5,5 | 2900 | 83 | 12 | | 945 | 950 | 950 | 955 | 960 | 965 | 975 | 990 | 1000 | 1015 | 1020 | 1030 | 1020 | 1000 | | | | | | |
| TFE 801/C | 132 SA2 | 5,3 | 5,5 | 2900 | 84 | 16 | | | 1200 | 1200 | 1205 | 1210 | 1215 | 1220 | 1230 | 1240 | 1250 | | | | | | | | | | |
| TFE 801/A | 132 SB2 | 7 | 7,5 | 2900 | 85 | 11 | | | 1200 | 1200 | 1205 | 1210 | 1215 | 1220 | 1230 | 1240 | 1250 | 1270 | 1290 | 1300 | | | | | | | |
| TFE 801/B | 132 MB2 | 8,5 | 9 | 2900 | 86 | 10 | | | 1200 | 1200 | 1205 | 1210 | 1215 | 1220 | 1230 | 1240 | 1250 | 1270 | 1290 | 1300 | 1290 | 1250 | 1210 | | | | |
| TFE 901/B | 160 MR2 | 10 | 11 | 2900 | 87 | 15 | | | | | 1380 | 1390 | 1400 | 1410 | 1420 | 1450 | 1460 | 1465 | 1470 | 1475 | 1475 | 1475 | 1470 | 1435 | | | |
| TFE 901/C | 160 M2 | 14 | 15 | 2900 | 88 | 12 | | | | | 1380 | 1390 | 1400 | 1410 | 1420 | 1450 | 1460 | 1465 | 1470 | 1475 | 1475 | 1475 | 1470 | 1435 | 1400 | 1380 | 1350 |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = kgf/m$^2$ x 9,807

## SERIES TFE SPECIFICATIONS IN SUCTION STAGE

| Type | | *kW ass. | kW inst. | n. min.$^{-1}$ | Lp dB/A | in sec. | V = m³/min | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 2 | 3 | 4 | 5 | 5,6 | 6,3 | 7,1 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 |
| Fan | Motor | | | | | | Pt = mm $H_2O$ | | | | | | | | | | | | | | | | | | | | |
| TFE 351/B | 71 A2 | 0,35 | 0,37 | 2770 | 71 | 6 | 247 | 248 | 242 | 237 | | | | | | | | | | | | | | | | | |
| TFE 351/A | 71 B2 | 0,52 | 0,55 | 2770 | 72 | 5 | 247 | 248 | 242 | 237 | 232 | 225 | 215 | 207 | 194 | | | | | | | | | | | | |
| TFE 401/A | 80 A2 | 0,70 | 0,75 | 2830 | 74 | 6 | 304 | 308 | 307 | 305 | 302 | 300 | 292 | 288 | 278 | 250 | | | | | | | | | | | |
| TFE 451/B | 80 A2 | 0,70 | 0,75 | 2830 | 75 | 10 | 368 | 385 | 395 | 395 | 393 | | | | | | | | | | | | | | | | |
| TFE 451/A | 80 B2 | 1,0 | 1,1 | 2830 | 76 | 9 | 368 | 385 | 395 | 395 | 393 | 388 | 380 | 375 | 362 | 352 | 340 | | | | | | | | | | |
| TFE 501/A | 90 S2 | 1,4 | 1,5 | 2840 | 78 | 9 | 462 | 480 | 492 | 492 | 490 | 485 | 478 | 468 | 455 | 440 | 425 | | | | | | | | | | |
| TFE 561/B | 90 S2 | 1,4 | 1,5 | 2840 | 79 | 10 | 575 | 595 | 605 | 605 | 600 | 585 | 580 | | | | | | | | | | | | | | |
| TFE 561/A | 90 L2 | 2,0 | 2,2 | 2850 | 80 | 9 | 575 | 595 | 605 | 605 | 600 | 585 | 580 | 575 | 565 | 545 | 530 | 505 | | | | | | | | | |
| TFE 631/A | 100 LA2 | 2,7 | 3 | 2880 | 82 | 10 | 700 | 745 | 760 | 770 | 770 | 765 | 760 | 755 | 740 | 725 | 705 | 680 | 650 | | | | | | | | |
| TFE 712/A | 112 M2 | 3,8 | 4 | 2900 | 85 | 13 | | 770 | 772 | 775 | 782 | 787 | 792 | 798 | 810 | 812 | 820 | 826 | 830 | 828 | | | | | | | |
| TFE 711/A | 132 SA2 | 5,3 | 5,5 | 2900 | 86 | 12 | | 850 | 855 | 855 | 860 | 865 | 870 | 880 | 890 | 895 | 910 | 915 | 925 | 915 | | | | | | | |
| TFE 801/C | 132 SA2 | 5,3 | 5,5 | 2900 | 87 | 16 | | | 1045 | 1050 | 1050 | 1052 | 1057 | 1064 | 1072 | 1080 | 1088 | | | | | | | | | | |
| TFE 801/A | 132 SB2 | 7 | 7,5 | 2900 | 88 | 11 | | | 1045 | 1050 | 1050 | 1052 | 1057 | 1064 | 1072 | 1080 | 1088 | 1104 | 1119 | 1123 | | | | | | | |
| TFE 801/B | 132 MB2 | 8,5 | 9 | 2900 | 89 | 10 | | | 1045 | 1050 | 1050 | 1052 | 1057 | 1064 | 1072 | 1080 | 1088 | 1104 | 1119 | 1123 | 1114 | 1093 | 1060 | | | | |
| TFE 901/B | 160 MR2 | 10 | 11 | 2900 | 90 | 15 | | | | 1300 | 1305 | 1310 | 1320 | 1325 | 1330 | 1340 | 1345 | 1340 | 1335 | 1325 | 1315 | 1295 | 1285 | | | | |
| TFE 901/C | 160 M2 | 14 | 15 | 2900 | 91 | 12 | | | | | 1300 | 1305 | 1310 | 1320 | 1325 | 1330 | 1340 | 1345 | 1340 | 1335 | 1325 | 1315 | 1295 | 1285 | 1270 | 1255 | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = kgf/m² x 9,807



EuroVent

## SERIES TFF SPECIFICATIONS IN DISCHARGE STAGE

| Type | | *kW ass. | kW inst. | n. min.$^{-1}$ | Lp dB/A | V = m$^3$/min | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 11 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 |
| Fan | Motor | | | | | Pt = mm $H_2O$ | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 502/A | 90 L2 | 2 | 2,2 | 2850 | 75 | 485 | 485 | 485 | 480 | 475 | 470 | | | | | | | | | | | | | | | | | | | |
| TFF 502/B | 100 LA2 | 2,8 | 3 | 2880 | 76 | 485 | 485 | 485 | 480 | 475 | 470 | 460 | 455 | 430 | | | | | | | | | | | | | | | | |
| TFF 561/A | 112 M2 | 3,7 | 4 | 2900 | 79 | | | 640 | 645 | 655 | 655 | 655 | 650 | 640 | | | | | | | | | | | | | | | | |
| TFF 561/B | 132 SA2 | 5,2 | 5,5 | 2900 | 81 | | | 640 | 645 | 655 | 655 | 655 | 650 | 640 | 620 | 600 | 570 | | | | | | | | | | | | | |
| TFF 632/A | 132 SA2 | 5,2 | 5,5 | 2900 | 82 | | | | 730 | 735 | 735 | 735 | 730 | 725 | 720 | | | | | | | | | | | | | | | |
| TFF 632/B | 132 SB2 | 7 | 7,5 | 2900 | 82 | | | | 730 | 735 | 735 | 735 | 730 | 725 | 720 | 710 | 690 | 670 | 650 | | | | | | | | | | | |
| TFF 631/A | 132 SB2 | 7 | 7,5 | 2900 | 84 | | | | | 800 | 810 | 820 | 830 | 835 | 835 | 835 | 830 | | | | | | | | | | | | | |
| TFF 631/B | 132 MB2 | 8,5 | 9 | 2900 | 84 | | | | | 800 | 810 | 820 | 830 | 835 | 835 | 835 | 830 | 800 | 760 | 720 | | | | | | | | | | |
| TFF 712/A | 132 SB2 | 7 | 7,5 | 2900 | 85 | | | | | | 915 | 925 | 935 | 935 | 935 | | | | | | | | | | | | | | | |
| TFF 712/B | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | 915 | 925 | 935 | 935 | 935 | 935 | 925 | | | | | | | | | | | | | |
| TFF 712/C | 160 MR2 | 10 | 11 | 2900 | 85 | | | | | | 915 | 925 | 935 | 935 | 935 | 935 | 925 | 925 | 905 | | | | | | | | | | | |
| TFF 712/D | 160 M2 | 14 | 15 | 2900 | 86 | | | | | | 915 | 925 | 935 | 935 | 935 | 935 | 925 | 925 | 905 | 885 | 855 | 800 | | | | | | | | |
| TFF 711/A | 160 MR2 | 10 | 11 | 2900 | 86 | | | | | | | | 1060 | 1065 | 1070 | 1080 | 1080 | 1080 | | | | | | | | | | | | |
| TFF 711/B | 160 M2 | 14 | 15 | 2900 | 86 | | | | | | | | 1060 | 1065 | 1070 | 1080 | 1080 | 1080 | 1080 | 1050 | 1030 | | | | | | | | | |
| TFF 711/C | 160 L2 | 18 | 18,5 | 2950 | 86 | | | | | | | | 1060 | 1065 | 1070 | 1080 | 1080 | 1080 | 1080 | 1050 | 1030 | 990 | 925 | | | | | | | |
| TFF 802/A | 160 M2 | 14 | 15 | 2950 | 86 | | | | | | | | | | 1180 | 1190 | 1210 | 1225 | 1215 | | | | | | | | | | | |
| TFF 802/B | 160 L2 | 18 | 18,5 | 2950 | 86 | | | | | | | | | | 1180 | 1190 | 1210 | 1225 | 1215 | 1200 | 1190 | 1160 | | | | | | | | |
| TFF 802/C | 180 M2 | 21 | 22 | 2950 | 87 | | | | | | | | | | 1180 | 1190 | 1210 | 1225 | 1215 | 1200 | 1190 | 1160 | 1140 | 1120 | | | | | | |
| TFF 801/A | 160 M2 | 14 | 15 | 2950 | 87 | | | | | | | | | | | 1330 | 1340 | 1360 | | | | | | | | | | | | |
| TFF 801/B | 160 L2 | 18 | 18,5 | 2950 | 87 | | | | | | | | | | | 1330 | 1340 | 1360 | 1380 | 1390 | | | | | | | | | | |
| TFF 801/C | 180 M2 | 21 | 22 | 2950 | 88 | | | | | | | | | | | 1330 | 1340 | 1360 | 1380 | 1390 | 1390 | 1380 | | | | | | | | |
| TFF 801/D | 200 LR2 | 28 | 30 | 2950 | 88 | | | | | | | | | | | 1330 | 1340 | 1360 | 1380 | 1390 | 1390 | 1380 | 1360 | 1330 | 1270 | | | | | |
| TFF 902/A | 180 M2 | 21 | 22 | 2950 | 89 | | | | | | | | | | | | 1490 | 1500 | 1520 | 1540 | | | | | | | | | | |
| TFF 902/B | 200 LR2 | 28 | 30 | 2950 | 90 | | | | | | | | | | | | 1490 | 1500 | 1520 | 1540 | 1550 | 1550 | 1540 | | | | | | | |
| TFF 902/C | 200 L2 | 35 | 37 | 2950 | 90 | | | | | | | | | | | | 1490 | 1500 | 1520 | 1540 | 1550 | 1550 | 1540 | 1540 | 1530 | 1490 | | | | |
| TFF 902/D | 225 M2 | 42 | 45 | 2950 | 91 | | | | | | | | | | | | 1490 | 1500 | 1520 | 1540 | 1550 | 1550 | 1540 | 1540 | 1530 | 1490 | 1450 | 1410 | | |
| TFF 901/A | 200 LR2 | 28 | 30 | 2950 | 91 | | | | | | | | | | | | | 1690 | 1730 | 1745 | 1750 | | | | | | | | | |
| TFF 901/B | 200 L2 | 35 | 37 | 2950 | 91 | | | | | | | | | | | | | 1690 | 1730 | 1745 | 1750 | 1760 | 1760 | 1750 | | | | | | |
| TFF 901/C | 225 M2 | 42 | 45 | 2950 | 91 | | | | | | | | | | | | | 1690 | 1730 | 1745 | 1750 | 1760 | 1760 | 1750 | 1750 | 1750 | | | | |
| TFF 901/D | 250 M2 | 53 | 55 | 2950 | 92 | | | | | | | | | | | | | 1690 | 1730 | 1745 | 1750 | 1760 | 1760 | 1750 | 1750 | 1750 | 1710 | 1650 | 1570 | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = kgf/m$^2$ x 9,807

## SERIES TFF SPECIFICATIONS IN SUCTION STAGE

| Type | | *kW ass. | kW inst. | n. min.$^{-1}$ | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 11 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 |
| Fan | Motor | | | | | Pt = mm $H_2O$ | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 502/A | 90 L2 | 2 | 2,2 | 2850 | 77 | 470 | 470 | 470 | 465 | 460 | 455 | | | | | | | | | | | | | | | | | | |
| TFF 502/B | 100 LA2 | 2,8 | 3 | 2880 | 78 | 470 | 470 | 470 | 465 | 460 | 455 | 445 | 435 | 410 | | | | | | | | | | | | | | | |
| TFF 561/A | 112 M2 | 3,7 | 4 | 2900 | 81 | | | 605 | 615 | 625 | 625 | 625 | 620 | 605 | | | | | | | | | | | | | | | |
| TFF 561/B | 132 SA2 | 5,2 | 5,5 | 2900 | 83 | | | 605 | 615 | 625 | 625 | 625 | 620 | 605 | 585 | 565 | 540 | | | | | | | | | | | | |
| TFF 632/A | 132 SA2 | 5,2 | 5,5 | 2900 | 84 | | | | 680 | 685 | 690 | 690 | 680 | 675 | 670 | | | | | | | | | | | | | | |
| TFF 632/B | 132 SB2 | 7 | 7,5 | 2900 | 85 | | | | 680 | 685 | 690 | 690 | 680 | 675 | 670 | 660 | 640 | 620 | 600 | | | | | | | | | | |
| TFF 631/A | 132 SB2 | 7 | 7,5 | 2900 | 86 | | | | | 750 | 760 | 770 | 775 | 780 | 780 | 780 | 770 | | | | | | | | | | | | |
| TFF 631/B | 132 MB2 | 8,5 | 9 | 2900 | 86 | | | | | 750 | 760 | 770 | 775 | 780 | 780 | 780 | 770 | 750 | 710 | 675 | | | | | | | | | |
| TFF 712/A | 132 SB2 | 7, | 7,5 | 2900 | 86 | | | | | | 840 | 850 | 860 | 860 | 860 | | | | | | | | | | | | | | |
| TFF 712/B | 132 MB2 | 8,5 | 9 | 2900 | 87 | | | | | | 840 | 850 | 860 | 860 | 860 | 860 | 850 | | | | | | | | | | | | |
| TFF 712/C | 160 MR2 | 10 | 11 | 2900 | 87 | | | | | | 840 | 850 | 860 | 860 | 860 | 860 | 850 | 850 | 830 | | | | | | | | | | |
| TFF 712/D | 160 M2 | 14 | 15 | 2900 | 87 | | | | | | 840 | 850 | 860 | 860 | 860 | 860 | 850 | 850 | 830 | 810 | 780 | 730 | | | | | | | |
| TFF 711/A | 160 MR2 | 10 | 11 | 2900 | 88 | | | | | | | | 965 | 970 | 975 | 980 | 980 | 980 | | | | | | | | | | | |
| TFF 711/B | 160 M2 | 14 | 15 | 2900 | 88 | | | | | | | | 965 | 970 | 975 | 980 | 980 | 980 | 980 | 955 | 930 | | | | | | | | |
| TFF 711/C | 160 L2 | 18 | 18,5 | 2950 | 88 | | | | | | | | 965 | 970 | 975 | 980 | 980 | 980 | 980 | 955 | 930 | 900 | 850 | | | | | | |
| TFF 802/A | 160 M2 | 14 | 15 | 2950 | 88 | | | | | | | | | | 1060 | 1070 | 1090 | 1105 | 1090 | | | | | | | | | | |
| TFF 802/B | 160 L2 | 18 | 18,5 | 2950 | 88 | | | | | | | | | | 1060 | 1070 | 1090 | 1105 | 1090 | 1080 | 1070 | 1040 | | | | | | | |
| TFF 802/C | 180 M2 | 21 | 22 | 2950 | 89 | | | | | | | | | | 1060 | 1070 | 1090 | 1105 | 1090 | 1080 | 1070 | 1040 | 1020 | 1000 | | | | | |
| TFF 801/A | 160 M2 | 14 | 15 | 2950 | 88 | | | | | | | | | | | 1210 | 1230 | 1240 | | | | | | | | | | | |
| TFF 801/B | 160 L2 | 18 | 18,5 | 2950 | 88 | | | | | | | | | | | 1210 | 1230 | 1240 | 1250 | 1245 | | | | | | | | | |
| TFF 801/C | 180 M2 | 21 | 22 | 2950 | 89 | | | | | | | | | | | 1210 | 1230 | 1240 | 1250 | 1245 | 1240 | 1230 | | | | | | | |
| TFF 801/D | 200 LR2 | 28 | 30 | 2950 | 90 | | | | | | | | | | | 1210 | 1230 | 1240 | 1250 | 1245 | 1240 | 1230 | 1210 | 1180 | 1120 | | | | |
| TFF 902/A | 180 M2 | 21 | 22 | 2950 | 91 | | | | | | | | | | | | 1300 | 1310 | 1330 | 1350 | | | | | | | | | |
| TFF 902/B | 200 LR2 | 28 | 30 | 2950 | 92 | | | | | | | | | | | | 1300 | 1310 | 1330 | 1350 | 1360 | 1360 | 1350 | | | | | | |
| TFF 902/C | 200 L2 | 35 | 37 | 2950 | 92 | | | | | | | | | | | | 1300 | 1310 | 1330 | 1350 | 1360 | 1360 | 1350 | 1350 | 1340 | 1300 | | | |
| TFF 902/D | 225 M2 | 42 | 45 | 2950 | 93 | | | | | | | | | | | | 1300 | 1310 | 1330 | 1350 | 1360 | 1360 | 1350 | 1350 | 1340 | 1300 | 1260 | 1220 | |
| TFF 901/A | 200 LR2 | 28 | 30 | 2950 | 93 | | | | | | | | | | | | | 1500 | 1510 | 1525 | 1540 | | | | | | | | |
| TFF 901/B | 200 L2 | 35 | 37 | 2950 | 93 | | | | | | | | | | | | | 1500 | 1510 | 1525 | 1540 | 1540 | 1540 | 1530 | | | | | |
| TFF 901/C | 225 M2 | 42 | 45 | 2950 | 93 | | | | | | | | | | | | | 1500 | 1510 | 1525 | 1540 | 1540 | 1540 | 1530 | 1525 | 1520 | | | |
| TFF 901/D | 250 M2 | 53 | 55 | 2950 | 94 | | | | | | | | | | | | | 1500 | 1510 | 1525 | 1540 | 1540 | 1540 | 1530 | 1525 | 1520 | 1510 | 1410 | 1330 |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = kgf/m² x 9,807



EuroVent

# SERIES TFG SPECIFICATIONS IN DISCHARGE STAGE

| Type | | *kW ass. | kW inst. | n. min.-1 | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 355 |
| Fan | Motor | | | | | Pt = mm $H_2O$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFG 502/A | 100 LA2 | 2,8 | 3 | 2900 | 77 | 490 | 500 | 505 | 510 | 515 | | | | | | | | | | | | | | | | | | | | | | | | |
| TFG 502/B | 112 M2 | 3,7 | 4 | 2900 | 78 | 490 | 500 | 505 | 510 | 515 | 515 | 505 | 490 | | | | | | | | | | | | | | | | | | | | | |
| TFG 502/C | 132 SA2 | 5,2 | 5,5 | 2900 | 80 | 490 | 500 | 505 | 510 | 515 | 515 | 505 | 490 | 460 | 440 | 400 | | | | | | | | | | | | | | | | | | |
| TFG 501/A | 112 M2 | 3,7 | 4 | 2900 | 79 | | 525 | 535 | 545 | 555 | 560 | | | | | | | | | | | | | | | | | | | | | | | |
| TFG 501/B | 132 SA2 | 5,2 | 5,5 | 2900 | 80 | | 525 | 535 | 545 | 555 | 560 | 560 | 555 | 540 | 520 | | | | | | | | | | | | | | | | | | | |
| TFG 501/C | 132 SB2 | 7 | 7,5 | 2900 | 81 | | 525 | 535 | 545 | 555 | 560 | 560 | 555 | 540 | 520 | 490 | 445 | 390 | | | | | | | | | | | | | | | | |
| TFG 562/A | 132 SA2 | 5,2 | 5,5 | 2900 | 82 | | | | 595 | 620 | 635 | 645 | 650 | | | | | | | | | | | | | | | | | | | | | |
| TFG 562/B | 132 SB2 | 7 | 7,5 | 2900 | 82 | | | | 595 | 620 | 635 | 645 | 650 | 655 | 650 | 630 | | | | | | | | | | | | | | | | | | |
| TFG 562/C | 132 MB2 | 8,5 | 9 | 2900 | 82 | | | | 595 | 620 | 635 | 645 | 650 | 655 | 650 | 630 | 610 | 585 | | | | | | | | | | | | | | | | |
| TFG 562/D | 160 MR2 | 10 | 11 | 2900 | 83 | | | | 595 | 620 | 635 | 645 | 650 | 655 | 650 | 630 | 610 | 585 | 540 | 465 | | | | | | | | | | | | | | |
| TFG 561/A | 132 SB2 | 7 | 7,5 | 2900 | 83 | | | | | | | 690 | 705 | 720 | | | | | | | | | | | | | | | | | | | | |
| TFG 561/B | 132 MB2 | 8,5 | 9 | 2900 | 83 | | | | | | | 690 | 705 | 720 | 725 | 720 | 710 | | | | | | | | | | | | | | | | | |
| TFG 561/C | 160 MR2 | 10 | 11 | 2900 | 84 | | | | | | | 690 | 705 | 720 | 725 | 720 | 710 | 690 | 640 | | | | | | | | | | | | | | | |
| TFG 561/D | 160 M2 | 14 | 15 | 2900 | 84 | | | | | | | 690 | 705 | 720 | 725 | 720 | 710 | 690 | 640 | 580 | 500 | | | | | | | | | | | | | |
| TFG 632/A | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | | | 775 | 790 | 800 | | | | | | | | | | | | | | | | | | | |
| TFG 632/B | 160 MR2 | 10 | 11 | 2900 | 86 | | | | | | | | 775 | 790 | 800 | 805 | 800 | | | | | | | | | | | | | | | | | |
| TFG 632/C | 160 M2 | 14 | 15 | 2900 | 86 | | | | | | | | 775 | 790 | 800 | 805 | 800 | 790 | 770 | 745 | | | | | | | | | | | | | | |
| TFG 632/D | 160 L2 | 17,5 | 18,5 | 2950 | 86 | | | | | | | | 775 | 790 | 800 | 805 | 800 | 790 | 770 | 745 | 710 | 670 | | | | | | | | | | | | |
| TFG 631/A | 160 M2 | 14 | 15 | 2950 | 87 | | | | | | | | | | 870 | 880 | 890 | 900 | | | | | | | | | | | | | | | | |
| TFG 631/B | 160 L2 | 17,5 | 18,5 | 2950 | 87 | | | | | | | | | | 870 | 880 | 890 | 900 | 900 | 880 | 855 | | | | | | | | | | | | | |
| TFG 631/C | 180 M2 | 21 | 22 | 2950 | 87 | | | | | | | | | | 870 | 880 | 890 | 900 | 900 | 880 | 855 | 820 | 755 | | | | | | | | | | | |
| TFG 712/A | 160 L2 | 17,5 | 18,5 | 2950 | 88 | | | | | | | | | | | | 1005 | 1025 | 1025 | | | | | | | | | | | | | | | |
| TFG 712/B | 180 M2 | 21 | 22 | 2950 | 88 | | | | | | | | | | | | 1005 | 1025 | 1025 | 1020 | 995 | 970 | | | | | | | | | | | | |
| TFG 712/C | 200 LR2 | 28 | 30 | 2950 | 88 | | | | | | | | | | | | 1005 | 1025 | 1025 | 1020 | 995 | 970 | 945 | 895 | 840 | | | | | | | | | |
| TFG 711/A | 180 M2 | 21 | 22 | 2950 | 88 | | | | | | | | | | | | | 1110 | 1125 | 1145 | | | | | | | | | | | | | | |
| TFG 711/B | 200 LR2 | 28 | 30 | 2950 | 89 | | | | | | | | | | | | | 1110 | 1125 | 1145 | 1150 | 1145 | 1130 | | | | | | | | | | | |
| TFG 711/C | 200 L2 | 35 | 37 | 2950 | 89 | | | | | | | | | | | | | 1110 | 1125 | 1145 | 1150 | 1145 | 1130 | 1110 | 1050 | | | | | | | | | |
| TFG 711/D | 225 M2 | 42 | 45 | 2950 | 89 | | | | | | | | | | | | | 1110 | 1125 | 1145 | 1150 | 1145 | 1130 | 1110 | 1050 | 975 | 855 | | | | | | | |
| TFG 802/A | 200 LR2 | 28 | 30 | 2950 | 90 | | | | | | | | | | | | | | 1250 | 1255 | 1265 | 1290 | | | | | | | | | | | | |
| TFG 802/B | 200 L2 | 35 | 37 | 2950 | 90 | | | | | | | | | | | | | | 1250 | 1255 | 1265 | 1290 | 1290 | 1280 | | | | | | | | | | |
| TFG 802/C | 225 M2 | 42 | 45 | 2950 | 90 | | | | | | | | | | | | | | 1250 | 1255 | 1265 | 1290 | 1290 | 1280 | 1250 | 1210 | | | | | | | | |
| TFG 802/D | 250 M2 | 53 | 55 | 2950 | 90 | | | | | | | | | | | | | | 1250 | 1255 | 1265 | 1290 | 1290 | 1280 | 1250 | 1210 | 1130 | 1040 | | | | | | |
| TFG 801/A | 225 M2 | 42 | 45 | 2950 | 91 | | | | | | | | | | | | | | | | 1420 | 1435 | 1455 | 1465 | | | | | | | | | | |
| TFG 801/B | 250 M2 | 53 | 55 | 2950 | 91 | | | | | | | | | | | | | | | | 1420 | 1435 | 1455 | 1465 | 1465 | 1435 | | | | | | | | |
| TFG 801/C | 280 S2 | 72 | 75 | 2950 | 91 | | | | | | | | | | | | | | | | 1420 | 1435 | 1455 | 1465 | 1465 | 1435 | 1385 | 1335 | 1230 | | | | | |
| TFG 902/A | 250 M2 | 53 | 55 | 2950 | 92 | | | | | | | | | | | | | | | | | | 1660 | 1670 | 1685 | | | | | | | | | |
| TFG 902/B | 280 S2 | 72 | 75 | 2950 | 92 | | | | | | | | | | | | | | | | | | 1660 | 1670 | 1685 | 1670 | 1660 | 1610 | | | | | | |
| TFG 902/C | 280 M2 | 87 | 90 | 2950 | 92 | | | | | | | | | | | | | | | | | | 1660 | 1670 | 1685 | 1670 | 1660 | 1610 | 1550 | 1455 | | | | |
| TFG 902/D | 315 S2 | 106 | 110 | 2950 | 92 | | | | | | | | | | | | | | | | | | 1660 | 1670 | 1685 | 1670 | 1660 | 1610 | 1550 | 1455 | 1330 | 1180 | | |
| TFG 901/A | 280 S2 | 72 | 75 | 2950 | 93 | | | | | | | | | | | | | | | | | | | 1825 | 1855 | 1865 | | | | | | | | |
| TFG 901/B | 280 M2 | 87 | 90 | 2950 | 93 | | | | | | | | | | | | | | | | | | | 1825 | 1855 | 1865 | 1865 | 1865 | | | | | | |
| TFG 901/C | 315 S2 | 106 | 110 | 2950 | 93 | | | | | | | | | | | | | | | | | | | 1825 | 1855 | 1865 | 1865 | 1865 | 1850 | 1785 | | | | |
| TFG 901/D | 315 M2 | 130 | 132 | 2950 | 93 | | | | | | | | | | | | | | | | | | | 1825 | 1855 | 1865 | 1865 | 1865 | 1850 | 1785 | 1700 | 1590 | | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = kgf/m² x 9,807

## SERIES TFG SPECIFICATIONS IN SUCTION STAGE

| Type | | *kW ass. | kW inst. | n. min.-1 | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
| Fan | Motor | | | | | Pt = mm $H_2O$ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFG 502/A | 100 LA2 | 2,8 | 3 | 2900 | 79 | 460 | 470 | 472 | 475 | 480 | | | | | | | | | | | | | | | | | | | | | | |
| TFG 502/B | 112 M2 | 3,7 | 4 | 2900 | 80 | 460 | 470 | 472 | 475 | 480 | 480 | 472 | 460 | | | | | | | | | | | | | | | | | | | |
| TFG 502/C | 132 SA2 | 5,2 | 5,5 | 2900 | 82 | 460 | 470 | 472 | 475 | 480 | 480 | 472 | 460 | 438 | 418 | 388 | | | | | | | | | | | | | | | | |
| TFG 501/A | 112 M2 | 3,7 | 4 | 2900 | 81 | | 490 | 500 | 510 | 525 | 530 | | | | | | | | | | | | | | | | | | | | | |
| TFG 501/B | 132 SA2 | 5,2 | 5,5 | 2900 | 82 | | 490 | 500 | 510 | 525 | 530 | 530 | 525 | 510 | 495 | | | | | | | | | | | | | | | | | |
| TFG 501/C | 132 SB2 | 7 | 7,5 | 2900 | 83 | | 490 | 500 | 510 | 525 | 530 | 530 | 525 | 510 | 495 | 470 | 438 | 375 | | | | | | | | | | | | | | |
| TFG 562/A | 132 SA2 | 5,2 | 5,5 | 2900 | 84 | | | | 560 | 575 | 590 | 600 | 605 | | | | | | | | | | | | | | | | | | | |
| TFG 562/B | 132 SB2 | 7 | 7,5 | 2900 | 84 | | | | 560 | 575 | 590 | 600 | 605 | 605 | 595 | 590 | | | | | | | | | | | | | | | | |
| TFG 562/C | 132 MB2 | 8,5 | 9 | 2900 | 84 | | | | 560 | 575 | 590 | 600 | 605 | 605 | 595 | 590 | 580 | 550 | | | | | | | | | | | | | | |
| TFG 562/D | 160 MR2 | 10 | 11 | 2900 | 85 | | | | 560 | 575 | 590 | 600 | 605 | 605 | 595 | 590 | 580 | 550 | 505 | 438 | | | | | | | | | | | | |
| TFG 561/A | 132 SB2 | 7 | 7,5 | 2900 | 85 | | | | | | | 640 | 660 | 670 | | | | | | | | | | | | | | | | | | |
| TFG 561/B | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | | 640 | 660 | 670 | 675 | 670 | 655 | | | | | | | | | | | | | | | |
| TFG 561/C | 160 MR2 | 10 | 11 | 2900 | 86 | | | | | | | 640 | 660 | 670 | 675 | 670 | 655 | 640 | 605 | | | | | | | | | | | | | |
| TFG 561/D | 160 M2 | 14 | 15 | 2900 | 86 | | | | | | | 640 | 660 | 670 | 675 | 670 | 655 | 640 | 605 | 565 | 470 | | | | | | | | | | | |
| TFG 632/A | 132 MB2 | 8,5 | 9 | 2900 | 87 | | | | | | | | 720 | 735 | 740 | | | | | | | | | | | | | | | | | |
| TFG 632/B | 160 MR2 | 10 | 11 | 2900 | 88 | | | | | | | | 720 | 735 | 740 | 745 | 745 | | | | | | | | | | | | | | | |
| TFG 632/C | 160 M2 | 14 | 15 | 2900 | 88 | | | | | | | | 720 | 735 | 740 | 745 | 745 | 735 | 720 | 690 | | | | | | | | | | | | |
| TFG 632/D | 160 L2 | 17,5 | 18,5 | 2950 | 88 | | | | | | | | 720 | 735 | 740 | 745 | 745 | 735 | 720 | 690 | 655 | 610 | | | | | | | | | | |
| TFG 631/A | 160 M2 | 14 | 15 | 2950 | 89 | | | | | | | | | | 795 | 815 | 825 | 830 | 830 | | | | | | | | | | | | | |
| TFG 631/B | 160 L2 | 17,5 | 18,5 | 2950 | 89 | | | | | | | | | | 795 | 815 | 825 | 830 | 830 | 815 | 790 | | | | | | | | | | | |
| TFG 631/C | 180 M2 | 21 | 22 | 2950 | 89 | | | | | | | | | | 795 | 815 | 825 | 830 | 830 | 815 | 790 | 760 | 695 | | | | | | | | | |
| TFG 712/A | 160 L2 | 17,5 | 18,5 | 2950 | 90 | | | | | | | | | | | | 925 | 935 | 940 | | | | | | | | | | | | | |
| TFG 712/B | 180 M2 | 21 | 22 | 2950 | 90 | | | | | | | | | | | | 925 | 935 | 940 | 935 | 920 | 895 | | | | | | | | | | |
| TFG 712/C | 200 LR2 | 28 | 30 | 2950 | 90 | | | | | | | | | | | | 925 | 935 | 940 | 935 | 920 | 895 | 865 | 830 | 765 | | | | | | | |
| TFG 711/A | 180 M2 | 21 | 22 | 2950 | 90 | | | | | | | | | | | | | 1000 | 1020 | 1035 | | | | | | | | | | | | |
| TFG 711/B | 200 LR2 | 28 | 30 | 2950 | 91 | | | | | | | | | | | | | 1000 | 1020 | 1035 | 1040 | 1035 | 1020 | | | | | | | | | |
| TFG 711/C | 200 L2 | 35 | 37 | 2950 | 91 | | | | | | | | | | | | | 1000 | 1020 | 1035 | 1040 | 1035 | 1020 | 990 | 950 | | | | | | | |
| TFG 711/D | 225 M2 | 42 | 45 | 2950 | 91 | | | | | | | | | | | | | 1000 | 1020 | 1035 | 1040 | 1035 | 1020 | 990 | 950 | 875 | 785 | | | | | |
| TFG 802/A | 200 LR2 | 28 | 30 | 2950 | 92 | | | | | | | | | | | | | | 1110 | 1120 | 1135 | 1140 | | | | | | | | | | |
| TFG 802/B | 200 L2 | 35 | 37 | 2950 | 92 | | | | | | | | | | | | | | 1110 | 1120 | 1135 | 1140 | 1135 | 1130 | | | | | | | | |
| TFG 802/C | 225 M2 | 42 | 45 | 2950 | 92 | | | | | | | | | | | | | | 1110 | 1120 | 1135 | 1140 | 1135 | 1130 | 1120 | 1070 | | | | | | |
| TFG 802/D | 250 M2 | 53 | 55 | 2950 | 92 | | | | | | | | | | | | | | 1110 | 1120 | 1135 | 1140 | 1135 | 1130 | 1120 | 1070 | 1020 | 940 | | | | |
| TFG 801/A | 225 M2 | 42 | 45 | 2950 | 93 | | | | | | | | | | | | | | | | 1240 | 1270 | 1280 | 1290 | | | | | | | | |
| TFG 801/B | 250 M2 | 53 | 55 | 2950 | 93 | | | | | | | | | | | | | | | | 1240 | 1270 | 1280 | 1290 | 1290 | 1260 | | | | | | |
| TFG 801/C | 280 S2 | 72 | 75 | 2950 | 93 | | | | | | | | | | | | | | | | 1240 | 1270 | 1280 | 1290 | 1290 | 1260 | 1220 | 1160 | 1090 | | | |
| TFG 902/A | 250 M2 | 53 | 55 | 2950 | 94 | | | | | | | | | | | | | | | | | | 1420 | 1435 | 1440 | | | | | | | |
| TFG 902/B | 280 S2 | 72 | 75 | 2950 | 94 | | | | | | | | | | | | | | | | | | 1420 | 1435 | 1440 | 1445 | 1430 | 1400 | | | | |
| TFG 902/C | 280 M2 | 87 | 90 | 2950 | 94 | | | | | | | | | | | | | | | | | | 1420 | 1435 | 1440 | 1445 | 1430 | 1400 | 1345 | 1270 | | |
| TFG 902/D | 315 S2 | 106 | 110 | 2950 | 94 | | | | | | | | | | | | | | | | | | 1420 | 1435 | 1440 | 1445 | 1430 | 1400 | 1345 | 1270 | 1180 | 1050 |
| TFG 901/A | 280 S2 | 72 | 75 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 1550 | 1580 | 1590 | | | | | | |
| TFG 901/B | 280 M2 | 87 | 90 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 1550 | 1580 | 1590 | 1600 | 1590 | | | | |
| TFG 901/C | 315 S2 | 106 | 110 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 1550 | 1580 | 1590 | 1600 | 1590 | 1560 | 1525 | | |
| TFG 901/D | 315 M2 | 130 | 132 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 1550 | 1580 | 1590 | 1600 | 1590 | 1560 | 1525 | 1455 | 1360 |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = kgf/m² x 9,807



EuroVent

## SERIES TFE OVERALL DIMENSIONS AND WEIGHTS

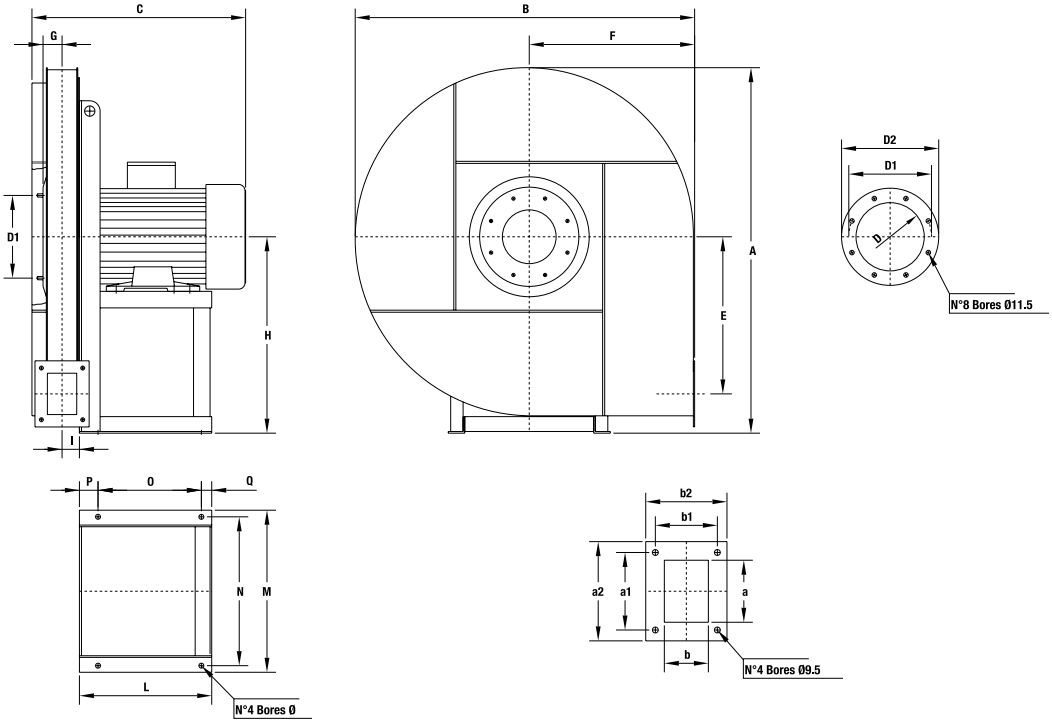
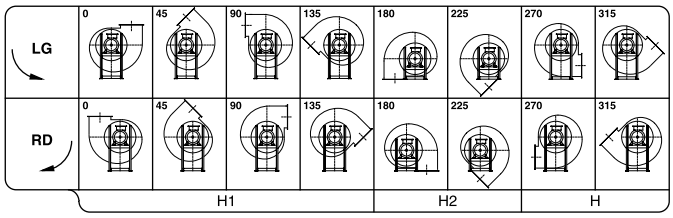



**Table of discharge positions**




**The fan is revolvable**

| Type | | Fan | | | | | | | | | Base | | | | | | | | Inlet flange | | | Outlet flange | | | | | | Weight | $PD^2$ $GD^2$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | A | B | C | E | F | G | H | $H_1$ | $H_2$ | I | L | M | N | O | P | Q | ø | D | $D_1$ | $D_2$ | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | Kg | Kg $m^2$ |
| TFE 351/B<br>TFE 351/A | 71 A2<br>71 B2 | 560 | 520 | 310 | 223 | 250 | 42 | 300 | 300 | 300 | 36 | 190 | 235 | 215 | 125 | 50 | 15 | 10 | 145 | 182 | 215 | 90 | 63 | 112 | 90 | 150 | 123 | 23 | 0,3 |
| TFE 401/A | 80 A2 | 560 | 520 | 330 | 223 | 250 | 42 | 300 | 300 | 300 | 36 | 190 | 235 | 215 | 125 | 50 | 15 | 10 | 145 | 182 | 215 | 90 | 63 | 112 | 90 | 150 | 123 | 24 | 0,4 |
| TFE 451/B<br>TFE 451/A | 80 A2<br>80 B2 | 670 | 620 | 330 | 280 | 300 | 42 | 355 | 355 | 355 | 37 | 190 | 235 | 215 | 125 | 50 | 15 | 10 | 145 | 182 | 215 | 90 | 63 | 112 | 90 | 150 | 123 | 33 | 0,6 |
| TFE 501/A | 90 S2 | 670 | 620 | 370 | 280 | 300 | 42 | 355 | 355 | 355 | 38 | 215 | 270 | 245 | 137 | 60 | 18 | 10 | 145 | 182 | 215 | 90 | 63 | 112 | 90 | 150 | 123 | 35 | 1 |
| TFE 561/B<br>TFE 561/A | 90 S2<br>90 L2 | 790 | 730 | 390 | 330 | 355 | 46 | 425 | 425 | 425 | 42 | 215 | 270 | 245 | 137 | 60 | 18 | 10 | 165 | 200 | 235 | 100 | 71 | 125 | 100 | 160 | 131 | 51 | 1,6 |
| TFE 631/A | 100 LA2 | 790 | 730 | 460 | 330 | 355 | 46 | 425 | 425 | 425 | 43 | 260 | 332 | 300 | 200 | 35 | 25 | 12 | 165 | 200 | 235 | 100 | 71 | 125 | 100 | 160 | 131 | 52 | 2,3 |
| TFE 712/A | 112 M2 | 890 | 825 | 460 | 380 | 400 | 46 | 475 | 475 | 475 | 42 | 260 | 332 | 300 | 200 | 35 | 25 | 12 | 165 | 200 | 235 | 100 | 71 | 125 | 100 | 160 | 131 | 72 | 3,2 |
| TFE 711/A | 132 SA2 | 890 | 825 | 520 | 380 | 400 | 46 | 475 | 475 | 475 | 42 | 320 | 392 | 360 | 250 | 45 | 25 | 12 | 165 | 200 | 235 | 100 | 71 | 125 | 100 | 160 | 131 | 78 | 3,2 |
| TFE 801/C<br>TFE 801/A<br>TFE 801/B | 132 SA2<br>132 SB2<br>132 MB2 | 990 | 920 | 520 | 430 | 450 | 50 | 530 | 530 | 530 | 42 | 320 | 392 | 360 | 250 | 45 | 25 | 12 | 165 | 200 | 235 | 100 | 71 | 125 | 100 | 160 | 131 | 108 | 6,3 |
| TFE 901/B<br>TFE 901/B | 160 MR2<br>160 M2 | 1180 | 1100 | 680 | 520 | 530 | 56 | 630 | 630 | 630 | 49 | 425 | 440 | 400 | 340 | 55 | 30 | 14 | 185 | 219 | 255 | 112 | 80 | 140 | 112 | 172 | 140 | 175 | 10 |

The above date are unbinding

Fan weight in kg (without motor)

# SERIES TFF OVERALL DIMENSIONS AND WEIGHTS

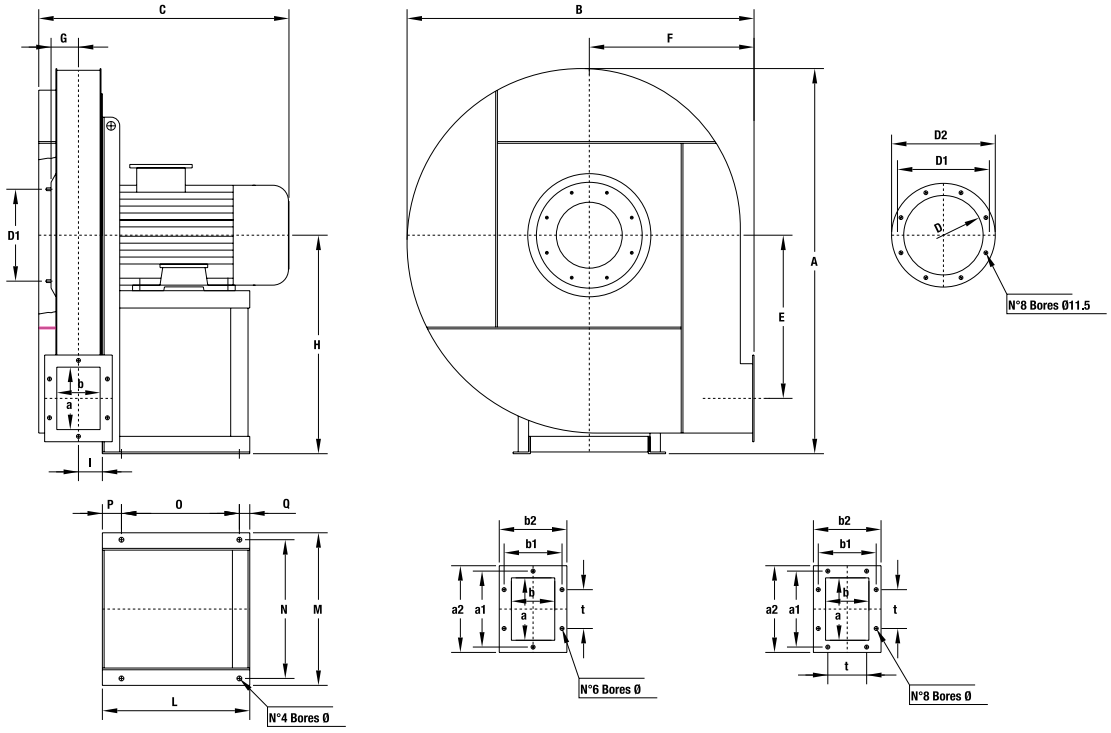
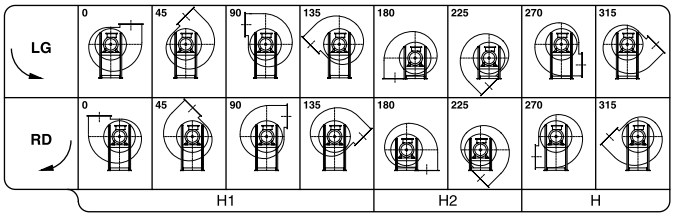



**Table of discharge positions**




**The fan is revolvable**

| Type | | Fan | | | | | | | | | Base | | | | | | | Inlet flange | | | Outlet flange | | | | | | | | Weight | PD² GD² |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | A | B | C | E | F | G | H | $H_1$ | $H_2$ | I | L | M | N | O | P | Q | ø | D | $D_1$ | $D_2$ | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | t | N° | ø | Kg | Kg m² |
| TFF 502/A | 90 L2 | 800 | 735 | 405 | 337 | 355 | 61 | 450 | 450 | 450 | 53 | 215 | 270 | 245 | 137 | 60 | 18 | 10 | 165 | 200 | 235 | 125 | 90 | 165 | 130 | 185 | 150 | 100 | 6 | 9,5 | 44 | 0,9 |
| TFF 502/B | 100 LA2 | | | 475 | | | | | | | | 260 | 332 | 300 | 200 | 35 | 25 | 12 | | | | | | | | | | | | | 46 | |
| TFF 561/A | 112 M2 | 900 | 830 | 490 | 380 | 400 | 65 | 500 | 500 | 500 | 58 | 260 | 332 | 300 | 200 | 35 | 25 | 12 | 185 | 219 | 255 | 140 | 100 | 182 | 141 | 210 | 170 | 112 | 6 | 11,5 | 60 | 2,1 |
| TFF 561/B | 132 SA2 | | | | | | | | | | | 320 | 392 | 360 | 250 | 45 | | | | | | | | | | | | | | | 62 | |
| TFF 632/A | 132 SA2 | 1000 | 900 | 565 | 420 | 425 | 71 | 560 | 560 | 560 | 63 | 320 | 392 | 360 | 250 | 45 | 25 | 12 | 205 | 241 | 275 | 160 | 112 | 200 | 153 | 230 | 182 | 112 | 6 | 11,5 | 66 | 2,8 |
| TFF 632/B | 132 SB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 631/A | 132 SB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3,2 |
| TFF 631/B | 132 MB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 712/A | 132 SB2 | 1120 | 1010 | 590 | 470 | 475 | 80 | 630 | 630 | 630 | 71 | 320 | 392 | 360 | 250 | 45 | 25 | 12 | 229 | 265 | 299 | 180 | 125 | 219 | 167 | 250 | 195 | 112 | 6 | 11,5 | 108 | 5,5 |
| TFF 712/B | 132 MB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 712/C | 160 MR2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 712/D | 160 M2 | | | 725 | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | 14 | | | | | | | | | | | | | 141 | 6,2 |
| TFF 711/A | 160 MR2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 711/B | 160 M2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 711/C | 160 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TFF 802/A | 160 M2 | 1250 | 1120 | 740 | 530 | 530 | 90 | 710 | 710 | 710 | 80 | 425 | 440 | 400 | 340 | 55 | 30 | 14 | 255 | 292 | 325 | 200 | 140 | 241 | 182 | 270 | 210 | 112 | 8 | 11,5 | 220 | 8,5 |
| TFF 802/B | 160 L2 | | | | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | | | | | | | | | | | | | | | |
| TFF 802/C | 180 M2 | | | | | | | | | | | 470 | 500 | 450 | 370 | 65 | 35 | | | | | | | | | | | | | | 237 | |
| TFF 801/A | 160 M2 | | | | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | | | | | | | | | | | | | | 222 | 10,5 |
| TFF 801/B | 160 L2 | | | | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | | | | | | | | | | | | | | | |
| TFF 801/C | 180 M2 | | | | | | | | | | | 470 | 500 | 450 | 370 | 65 | 35 | | | | | | | | | | | | | | 237 | |
| TFF 801/D | 200 LR2 | | | 815 | | | | | | | | 500 | 570 | 510 | 385 | 75 | 40 | 16 | | | | | | | | | | | | | 250 | |
| TFF 902/A | 180 M2 | 1410 | 1265 | 765 | 598 | 600 | 103 | 800 | 710 | 710 | 90 | 470 | 500 | 450 | 370 | 65 | 35 | 14 | 286 | 332 | 366 | 224 | 160 | 265 | 200 | 294 | 230 | 112 | 8 | 11,5 | 302 | 14,5 |
| TFF 902/B | 200 LR2 | | | 840 | | | | | | | | 500 | 570 | 510 | 385 | 75 | | 16 | | | | | | | | | | | | | 325 | |
| TFF 902/C | 200 L2 | | | 840 | | | | | | | | 500 | 570 | 510 | 385 | 75 | | 16 | | | | | | | | | | | | | | |
| TFF 902/D | 225 M2 | | | 915 | | | | | | | | 550 | 626 | 565 | 425 | 85 | 40 | 19 | | | | | | | | | | | | | 340 | |
| TFF 901/A | 200 LR2 | | | 840 | | | | | | | | 500 | 570 | 510 | 385 | 75 | | 16 | | | | | | | | | | | | | 335 | |
| TFF 901/B | 200 L2 | | | 840 | | | | | | | | 500 | 570 | 510 | 385 | 75 | | 16 | | | | | | | | | | | | | | 18,5 |
| TFF 901/C | 225 M2 | | | 915 | | | | | | | | 550 | 626 | 565 | 425 | 85 | | 19 | | | | | | | | | | | | | 380 | |
| TFF 901/D | 250 M2 | | | 915 | | | | | | | | 600 | 686 | 615 | 460 | 95 | 45 | 21 | | | | | | | | | | | | | 400 | |

The above date are unbinding

Fan weight in kg (without motor)

# SERIES TFG OVERALL DIMENSIONS AND WEIGHTS

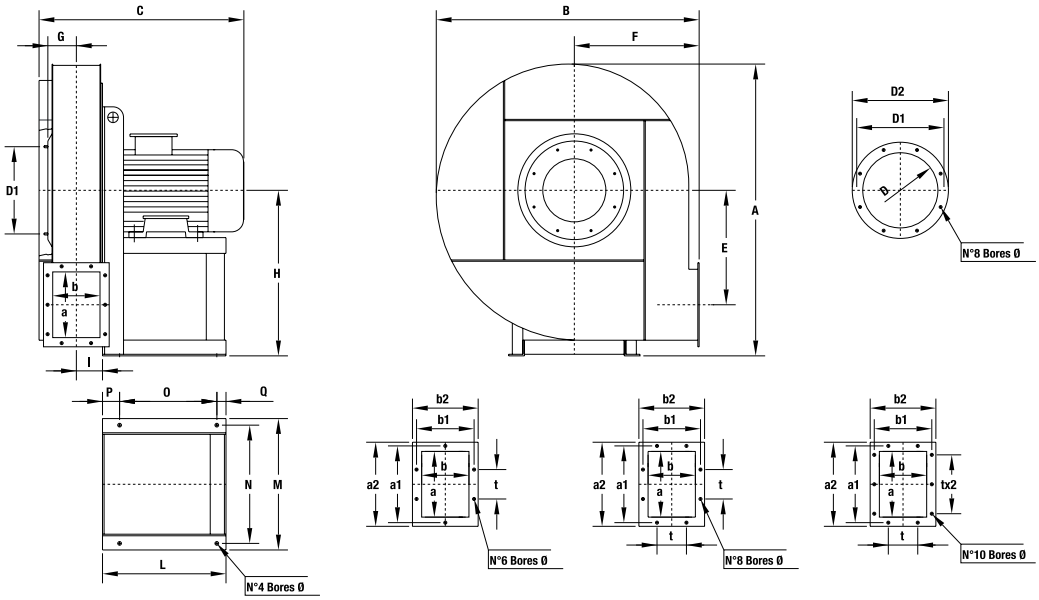
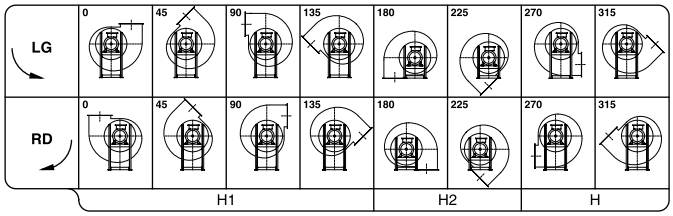



**Table of discharge positions**




**The fan is revolvable**

| Type | | Fan | | | | | | | | | Base | | | | | | | | Inlet flange | | | Outlet flange | | | | | | | | | Weight | $PD^2$ $GD^2$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | A | B | C | E | F | G | H | $H_1$ | $H_2$ | I | L | M | N | O | P | Q | ø | D | $D_1$ | $D_2$ | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | t | N° | ø | Kg | Kg $m^2$ |
| TFG 502/A | 100 LA2 | | | 510 | | | | | | | | 260 | 332 | 300 | 200 | 35 | | | | | | | | | | | | | | | 46 | |
| TFG 502/B | 112 M2 | | | 510 | | | | | | | | 260 | 332 | 300 | 200 | 35 | | | | | | | | | | | | | | | 47 | 1 |
| TFG 502/C | 132 SA2 | 800 | 735 | 570 | 310 | 355 | 77 | 450 | 450 | 355 | 69 | 320 | 392 | 360 | 250 | 45 | 25 | 12 | 205 | 241 | 275 | 180 | 125 | 219 | 167 | 250 | 195 | 112 | 6 | 11,5 | 55 | |
| TFG 501/A | 112 M2 | | | 510 | | | | | | | | 260 | 332 | 300 | 200 | 35 | | | | | | | | | | | | | | | 50 | |
| TFG 501/B | 132 SA2 | | | 570 | | | | | | | | 320 | 392 | 360 | 250 | 45 | | | | | | | | | | | | | | | 56 | 1,2 |
| TFG 501/C | 132 SB2 | | | 570 | | | | | | | | 320 | 392 | 360 | 250 | 45 | | | | | | | | | | | | | | | | |
| TFG 562/A | 132 SA2 | | | 595 | | | | | | | | 320 | 392 | 360 | 250 | 45 | 25 | | | | | | | | | | | | | | 80 | 2 |
| TFG 562/B | 132 SB2 | | | 595 | | | | | | | | 320 | 392 | 360 | 250 | 45 | 25 | 12 | | | | | | | | | | | | | | |
| TFG 562/C | 132 MB2 | | | 595 | | | | | | | | 320 | 392 | 360 | 250 | 45 | 25 | | | | | | | | | | | | | | | |
| TFG 562/D | 160 MR2 | 900 | 830 | 730 | 350 | 400 | 87 | 500 | 500 | 400 | 78 | 425 | 440 | 400 | 340 | 55 | 30 | 14 | 229 | 265 | 299 | 200 | 140 | 241 | 182 | 270 | 210 | 112 | 8 | 11,5 | 108 | |
| TFG 561/A | 132 SB2 | | | 595 | | | | | | | | 320 | 392 | 360 | 250 | 45 | 25 | 12 | | | | | | | | | | | | | 85 | 2,3 |
| TFG 561/B | 132 MB2 | | | 595 | | | | | | | | 320 | 392 | 360 | 250 | 45 | 25 | 12 | | | | | | | | | | | | | | |
| TFG 561/C | 160 MR2 | | | 730 | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | 14 | | | | | | | | | | | | | 115 | |
| TFG 561/D | 160 M2 | | | 730 | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | 14 | | | | | | | | | | | | | | |
| TFG 632/A | 132 MB2 | | | 615 | | | | | | | | 320 | 392 | 360 | 250 | 45 | 25 | 12 | | | | | | | | | | | | | 98 | 2,9 |
| TFG 632/B | 160 MR2 | | | | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | | | | | | | | | | | | | | | |
| TFG 632/C | 160 M2 | | | | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | | | | | | | | | | | | | | 140 | |
| TFG 632/D | 160 L2 | 1000 | 930 | 750 | 388 | 425 | 100 | 560 | 560 | 425 | 88 | 425 | 440 | 400 | 340 | 55 | 30 | 14 | 255 | 292 | 325 | 224 | 160 | 265 | 200 | 294 | 230 | 112 | 8 | 11,5 | | |
| TFG 631/A | 160 M2 | | | | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | | | | | | | | | | | | | | 150 | 3,4 |
| TFG 631/B | 160 L2 | | | | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | | | | | | | | | | | | | | | |
| TFG 631/C | 180 M2 | | | 760 | | | | | | | | 470 | 500 | 450 | 370 | 65 | 35 | | | | | | | | | | | | | | 167 | |
| TFG 712/A | 160 L2 | | | 780 | | | | | | | | 425 | 440 | 400 | 340 | 55 | 30 | 14 | | | | | | | | | | | | | 171 | |
| TFG 712/B | 180 M2 | | | 790 | | | | | | | | 470 | 500 | 450 | 370 | 65 | 35 | 14 | | | | | | | | | | | | | 182 | 5,6 |
| TFG 712/C | 200 LR2 | | | 855 | | | | | | | | 500 | 570 | 510 | 385 | 75 | 40 | 16 | | | | | | | | | | | | | 210 | |
| TFG 711/A | 180 M2 | 1120 | 1005 | 780 | 435 | 475 | 110 | 630 | 630 | 475 | 98 | 470 | 500 | 450 | 370 | 65 | 35 | 14 | 286 | 332 | 366 | 250 | 180 | 292 | 219 | 320 | 250 | 112 | 10 | 11,5 | 192 | |
| TFG 711/B | 200 LR2 | | | 855 | | | | | | | | 500 | 570 | 510 | 385 | 75 | 40 | 16 | | | | | | | | | | | | | 230 | 6,8 |
| TFG 711/C | 200 L2 | | | 855 | | | | | | | | 500 | 570 | 510 | 385 | 75 | 40 | 16 | | | | | | | | | | | | | | |
| TFG 711/D | 225 M2 | | | 930 | | | | | | | | 550 | 626 | 565 | 425 | 85 | 40 | 19 | | | | | | | | | | | | | 245 | |
| TFG 802/A | 200 LR2 | | | 875 | | | | | | | | 500 | 570 | 510 | 385 | 75 | 40 | 16 | | | | | | | | | | | | | 255 | 9 |
| TFG 802/B | 200 L2 | | | 875 | | | | | | | | 500 | 570 | 510 | 385 | 75 | 40 | 16 | | | | | | | | | | | | | | |
| TFG 802/C | 225 M2 | | | 955 | | | | | | | | 550 | 626 | 565 | 425 | 85 | 40 | 19 | | | | | | | | | | | | | 270 | |
| TFG 802/D | 250 M2 | 1250 | 1120 | 960 | 490 | 530 | 120 | 710 | 710 | 530 | 110 | 600 | 686 | 615 | 460 | 95 | 45 | 21 | 321 | 366 | 401 | 280 | 200 | 332 | 249 | 360 | 280 | 125 | 10 | 11,5 | 282 | |
| TFG 801/A | 225 M2 | | | 955 | | | | | | | | 550 | 626 | 565 | 425 | 85 | 40 | 19 | | | | | | | | | | | | | 240 | |
| TFG 801/B | 250 M2 | | | 960 | | | | | | | | 600 | 686 | 615 | 460 | 95 | 45 | 21 | | | | | | | | | | | | | 302 | 11 |
| TFG 801/C | 280 S2 | | | 1085 | | | | | | | | 700 | 760 | 680 | 550 | 100 | 50 | 21 | | | | | | | | | | | | | 315 | |
| TFG 902/A | 250 M2 | | | 980 | | | | | | | | 600 | 686 | 615 | 460 | 95 | 45 | | | | | | | | | | | | | | 387 | |
| TFG 902/B | 280 S2 | | | | | | | | | | | 700 | 760 | 680 | 550 | 100 | 50 | 21 | | | | | | | | | | | | | 405 | 15 |
| TFG 902/C | 280 M2 | | | | | | | | | | | 700 | 760 | 680 | 550 | 100 | 50 | | | | | | | | | | | | | | | |
| TFG 902/D | 315 S2 | 1410 | 1265 | 1110 | 552 | 600 | 135 | 800 | 710 | 600 | 122 | 770 | 860 | 770 | 605 | 110 | 55 | 24 | 361 | 405 | 441 | 315 | 224 | 366 | 273 | 395 | 304 | 125 | 10 | 11,5 | 475 | |
| TFG 901/A | 280 S2 | | | | | | | | | | | 650 | 760 | 680 | 500 | 100 | 50 | 21 | | | | | | | | | | | | | 420 | 19 |
| TFG 901/B | 280 M2 | | | | | | | | | | | 700 | 760 | 680 | 550 | 100 | 50 | 21 | | | | | | | | | | | | | | |
| TFG 901/C | 315 S2 | | | | | | | | | | | 770 | 860 | 770 | 605 | 110 | 55 | 24 | | | | | | | | | | | | | 487 | |
| TFG 901/D | 315 M2 | | | 1255 | | | | | | | | 770 | 860 | 770 | 605 | 110 | 55 | 24 | | | | | | | | | | | | | | |

The above date are unbinding

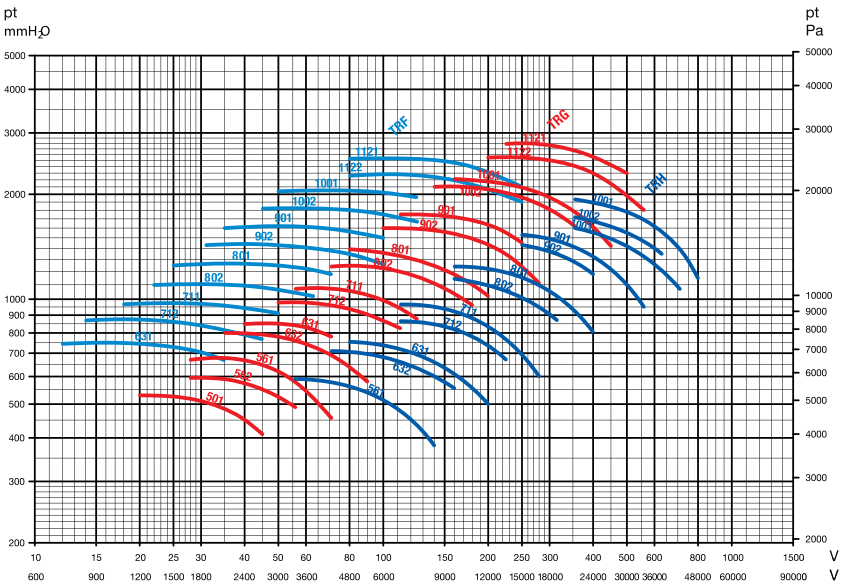
Fan weight in kg (without motor)

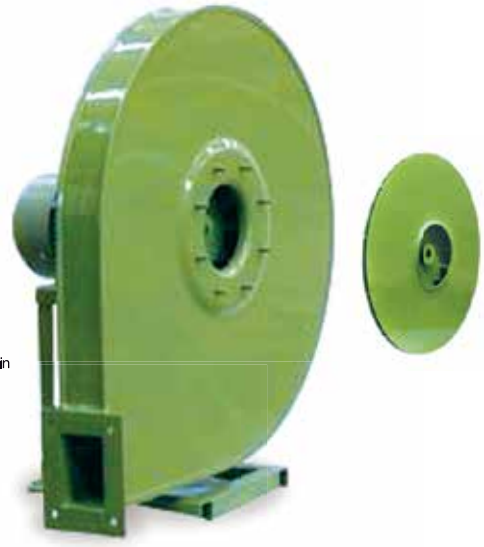
# series TRF-TRG-TRH SPECIFICATIONS

**USE:**
For the suction of clean and dusty air.These types of high pressure fans are characterized by a high output with saving of electric power as they have a special fan wheel with reversed blades (Negative) assembled.These types of fans are particularly suitable for pneumatic conveyances, in cement factories, in the air feeding for the cupolas in foundries and in oil burners, in the mills, in “pasta”factories, in chemical, metallurgical and iron industries where small capacities with medium and high pressures are required.The temperature of the fluid sucked in must not exceed 80°C.

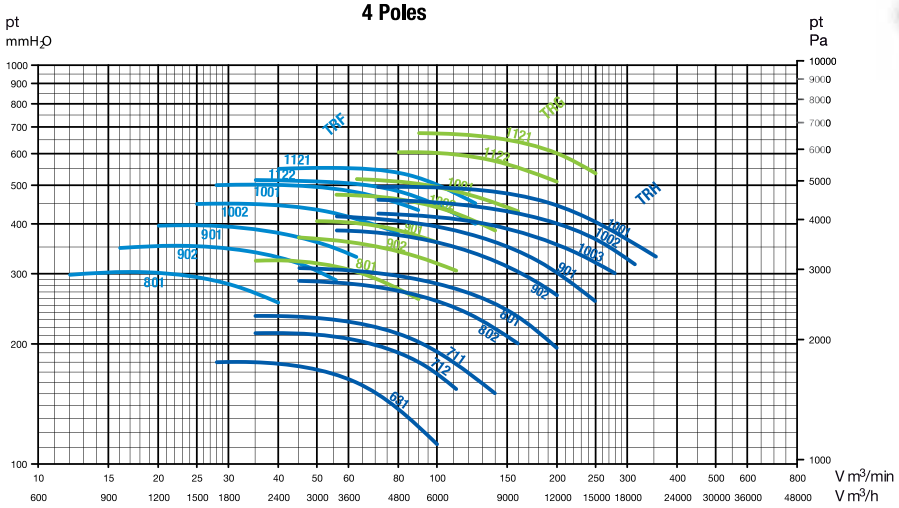
## CHARACTERISTIC CURVE IN DISCHARGE STAGE SERIES TRF-TRG-TRH

### 2 Poles



### 4 Poles



## SERIES TRF SPECIFICATIONS IN DISCHARGE STAGE

| Type | | *kW ass. | kW inst. | n. min.$^{-1}$ | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 11 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 |
| Fan | Motor | | | | | Pt = mmH$_2$O | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRF 631/A | 112 M2 | 3,7 | 4 | 2900 | 80 | | | 755 | 755 | 750 | 748 | 745 | 735 | | | | | | | | | | | | | | | | | | | | | |
| TRF 631/B | 132 SA2 | 5,2 | 5,5 | 2900 | 82 | | | 755 | 755 | 750 | 748 | 745 | 735 | 725 | 715 | 695 | 675 | | | | | | | | | | | | | | | | | |
| TRF 712/A | 132 SA2 | 5,2 | 5,5 | 2900 | 83 | | | | 870 | 875 | 875 | 875 | 870 | 860 | | | | | | | | | | | | | | | | | | | | |
| TRF 712/B | 132 SB2 | 7 | 7,5 | 2900 | 83 | | | | 870 | 875 | 875 | 875 | 870 | 860 | 850 | 840 | 820 | | | | | | | | | | | | | | | | | |
| TRF 712/C | 132 MB2 | 8,5 | 9 | 2900 | 83 | | | | 870 | 875 | 875 | 875 | 870 | 860 | 850 | 840 | 820 | 795 | 770 | | | | | | | | | | | | | | | |
| TRF 711/A | 132 SB2 | 7 | 7,5 | 2900 | 83 | | | | | | 980 | 980 | 980 | 975 | 970 | 965 | | | | | | | | | | | | | | | | | | |
| TRF 711/B | 132 MB2 | 8,5 | 9 | 2900 | 83 | | | | | | 980 | 980 | 980 | 975 | 970 | 965 | 960 | 950 | | | | | | | | | | | | | | | | |
| TRF 711/C | 160 MR2 | 10,5 | 11 | 2900 | 84 | | | | | | 980 | 980 | 980 | 975 | 970 | 965 | 960 | 950 | 930 | 920 | | | | | | | | | | | | | | |
| TRF 802/A | 132 MB2 | 8,5 | 9 | 2900 | 84 | | | | | | | | 1100 | 1105 | 1110 | 1110 | | | | | | | | | | | | | | | | | | |
| TRF 802/B | 160 MR2 | 10,5 | 11 | 2900 | 84 | | | | | | | | 1100 | 1105 | 1110 | 1110 | 1105 | 1095 | | | | | | | | | | | | | | | | |
| TRF 802/C | 160 M2 | 14 | 15 | 2900 | 84 | | | | | | | | 1100 | 1105 | 1110 | 1110 | 1105 | 1095 | 1080 | 1070 | 1045 | 1020 | | | | | | | | | | | | |
| TRF 801/A | 160 MR2 | 10,5 | 11 | 2900 | 84 | | | | | | | | | 1250 | 1255 | 1260 | 1265 | | | | | | | | | | | | | | | | | |
| TRF 801/B | 160 M2 | 14 | 15 | 2900 | 84 | | | | | | | | | 1250 | 1255 | 1260 | 1265 | 1260 | 1250 | 1240 | | | | | | | | | | | | | | |
| TRF 801/C | 160 L2 | 18 | 18,5 | 2950 | 84 | | | | | | | | | 1250 | 1255 | 1260 | 1265 | 1260 | 1250 | 1240 | 1230 | 1200 | 1180 | | | | | | | | | | | |
| TRF 902/A | 160 L2 | 18 | 18,5 | 2950 | 85 | | | | | | | | | | | 1430 | 1435 | 1440 | 1440 | 1430 | 1420 | | | | | | | | | | | | | |
| TRF 902/B | 180 M2 | 21 | 22 | 2950 | 85 | | | | | | | | | | | 1430 | 1435 | 1440 | 1440 | 1430 | 1420 | 1400 | 1380 | | | | | | | | | | | |
| TRF 902/C | 200 LR2 | 28 | 30 | 2950 | 86 | | | | | | | | | | | 1430 | 1435 | 1440 | 1440 | 1430 | 1420 | 1400 | 1380 | 1350 | 1300 | 1270 | | | | | | | | |
| TRF 901/A | 160 L2 | 18 | 18,5 | 2950 | 86 | | | | | | | | | | | | 1600 | 1610 | 1620 | | | | | | | | | | | | | | | |
| TRF 901/B | 180 M2 | 21 | 22 | 2950 | 86 | | | | | | | | | | | | 1600 | 1610 | 1620 | 1620 | 1615 | | | | | | | | | | | | | |
| TRF 901/C | 200 LR2 | 28,5 | 30 | 2950 | 87 | | | | | | | | | | | | 1600 | 1610 | 1620 | 1620 | 1615 | 1600 | 1590 | 1575 | | | | | | | | | | |
| TRF 901/D | 200 L2 | 35,5 | 37 | 2950 | 88 | | | | | | | | | | | | 1600 | 1610 | 1620 | 1620 | 1615 | 1600 | 1590 | 1575 | 1530 | 1500 | | | | | | | | |
| TRF 1002/A | 200 LR2 | 29 | 30 | 2950 | 91 | | | | | | | | | | | | | | 1820 | 1825 | 1825 | 1820 | 1815 | | | | | | | | | | | |
| TRF 1002/B | 200 L2 | 35 | 37 | 2950 | 91 | | | | | | | | | | | | | | 1820 | 1825 | 1825 | 1820 | 1815 | 1800 | 1780 | | | | | | | | | |
| TRF 1002/C | 225 M2 | 43 | 45 | 2950 | 91 | | | | | | | | | | | | | | 1820 | 1825 | 1825 | 1820 | 1815 | 1800 | 1780 | 1750 | 1710 | 1670 | | | | | | |
| TRF 1001/A | 200 L2 | 35 | 37 | 2950 | 91 | | | | | | | | | | | | | | | 2040 | 2050 | 2060 | 2060 | | | | | | | | | | | |
| TRF 1001/B | 225 M2 | 43 | 45 | 2950 | 91 | | | | | | | | | | | | | | | 2040 | 2050 | 2060 | 2060 | 2050 | 2040 | 2020 | | | | | | | | |
| TRF 1001/C | 250 M2 | 53 | 55 | 2950 | 92 | | | | | | | | | | | | | | | 2040 | 2050 | 2060 | 2060 | 2050 | 2040 | 2020 | 2000 | 1960 | | | | | | |
| TRF 1122/A | 280 S2 | 70 | 75 | 2950 | 93 | | | | | | | | | | | | | | | | | | | 2260 | 2270 | 2280 | 2280 | 2270 | 2250 | | | | | |
| TRF 1122/B | 280 M2 | 85 | 90 | 2950 | 93 | | | | | | | | | | | | | | | | | | | 2260 | 2270 | 2280 | 2280 | 2270 | 2250 | 2160 | 2120 | | | |
| TRF 1122/C | 315 S2 | 106 | 110 | 2950 | 94 | | | | | | | | | | | | | | | | | | | 2260 | 2270 | 2280 | 2280 | 2270 | 2250 | 2160 | 2120 | 2100 | 2000 | 1900 |
| TRF 1121/A | 280 M2 | 85 | 90 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 2530 | 2530 | 2550 | 2540 | 2530 | 2500 | | | | | |
| TRF 1121/B | 315 S2 | 105 | 110 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 2530 | 2530 | 2550 | 2540 | 2530 | 2500 | 2460 | 2410 | 2340 | | |
| TRF 1121/C | 315 M2 | 125 | 132 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 2530 | 2530 | 2550 | 2540 | 2530 | 2500 | 2460 | 2410 | 2340 | 2230 | 2100 |
| TRF 801/D | 100 LB4 | 2,7 | 3 | 1450 | 70 | | | 300 | 302 | 305 | 305 | 300 | 298 | 295 | 292 | 285 | 270 | 255 | | | | | | | | | | | | | | | | |
| TRF 902/D | 112 M4 | 3,8 | 4 | 1450 | 71 | | | | | 350 | 352 | 355 | 355 | 352 | 350 | 345 | 340 | 330 | 320 | 305 | 290 | | | | | | | | | | | | | |
| TRF 901/E | 132 SA4 | 4,9 | 5,5 | 1450 | 72 | | | | | | | 400 | 400 | 400 | 398 | 395 | 388 | 380 | 370 | 360 | 345 | 330 | | | | | | | | | | | | |
| TRF 1002/D | 132 MA4 | 6,5 | 7,5 | 1450 | 75 | | | | | | | | | 450 | 450 | 450 | 450 | 445 | 440 | 435 | 425 | 410 | 395 | 380 | | | | | | | | | | |
| TRF 1001/D | 160 M4 | 9,5 | 11 | 1450 | 76 | | | | | | | | | | 500 | 500 | 500 | 500 | 500 | 498 | 490 | 480 | 460 | 450 | 435 | | | | | | | | | |
| TRF 1122/D | 160 L4 | 14 | 15 | 1450 | 77 | | | | | | | | | | | | 515 | 515 | 515 | 510 | 505 | 500 | 490 | 480 | 470 | 460 | 440 | 400 | | | | | | |
| TRF 1121/D | 180 M4 | 16 | 18,5 | 1450 | 78 | | | | | | | | | | | | | 550 | 550 | 550 | 550 | 550 | 545 | 535 | 525 | 505 | 475 | 450 | | | | | | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

**Pa (Pascal) =mmH$_2$O x 9,807**

## SERIES TRF SPECIFICATIONS IN SUCTION STAGE

| Type | | *kW ass. | kW inst. | n. min.-1 | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 11 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 |
| Fan | Motor | | | | | Pt = mmH2O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRF 631/A | 112 M2 | 3,7 | 4 | 2900 | 82 | | | 665 | 665 | 670 | 665 | 660 | 650 | | | | | | | | | | | | | | | | | | | | | | |
| TRF 631/B | 132 SA2 | 5,2 | 5,5 | 2900 | 84 | | | 665 | 665 | 670 | 665 | 660 | 650 | 640 | 630 | 620 | 605 | | | | | | | | | | | | | | | | | | |
| TRF 712/A | 132 SA2 | 5,2 | 5,5 | 2900 | 85 | | | | 765 | 770 | 775 | 775 | 770 | 755 | | | | | | | | | | | | | | | | | | | | | |
| TRF 712/B | 132 SB2 | 7 | 7,5 | 2900 | 85 | | | | 765 | 770 | 775 | 775 | 770 | 755 | 745 | 740 | 725 | | | | | | | | | | | | | | | | | | |
| TRF 712/C | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | 765 | 770 | 775 | 775 | 770 | 755 | 745 | 740 | 725 | 705 | 680 | | | | | | | | | | | | | | | | |
| TRF 711/A | 132 SB2 | 7 | 7,5 | 2900 | 85 | | | | | | 850 | 850 | 850 | 850 | 845 | 845 | | | | | | | | | | | | | | | | | | | |
| TRF 711/B | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | 850 | 850 | 850 | 850 | 845 | 845 | 840 | 825 | | | | | | | | | | | | | | | | | |
| TRF 711/C | 160 MR2 | 10,5 | 11 | 2900 | 86 | | | | | | 850 | 850 | 850 | 850 | 845 | 845 | 840 | 825 | 815 | 800 | | | | | | | | | | | | | | | |
| TRF 802/A | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | | | 940 | 940 | 940 | 935 | | | | | | | | | | | | | | | | | | | |
| TRF 802/B | 160 MR2 | 10,5 | 11 | 2900 | 86 | | | | | | | | 940 | 940 | 940 | 935 | 930 | 930 | | | | | | | | | | | | | | | | | |
| TRF 802/C | 160 M2 | 14 | 15 | 2900 | 86 | | | | | | | | 940 | 940 | 940 | 935 | 930 | 930 | 925 | 915 | 900 | 880 | | | | | | | | | | | | | |
| TRF 801/A | 160 MR2 | 10,5 | 11 | 2900 | 86 | | | | | | | | | 1060 | 1065 | 1065 | 1070 | | | | | | | | | | | | | | | | | | |
| TRF 801/B | 160 M2 | 14 | 15 | 2900 | 86 | | | | | | | | | 1060 | 1065 | 1065 | 1070 | 1070 | 1065 | 1055 | | | | | | | | | | | | | | | |
| TRF 801/C | 160 L2 | 18 | 18,5 | 2950 | 86 | | | | | | | | | 1060 | 1065 | 1065 | 1070 | 1070 | 1065 | 1055 | 1045 | 1020 | 1000 | | | | | | | | | | | | |
| TRF 902/A | 160 L2 | 18 | 18,5 | 2950 | 87 | | | | | | | | | | | 1200 | 1200 | 1195 | 1190 | 1185 | 1180 | | | | | | | | | | | | | | |
| TRF 902/B | 180 M2 | 21 | 22 | 2950 | 87 | | | | | | | | | | | 1200 | 1200 | 1195 | 1190 | 1185 | 1180 | 1160 | 1145 | | | | | | | | | | | | |
| TRF 902/C | 200 LR2 | 28 | 30 | 2950 | 88 | | | | | | | | | | | 1200 | 1200 | 1195 | 1190 | 1185 | 1180 | 1160 | 1145 | 1120 | 1100 | 1080 | | | | | | | | | |
| TRF 901/A | 160 L2 | 18 | 18,5 | 2950 | 88 | | | | | | | | | | | | 1320 | 1330 | 1335 | | | | | | | | | | | | | | | | |
| TRF 901/B | 180 M2 | 21 | 22 | 2950 | 88 | | | | | | | | | | | | 1320 | 1330 | 1335 | 1335 | 1330 | | | | | | | | | | | | | | |
| TRF 901/C | 200 LR2 | 28,5 | 30 | 2950 | 89 | | | | | | | | | | | | 1320 | 1330 | 1335 | 1335 | 1330 | 1320 | 1315 | 1300 | | | | | | | | | | | |
| TRF 901/D | 200 L2 | 35,5 | 37 | 2950 | 90 | | | | | | | | | | | | 1320 | 1330 | 1335 | 1335 | 1330 | 1320 | 1315 | 1300 | 1280 | 1250 | | | | | | | | |
| TRF 1002/A | 200 LR2 | 29 | 30 | 2950 | 93 | | | | | | | | | | | | | | 1470 | 1475 | 1480 | 1480 | 1475 | | | | | | | | | | | | |
| TRF 1002/B | 200 L2 | 35 | 37 | 2950 | 93 | | | | | | | | | | | | | | 1470 | 1475 | 1480 | 1480 | 1475 | 1455 | 1440 | | | | | | | | | | |
| TRF 1002/C | 225 M2 | 43 | 45 | 2950 | 93 | | | | | | | | | | | | | | 1470 | 1475 | 1480 | 1480 | 1475 | 1455 | 1440 | 1410 | 1390 | 1350 | | | | | | |
| TRF 1001/A | 200 L2 | 35 | 37 | 2950 | 93 | | | | | | | | | | | | | | | 1620 | 1625 | 1630 | 1640 | | | | | | | | | | | | |
| TRF 1001/B | 225 M2 | 43 | 45 | 2950 | 93 | | | | | | | | | | | | | | | 1620 | 1625 | 1630 | 1640 | 1640 | 1625 | 1600 | | | | | | | | | |
| TRF 1001/C | 250 M2 | 53 | 55 | 2950 | 94 | | | | | | | | | | | | | | | 1620 | 1625 | 1630 | 1640 | 1640 | 1625 | 1600 | 1590 | 1560 | | | | | | |
| TRF 1122/A | 280 S2 | 70 | 75 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 1910 | 1920 | 1920 | 1920 | 1900 | 1890 | | | | | |
| TRF 1122/B | 280 M2 | 85 | 90 | 2950 | 95 | | | | | | | | | | | | | | | | | | | 1910 | 1920 | 1920 | 1920 | 1900 | 1890 | 1800 | 1730 | | | |
| TRF 1122/C | 315 S2 | 106 | 110 | 2950 | 96 | | | | | | | | | | | | | | | | | | | 1910 | 1920 | 1920 | 1920 | 1900 | 1890 | 1800 | 1730 | 1650 | 1530 | 1400 |
| TRF 1121/A | 280 M2 | 85 | 90 | 2950 | 96 | | | | | | | | | | | | | | | | | | | 2020 | 2025 | 2030 | 2030 | 2010 | 2000 | | | | | |
| TRF 1121/B | 315 S2 | 105 | 110 | 2950 | 97 | | | | | | | | | | | | | | | | | | | 2020 | 2025 | 2030 | 2030 | 2010 | 2000 | 1960 | 1920 | 1860 | | |
| TRF 1121/C | 315 M2 | 125 | 132 | 2950 | 97 | | | | | | | | | | | | | | | | | | | 2020 | 2025 | 2030 | 2030 | 2010 | 2000 | 1960 | 1920 | 1860 | 1760 | 1650 |
| TRF 801/D | 100 LB4 | 2,7 | 3 | 1450 | 72 | | | 290 | 290 | 290 | 290 | 290 | 288 | 285 | 280 | 275 | 270 | 260 | 250 | | | | | | | | | | | | | | | |
| TRF 902/D | 112 M4 | 3,8 | 4 | 1450 | 73 | | | | | 330 | 330 | 330 | 330 | 330 | 330 | 328 | 325 | 320 | 310 | 300 | 290 | | | | | | | | | | | | | |
| TRF 901/E | 132 SA4 | 4,9 | 5,5 | 1450 | 74 | | | | | | | 380 | 380 | 380 | 380 | 375 | 370 | 360 | 350 | 340 | 330 | 320 | | | | | | | | | | | | |
| TRF 1002/D | 132 MA4 | 6,5 | 7,5 | 1450 | 77 | | | | | | | | | 430 | 430 | 425 | 420 | 415 | 410 | 405 | 400 | 390 | 375 | 360 | | | | | | | | | | |
| TRF 1001/D | 160 M4 | 9,5 | 11 | 1450 | 78 | | | | | | | | | | 470 | 470 | 470 | 465 | 460 | 455 | 450 | 440 | 430 | 420 | 400 | | | | | | | | | |
| TRF 1122/D | 160 L4 | 14 | 15 | 1450 | 79 | | | | | | | | | | | | 500 | 500 | 500 | 500 | 500 | 495 | 485 | 475 | 465 | 450 | 435 | 400 | | | | | | |
| TRF 1121/D | 180 M4 | 16 | 18,5 | 1450 | 80 | | | | | | | | | | | | | 525 | 525 | 525 | 525 | 520 | 510 | 500 | 490 | 475 | 460 | 435 | | | | | | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

**Pa (Pascal)** = mmH2O **x 9,807**



EuroVent

## SERIES TRG SPECIFICATIONS IN DISCHARGE STAGE

| Type | | *kW ass. | kW inst. | n. min.$^{-1}$ | Lp dB/A | V = m$^3$/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | | | | | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 355 | 400 | 450 | 500 | 560 |
| | | | | | | Pt = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRG 501/A | 100 LA2 | 2,8 | 3 | 2880 | 78 | 530 | 530 | 525 | 520 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRG 501/B | 112 M2 | 3,7 | 4 | 2900 | 78 | 530 | 530 | 525 | 520 | 510 | 480 | 450 | 410 | | | | | | | | | | | | | | | | | | | | | | | |
| TRG 562/A | 132 SA2 | 5,2 | 5,5 | 2900 | 83 | | | | 600 | 600 | 590 | 575 | 550 | 525 | 490 | | | | | | | | | | | | | | | | | | | | | |
| TRG 561/A | 132 SA2 | 5,3 | 5,5 | 2900 | 83 | | | | 670 | 670 | 665 | 655 | | | | | | | | | | | | | | | | | | | | | | | | |
| TRG 561/B | 132 SB2 | 7,1 | 7,5 | 2900 | 83 | | | | 670 | 670 | 665 | 655 | 640 | 610 | 585 | 540 | 460 | | | | | | | | | | | | | | | | | | | |
| TRG 632/A | 132 SB2 | 7 | 7,5 | 2900 | 86 | | | | | | 800 | 800 | 790 | | | | | | | | | | | | | | | | | | | | | | | |
| TRG 632/B | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | 800 | 800 | 790 | 775 | 755 | 725 | | | | | | | | | | | | | | | | | | | | |
| TRG 632/C | 160 MR2 | 10,5 | 11 | 2900 | 86 | | | | | | 800 | 800 | 790 | 775 | 755 | 725 | 695 | 640 | 585 | | | | | | | | | | | | | | | | | |
| TRG 631/A | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | | 850 | 850 | 845 | | | | | | | | | | | | | | | | | | | | | | |
| TRG 631/B | 160 MR2 | 10,5 | 11 | 2900 | 86 | | | | | | | 850 | 850 | 845 | 840 | 815 | 780 | | | | | | | | | | | | | | | | | | | |
| TRG 712/A | 160 M2 | 14,5 | 15 | 2900 | 87 | | | | | | | | | 980 | 980 | 975 | 970 | 940 | | | | | | | | | | | | | | | | | | |
| TRG 712/B | 160 L2 | 18 | 18,5 | 2950 | 87 | | | | | | | | | 980 | 980 | 975 | 970 | 940 | 915 | 870 | 825 | | | | | | | | | | | | | | | |
| TRG 711/A | 160 L2 | 18,1 | 18,5 | 2950 | 88 | | | | | | | | | | 1070 | 1070 | 1060 | 1050 | 1030 | | | | | | | | | | | | | | | | | |
| TRG 711/B | 180 M2 | 21 | 22 | 2950 | 90 | | | | | | | | | | 1070 | 1070 | 1060 | 1050 | 1030 | 1000 | 960 | 875 | | | | | | | | | | | | | | |
| TRG 802/A | 180 M2 | 21 | 22 | 2950 | 91 | | | | | | | | | | | | 1240 | 1235 | 1230 | | | | | | | | | | | | | | | | | |
| TRG 802/B | 200 LR2 | 28,5 | 30 | 2950 | 91 | | | | | | | | | | | | 1240 | 1235 | 1230 | 1220 | 1200 | 1140 | | | | | | | | | | | | | | |
| TRG 802/C | 200 L2 | 35 | 37 | 2950 | 91 | | | | | | | | | | | | 1240 | 1235 | 1230 | 1220 | 1200 | 1140 | 1105 | 1030 | 960 | | | | | | | | | | | |
| TRG 801/A | 200 LR2 | 28 | 30 | 2950 | 91 | | | | | | | | | | | | | 1390 | 1380 | 1350 | 1320 | | | | | | | | | | | | | | | |
| TRG 801/B | 200 L2 | 35 | 37 | 2950 | 91 | | | | | | | | | | | | | 1390 | 1380 | 1350 | 1320 | 1300 | 1250 | 1170 | | | | | | | | | | | | |
| TRG 801/C | 225 M2 | 43 | 45 | 2950 | 91 | | | | | | | | | | | | | 1390 | 1380 | 1350 | 1320 | 1300 | 1250 | 1170 | 1110 | 1020 | | | | | | | | | | |
| TRG 902/A | 225 M2 | 42 | 45 | 2950 | 92 | | | | | | | | | | | | | | | 1610 | 1610 | 1600 | 1570 | | | | | | | | | | | | | |
| TRG 902/B | 250 M2 | 53 | 55 | 2950 | 92 | | | | | | | | | | | | | | | 1610 | 1610 | 1600 | 1570 | 1530 | 1510 | 1430 | | | | | | | | | | |
| TRG 902/C | 280 S2 | 72 | 75 | 2950 | 93 | | | | | | | | | | | | | | | 1610 | 1610 | 1600 | 1570 | 1530 | 1510 | 1430 | 1350 | 1250 | 1110 | | | | | | | |
| TRG 901/A | 250 M2 | 53 | 55 | 2950 | 93 | | | | | | | | | | | | | | | | 1750 | 1750 | 1750 | 1720 | | | | | | | | | | | | |
| TRG 901/B | 280 S2 | 73 | 75 | 2950 | 93 | | | | | | | | | | | | | | | | 1750 | 1750 | 1750 | 1720 | 1680 | 1630 | 1560 | 1450 | | | | | | | | |
| TRG 1002/A | 280 M2 | 86 | 90 | 2950 | 95 | | | | | | | | | | | | | | | | | | 2100 | 2100 | 2080 | 2060 | 2040 | | | | | | | | | |
| TRG 1002/B | 315 S2 | 105 | 110 | 2950 | 95 | | | | | | | | | | | | | | | | | | 2100 | 2100 | 2080 | 2060 | 2040 | 2000 | 1900 | | | | | | | |
| TRG 1002/C | 315 M2 | 128 | 132 | 2980 | 95 | | | | | | | | | | | | | | | | | | 2100 | 2100 | 2080 | 2060 | 2040 | 2000 | 1900 | 1780 | 1600 | | | | | |
| TRG 1001/A | 315 S2 | 105 | 110 | 2980 | 96 | | | | | | | | | | | | | | | | | | | 2210 | 2210 | 2200 | 2160 | 2100 | | | | | | | | |
| TRG 1001/B | 315 M2 | 127 | 132 | 2980 | 96 | | | | | | | | | | | | | | | | | | | 2210 | 2210 | 2200 | 2160 | 2100 | 2010 | 1900 | | | | | | |
| TRG 1001/C | 315 MG2 | 153 | 160 | 2980 | 96 | | | | | | | | | | | | | | | | | | | 2210 | 2210 | 2200 | 2160 | 2100 | 2010 | 1900 | 1780 | 1600 | 1430 | | | |
| TRG 1122/A | 315 MG2 | 155 | 160 | 2980 | 97 | | | | | | | | | | | | | | | | | | | | | 2550 | 2550 | 2530 | 2500 | 2450 | | | | | | |
| TRG 1122/B | 315 MK2 | 192 | 200 | 2980 | 98 | | | | | | | | | | | | | | | | | | | | | 2550 | 2550 | 2530 | 2500 | 2450 | 2390 | 2300 | 2200 | | | |
| TRG 1122/C | 355 LB2 | 220 | 250 | 2980 | 98 | | | | | | | | | | | | | | | | | | | | | 2550 | 2550 | 2530 | 2500 | 2450 | 2390 | 2300 | 2200 | 2040 | 1800 | |
| TRG 1121/A | 315 MK2 | 193 | 200 | 2980 | 98 | | | | | | | | | | | | | | | | | | | | | | 2800 | 2800 | 2780 | 2750 | 2650 | 2550 | | | | |
| TRG 1121/B | 355 LB2 | 220 | 250 | 2980 | 98 | | | | | | | | | | | | | | | | | | | | | | 2800 | 2800 | 2780 | 2750 | 2650 | 2550 | 2450 | 2300 | | |
| TRG 801/D | 132 SA4 | 5 | 5,5 | 1450 | 76 | | | | | | 325 | 325 | 325 | 320 | 315 | 305 | 290 | 280 | 260 | | | | | | | | | | | | | | | | | |
| TRG 902/D | 132 MA4 | 6,8 | 7,5 | 1450 | 77 | | | | | | | | 370 | 370 | 365 | 360 | 350 | 340 | 330 | 320 | 305 | | | | | | | | | | | | | | | |
| TRG 901/C | 132 MA4 | 7 | 7,5 | 1450 | 78 | | | | | | | | | 410 | 405 | 400 | 395 | 385 | 375 | 360 | | | | | | | | | | | | | | | | |
| TRG 1002/D | 160 M4 | 10 | 11 | 1450 | 79 | | | | | | | | | | 475 | 475 | 470 | 460 | 450 | 440 | 430 | 410 | 390 | | | | | | | | | | | | | |
| TRG 1001/D | 160 L4 | 14 | 15 | 1450 | 80 | | | | | | | | | | | 520 | 515 | 510 | 505 | 500 | 490 | 470 | 450 | 430 | | | | | | | | | | | | |
| TRG 1122/D | 180 L4 | 20 | 22 | 1450 | 81 | | | | | | | | | | | | | 605 | 605 | 605 | 600 | 590 | 580 | 555 | 535 | 515 | | | | | | | | | | |
| TRG 1121/C | 200 L4 | 28 | 30 | 1450 | 82 | | | | | | | | | | | | | | 675 | 675 | 670 | 665 | 655 | 645 | 625 | 600 | 570 | 535 | | | | | | | | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = x 9,807

# SERIES TRG SPECIFICATIONS IN SUCTION STAGE

| Type | | *kW ass. | kW inst. | n. min.-1 | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 20 | 22 | 25 | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 355 | 400 | 450 | 500 | 560 |
| Fan | Motor | | | | | Pt = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRG 501/A | 100 LA2 | 2,8 | 3 | 2880 | 81 | 500 | 500 | 495 | 495 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRG 501/B | 112 M2 | 3,7 | 4 | 2900 | 81 | 500 | 500 | 495 | 495 | 490 | 470 | 450 | 410 | | | | | | | | | | | | | | | | | | | | | |
| TRG 562/A | 132 SA2 | 5,2 | 5,5 | 2900 | 86 | | | | 565 | 565 | 560 | 550 | 535 | 515 | 490 | | | | | | | | | | | | | | | | | | | |
| TRG 561/A | 132 SA2 | 5,3 | 5,5 | 2900 | 86 | | | | 625 | 625 | 625 | 620 | | | | | | | | | | | | | | | | | | | | | | |
| TRG 561/B | 132 SB2 | 7,1 | 7,5 | 2900 | 86 | | | | 625 | 625 | 625 | 620 | 610 | 590 | 570 | 535 | 460 | | | | | | | | | | | | | | | | | |
| TRG 632/A | 132 SB2 | 7 | 7,5 | 2900 | 88 | | | | | | 740 | 740 | 735 | | | | | | | | | | | | | | | | | | | | | |
| TRG 632/B | 132 MB2 | 8,5 | 9 | 2900 | 88 | | | | | | 740 | 740 | 735 | 725 | 710 | 690 | | | | | | | | | | | | | | | | | | |
| TRG 632/C | 160 MR2 | 10,5 | 11 | 2900 | 88 | | | | | | 740 | 740 | 735 | 725 | 710 | 690 | 670 | 625 | 580 | | | | | | | | | | | | | | | |
| TRG 631/A | 132 MB2 | 8,5 | 9 | 2900 | 88 | | | | | | | 780 | 780 | 780 | | | | | | | | | | | | | | | | | | | | |
| TRG 631/B | 160 MR2 | 10,5 | 11 | 2900 | 89 | | | | | | | 780 | 780 | 780 | 775 | 755 | 730 | | | | | | | | | | | | | | | | | |
| TRG 712/A | 160 M2 | 14,5 | 15 | 2900 | 90 | | | | | | | | | 890 | 890 | 890 | 885 | 865 | | | | | | | | | | | | | | | | |
| TRG 712/B | 160 L2 | 18 | 18,5 | 2950 | 90 | | | | | | | | | 890 | 890 | 890 | 885 | 865 | 845 | 805 | 760 | | | | | | | | | | | | | |
| TRG 711/A | 160 L2 | 18,1 | 18,5 | 2950 | 90 | | | | | | | | | | 970 | 970 | 965 | 955 | 940 | | | | | | | | | | | | | | | |
| TRG 711/B | 180 M2 | 21 | 22 | 2950 | 92 | | | | | | | | | | 970 | 970 | 965 | 955 | 940 | 915 | 885 | 830 | | | | | | | | | | | | |
| TRG 802/A | 180 M2 | 21 | 22 | 2950 | 93 | | | | | | | | | | | | 1100 | 1100 | 1095 | | | | | | | | | | | | | | | |
| TRG 802/B | 200 LR2 | 28,5 | 30 | 2950 | 93 | | | | | | | | | | | | 1100 | 1100 | 1095 | 1090 | 1080 | 1045 | | | | | | | | | | | | |
| TRG 802/C | 200 L2 | 35 | 37 | 2950 | 93 | | | | | | | | | | | | 1100 | 1100 | 1095 | 1090 | 1080 | 1045 | 1015 | 950 | 890 | | | | | | | | | |
| TRG 801/A | 200 LR2 | 28 | 30 | 2950 | 93 | | | | | | | | | | | | | 1210 | 1205 | 1185 | 1160 | | | | | | | | | | | | | |
| TRG 801/B | 200 L2 | 35 | 37 | 2950 | 93 | | | | | | | | | | | | | 1210 | 1205 | 1185 | 1160 | 1140 | 1100 | 1030 | | | | | | | | | | |
| TRG 801/C | 225 M2 | 43 | 45 | 2950 | 93 | | | | | | | | | | | | | 1210 | 1205 | 1185 | 1160 | 1140 | 1100 | 1030 | 970 | 920 | | | | | | | | |
| TRG 902/A | 225 M2 | 42 | 45 | 2950 | 94 | | | | | | | | | | | | | | | 1370 | 1370 | 1370 | 1350 | | | | | | | | | | | |
| TRG 902/B | 250 M2 | 53 | 55 | 2950 | 94 | | | | | | | | | | | | | | | 1370 | 1370 | 1370 | 1350 | 1320 | 1300 | 1240 | | | | | | | | |
| TRG 902/C | 280 S2 | 72 | 75 | 2950 | 94 | | | | | | | | | | | | | | | 1370 | 1370 | 1370 | 1350 | 1320 | 1300 | 1240 | 1170 | 1100 | 1010 | | | | | |
| TRG 901/A | 250 M2 | 53 | 55 | 2950 | 95 | | | | | | | | | | | | | | | | 1460 | 1460 | 1460 | 1440 | | | | | | | | | | |
| TRG 901/B | 280 S2 | 73 | 75 | 2950 | 95 | | | | | | | | | | | | | | | | 1460 | 1460 | 1460 | 1440 | 1410 | 1370 | 1310 | 1220 | | | | | | |
| TRG 1002/A | 280 M2 | 86 | 90 | 2950 | 96 | | | | | | | | | | | | | | | | | | 1660 | 1660 | 1650 | 1640 | 1625 | | | | | | | |
| TRG 1002/B | 315 S2 | 105 | 110 | 2950 | 97 | | | | | | | | | | | | | | | | | | 1660 | 1660 | 1650 | 1640 | 1625 | 1600 | 1525 | | | | | |
| TRG 1002/C | 315 M2 | 128 | 132 | 2980 | 97 | | | | | | | | | | | | | | | | | | 1660 | 1660 | 1650 | 1640 | 1625 | 1600 | 1525 | 1450 | 1375 | | | |
| TRG 1001/A | 315 S2 | 105 | 110 | 2980 | 98 | | | | | | | | | | | | | | | | | | | 1750 | 1750 | 1740 | 1730 | 1710 | | | | | | |
| TRG 1001/B | 315 M2 | 127 | 132 | 2980 | 98 | | | | | | | | | | | | | | | | | | | 1750 | 1750 | 1740 | 1730 | 1710 | 1660 | 1580 | | | | |
| TRG 1001/C | 315 MG2 | 153 | 160 | 2980 | 98 | | | | | | | | | | | | | | | | | | | 1750 | 1750 | 1740 | 1730 | 1710 | 1660 | 1580 | 1480 | 1400 | 1300 | |
| TRG 1122/A | 315 MG2 | 155 | 160 | 2980 | 99 | | | | | | | | | | | | | | | | | | | | | 1900 | 1900 | 1890 | 1870 | 1840 | | | | |
| TRG 1122/B | 315 MK2 | 192 | 200 | 2980 | 99 | | | | | | | | | | | | | | | | | | | | | 1900 | 1900 | 1890 | 1870 | 1840 | 1800 | 1750 | 1680 | |
| TRG 1122/C | 355 LB2 | 220 | 250 | 2980 | 99 | | | | | | | | | | | | | | | | | | | | | 1900 | 1900 | 1890 | 1870 | 1840 | 1800 | 1750 | 1680 | 1580 | 1450 |
| TRG 1121/A | 315 MK2 | 193 | 200 | 2980 | 100 | | | | | | | | | | | | | | | | | | | | | | 2000 | 2000 | 2000 | 1975 | 1950 | 1910 | | |
| TRG 1121/B | 355 LB2 | 220 | 225 | 2980 | 100 | | | | | | | | | | | | | | | | | | | | | | 2000 | 2000 | 2000 | 1975 | 1950 | 1910 | 1880 | 1800 |
| TRG 801/D | 132 SA4 | 5 | 5,5 | 1450 | 78 | | | | | | 315 | 310 | 305 | 300 | 295 | 290 | 280 | 270 | 260 | | | | | | | | | | | | | | | |
| TRG 902/D | 132 MA4 | 6,8 | 7,5 | 1450 | 79 | | | | | | | | 360 | 355 | 350 | 345 | 340 | 330 | 315 | 305 | 290 | | | | | | | | | | | | | |
| TRG 901/C | 132 MA4 | 7 | 7,5 | 1450 | 81 | | | | | | | | | 395 | 395 | 390 | 385 | 375 | 360 | 345 | | | | | | | | | | | | | | |
| TRG 1002/D | 160 M4 | 10 | 11 | 1450 | 81 | | | | | | | | | | 450 | 445 | 440 | 435 | 430 | 415 | 400 | 380 | 360 | | | | | | | | | | | |
| TRG 1001/D | 160 L4 | 14 | 15 | 1450 | 82 | | | | | | | | | | | 490 | 490 | 485 | 480 | 470 | 460 | 450 | 435 | 410 | | | | | | | | | | |
| TRG 1122/D | 180 L4 | 20 | 22 | 1450 | 83 | | | | | | | | | | | | | 560 | 560 | 555 | 550 | 545 | 540 | 520 | 500 | 475 | | | | | | | | |
| TRG 1121/D | 200 L4 | 28 | 30 | 1450 | 84 | | | | | | | | | | | | | | 620 | 620 | 620 | 615 | 605 | 590 | 570 | 550 | 520 | 490 | | | | | | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = x 9,807

## SERIES TRH SPECIFICATIONS IN DISCHARGE STAGE

| Type | | *kW ass. | kW inst. | n. min.-1 | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | | | | | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 355 | 400 | 450 | 500 | 560 | 630 | 710 | 800 | | | | | |
| | | | | | | Pt = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRH 561/A | 132 MB2 | 8,5 | 9 | 2900 | 85 | | | | | | | 600 | 590 | 575 | 560 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRH 561/B | 160 MR2 | 10,5 | 11 | 2900 | 86 | | | | | | | 600 | 590 | 575 | 560 | 545 | 510 | 480 | 430 | 385 | | | | | | | | | | | | | | | | | | | |
| TRH 632/A | 160 M2 | 14,5 | 15 | 2900 | 89 | | | | | | | | | 710 | 705 | 695 | 675 | 660 | 630 | | | | | | | | | | | | | | | | | | | |
| TRH 632/B | 160 L2 | 18 | 18,5 | 2900 | 90 | | | | | | | | | 710 | 705 | 695 | 675 | 660 | 630 | 590 | 550 | | | | | | | | | | | | | | | | | |
| TRH 631/A | 160 M2 | 14,5 | 15 | 2900 | 90 | | | | | | | | | | 760 | 750 | 735 | | | | | | | | | | | | | | | | | | | | | |
| TRH 631/B | 160 L2 | 18 | 18,5 | 2950 | 90 | | | | | | | | | | 760 | 750 | 735 | 720 | 690 | 660 | | | | | | | | | | | | | | | | | | | |
| TRH 631/C | 180 M2 | 21 | 22 | 2950 | 91 | | | | | | | | | | 760 | 750 | 735 | 720 | 690 | 660 | 610 | 560 | 490 | | | | | | | | | | | | | | | |
| TRH 712/A | 200 LR2 | 28 | 30 | 2950 | 93 | | | | | | | | | | | | | 870 | 860 | 850 | 820 | 780 | 740 | 680 | | | | | | | | | | | | | | |
| TRH 711/A | 200 LR2 | 28 | 30 | 2950 | 93 | | | | | | | | | | | | | 970 | 960 | 950 | 920 | | | | | | | | | | | | | | | | | |
| TRH 711/B | 200 L2 | 35 | 37 | 2950 | 93 | | | | | | | | | | | | | 970 | 960 | 950 | 920 | 880 | 840 | 770 | 700 | 600 | | | | | | | | | | | | |
| TRH 802/A | 225 M2 | 42 | 45 | 2950 | 93 | | | | | | | | | | | | | | | | 1150 | 1120 | 1090 | | | | | | | | | | | | | | | |
| TRH 802/B | 250 M2 | 53 | 55 | 2950 | 94 | | | | | | | | | | | | | | | | 1150 | 1120 | 1090 | 1060 | 1000 | 950 | 870 | | | | | | | | | | | |
| TRH 801/A | 250 M2 | 53 | 55 | 2950 | 94 | | | | | | | | | | | | | | | | 1250 | 1230 | 1200 | 1180 | 1130 | | | | | | | | | | | | | |
| TRH 801/B | 280 S2 | 72 | 75 | 2950 | 95 | | | | | | | | | | | | | | | | 1250 | 1230 | 1200 | 1180 | 1130 | 1100 | 1030 | 900 | 800 | | | | | | | | | |
| TRH 902/A | 280 M2 | 86 | 90 | 2950 | 96 | | | | | | | | | | | | | | | | | | | 1430 | 1430 | 1400 | 1330 | 1270 | 1180 | | | | | | | | | |
| TRH 901/A | 280 M2 | 86 | 90 | 2950 | 96 | | | | | | | | | | | | | | | | | | | 1570 | 1560 | 1520 | 1480 | | | | | | | | | | | |
| TRH 901/B | 315 S2 | 105 | 110 | 2950 | 97 | | | | | | | | | | | | | | | | | | | 1570 | 1560 | 1520 | 1480 | 1420 | 1360 | 1250 | 1170 | 1040 | | | | | | |
| TRH 1003/A | 315 MG2 | 153 | 160 | 2950 | 98 | | | | | | | | | | | | | | | | | | | | | | 1605 | 1600 | 1560 | 1500 | 1410 | 1330 | 1200 | 1070 | | | |
| TRH 1002/A | 315 MG2 | 154 | 160 | 2950 | 98 | | | | | | | | | | | | | | | | | | | | | | 1725 | 1720 | 1670 | 1610 | 1550 | 1470 | 1350 | | | | |
| TRH 1001/A | 315 MG2 | 153 | 160 | 2950 | 99 | | | | | | | | | | | | | | | | | | | | | | 1960 | 1950 | 1900 | | | | | | | | |
| TRH 1001/B | 315 MK2 | 192 | 200 | 2950 | 99 | | | | | | | | | | | | | | | | | | | | | | 1960 | 1950 | 1900 | 1840 | 1780 | 1700 | 1560 | 1390 | 1150 | | |
| TRH 631/D | 100 LB4 | 2,8 | 3 | 1430 | 75 | 180 | 180 | 180 | 178 | 175 | 170 | 167 | 160 | 150 | 140 | 128 | 112 | | | | | | | | | | | | | | | | | | | | | |
| TRH 712/B | 112 M4 | 3,9 | 4 | 1430 | 76 | | | 215 | 215 | 215 | 210 | 205 | 200 | 195 | 190 | 180 | 170 | 155 | | | | | | | | | | | | | | | | | | | |
| TRH 711/C | 132 SA4 | 5 | 5,5 | 1440 | 76 | | | 235 | 235 | 235 | 230 | 225 | 220 | 215 | 210 | 205 | 195 | 185 | 170 | 150 | | | | | | | | | | | | | | | | | |
| TRH 802/C | 132 MA4 | 7 | 7,5 | 1450 | 76 | | | | | 290 | 290 | 285 | 280 | 275 | 270 | 265 | 255 | 245 | 235 | 220 | 200 | | | | | | | | | | | | | | | | |
| TRH 801/C | 160 M4 | 9,5 | 11 | 1450 | 77 | | | | | 310 | 310 | 310 | 305 | 300 | 295 | 290 | 285 | 280 | 270 | 255 | 235 | 210 | 195 | | | | | | | | | | | | | | |
| TRH 902/B | 160 M4 | 10,5 | 11 | 1450 | 78 | | | | | | | 385 | 385 | 380 | 375 | 365 | 360 | 350 | 335 | 325 | 305 | 285 | 265 | | | | | | | | | | | | | | |
| TRH 901/C | 160 L4 | 14 | 15 | 1460 | 80 | | | | | | | 420 | 420 | 415 | 410 | 400 | 390 | 380 | 370 | 355 | 345 | 325 | 305 | 280 | 255 | | | | | | | | | | | | |
| TRH 1003/B | 180 M4 | 17,5 | 18,5 | 1460 | 82 | | | | | | | | | 430 | 425 | 425 | 420 | 410 | 400 | 390 | 380 | 370 | 360 | 340 | 320 | 300 | | | | | | | | | | | |
| TRH 1002/B | 180 L4 | 21 | 22 | 1460 | 83 | | | | | | | | | 460 | 460 | 455 | 450 | 448 | 445 | 435 | 425 | 410 | 395 | 380 | 365 | 345 | 315 | | | | | | | | | | |
| TRH 1001/C | 200 L4 | 28 | 30 | 1460 | 84 | | | | | | | | | 495 | 495 | 495 | 495 | 490 | 485 | 480 | 470 | 455 | 445 | 430 | 410 | 390 | 370 | 330 | | | | | | | | | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

Pa (Pascal) = x 9,807

## SERIES TRH SPECIFICATIONS IN SUCTION STAGE

| Type | | *kW ass. | kW inst. | n. min.-1 | Lp dB/A | V = m³/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 28 | 31 | 35 | 40 | 45 | 50 | 56 | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 355 | 400 | 450 | 500 | 560 | 630 | 710 | 800 |
| Fan | Motor | | | | | Pt = mmH₂O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRH 561/A | 132 MB2 | 8,5 | 9 | 2900 | 87 | | | | | | | 570 | 565 | 555 | 545 | | | | | | | | | | | | | | | | | | | | | |
| TRH 561/B | 160 MR2 | 10,5 | 11 | 2900 | 88 | | | | | | | 570 | 565 | 555 | 545 | 530 | 500 | 475 | 435 | 395 | | | | | | | | | | | | | | | | |
| TRH 632/A | 160 M2 | 14,5 | 15 | 2900 | 91 | | | | | | | | | 660 | 660 | 650 | 635 | 620 | 600 | | | | | | | | | | | | | | | | | |
| TRH 632/B | 160 L2 | 18 | 18,5 | 2900 | 92 | | | | | | | | | 660 | 660 | 650 | 635 | 620 | 600 | 575 | 545 | | | | | | | | | | | | | | | |
| TRH 631/A | 160 M2 | 14,5 | 15 | 2900 | 92 | | | | | | | | | | 710 | 705 | 695 | | | | | | | | | | | | | | | | | | | |
| TRH 631/B | 160 L2 | 18 | 18,5 | 2950 | 92 | | | | | | | | | | 710 | 705 | 695 | 685 | 665 | 640 | | | | | | | | | | | | | | | | | |
| TRH 631/C | 180 M2 | 21 | 22 | 2950 | 93 | | | | | | | | | | 710 | 705 | 695 | 685 | 665 | 640 | 600 | 560 | 500 | | | | | | | | | | | | | | |
| TRH 712/A | 200 LR2 | 28 | 30 | 2950 | 95 | | | | | | | | | | | | | 800 | 790 | 780 | 760 | 730 | 700 | 655 | | | | | | | | | | | | |
| TRH 711/A | 200 LR2 | 28 | 30 | 2950 | 95 | | | | | | | | | | | | | 880 | 870 | 860 | 845 | | | | | | | | | | | | | | | |
| TRH 711/B | 200 L2 | 35 | 37 | 2950 | 95 | | | | | | | | | | | | | 880 | 870 | 860 | 845 | 810 | 780 | 720 | 660 | 580 | | | | | | | | | | |
| TRH 802/A | 225 M2 | 42 | 45 | 2950 | 95 | | | | | | | | | | | | | | | | 1025 | 1000 | 975 | | | | | | | | | | | | | |
| TRH 802/B | 250 M2 | 53 | 55 | 2950 | 96 | | | | | | | | | | | | | | | | 1025 | 1000 | 975 | 950 | 910 | 870 | 825 | | | | | | | | | |
| TRH 801/A | 250 M2 | 53 | 55 | 2950 | 96 | | | | | | | | | | | | | | | | 1100 | 1090 | 1070 | 1050 | 1010 | | | | | | | | | | | |
| TRH 801/B | 280 S2 | 72 | 75 | 2950 | 97 | | | | | | | | | | | | | | | | 1100 | 1090 | 1070 | 1050 | 1010 | 970 | 920 | 850 | 740 | | | | | | | |
| TRH 902/A | 280 M2 | 86 | 90 | 2950 | 98 | | | | | | | | | | | | | | | | | | | 1220 | 1220 | 1210 | 1160 | 1110 | 1050 | | | | | | | |
| TRH 901/A | 280 M2 | 86 | 90 | 2950 | 98 | | | | | | | | | | | | | | | | | | | 1330 | 1320 | 1308 | 1280 | | | | | | | | | |
| TRH 901/B | 315 S2 | 105 | 110 | 2950 | 99 | | | | | | | | | | | | | | | | | | | 1330 | 1320 | 1308 | 1280 | 1240 | 1190 | 1120 | 1040 | 940 | | | | |
| TRH 1003/A | 315 MG2 | 153 | 160 | 2950 | 100 | | | | | | | | | | | | | | | | | | | | | | 1350 | 1350 | 1330 | 1280 | 1210 | 1140 | 1040 | 940 | | |
| TRH 1002/A | 315 MG2 | 154 | 160 | 2950 | 100 | | | | | | | | | | | | | | | | | | | | | | 1430 | 1430 | 1400 | 1365 | 1320 | 1255 | 1170 | | | |
| TRH 1001/A | 315 MG2 | 153 | 160 | 2950 | 101 | | | | | | | | | | | | | | | | | | | | | | 1720 | 1700 | 1650 | | | | | | | |
| TRH 1001/B | 315 MK2 | 192 | 200 | 2950 | 101 | | | | | | | | | | | | | | | | | | | | | | 1720 | 1700 | 1650 | 1600 | 1550 | 1460 | 1350 | 1240 | 1040 | |
| TRH 631/D | 100 LB4 | 2,8 | 3 | 1430 | 77 | 175 | 175 | 175 | 172 | 170 | 166 | 162 | 158 | 150 | 145 | 122 | 110 | | | | | | | | | | | | | | | | | | | |
| TRH 712/B | 112 M4 | 3,9 | 4 | 1430 | 78 | | | 208 | 208 | 205 | 202 | 200 | 195 | 190 | 180 | 170 | 162 | 150 | | | | | | | | | | | | | | | | | | |
| TRH 711/C | 132 SA4 | 5 | 5,5 | 1440 | 78 | | | 228 | 228 | 226 | 225 | 222 | 220 | 215 | 208 | 200 | 190 | 178 | 162 | 150 | | | | | | | | | | | | | | | | |
| TRH 802/C | 132 MA4 | 7 | 7,5 | 1450 | 78 | | | | | 280 | 280 | 278 | 275 | 270 | 265 | 260 | 250 | 240 | 230 | 215 | 200 | | | | | | | | | | | | | | | |
| TRH 801/C | 160 M4 | 9,5 | 11 | 1450 | 79 | | | | | 305 | 305 | 305 | 300 | 300 | 290 | 285 | 280 | 275 | 260 | 250 | 230 | 210 | 195 | | | | | | | | | | | | | |
| TRH 902/B | 160 M4 | 10,5 | 11 | 1450 | 80 | | | | | | | 375 | 375 | 370 | 365 | 360 | 355 | 345 | 330 | 320 | 300 | 280 | 260 | | | | | | | | | | | | | |
| TRH 901/C | 160 L4 | 14 | 15 | 1460 | 82 | | | | | | | 415 | 415 | 410 | 405 | 395 | 385 | 375 | 365 | 350 | 332 | 320 | 300 | 270 | 245 | | | | | | | | | | | |
| TRH 1003/B | 180 M4 | 17,5 | 18,5 | 1460 | 84 | | | | | | | | | 425 | 425 | 420 | 415 | 408 | 400 | 390 | 380 | 365 | 350 | 335 | 320 | 300 | | | | | | | | | | |
| TRH 1002/B | 180 L4 | 21 | 22 | 1460 | 85 | | | | | | | | | 425 | 445 | 445 | 440 | 435 | 430 | 425 | 415 | 400 | 385 | 370 | 352 | 330 | 310 | | | | | | | | | |
| TRH 1001/C | 200 L4 | 28 | 30 | 1460 | 86 | | | | | | | | | 475 | 475 | 475 | 470 | 468 | 462 | 455 | 450 | 440 | 430 | 415 | 395 | 375 | 350 | 320 | | | | | | | | |

Capacity tolerance ± 5 %

* KW absorbed by fan at maximum capacity

Noise level tolerance + 3 dB

**Pa (Pascal) =mmH₂O x 9,807**

## SERIES TRF OVERALL DIMENSIONS AND WEIGHTS

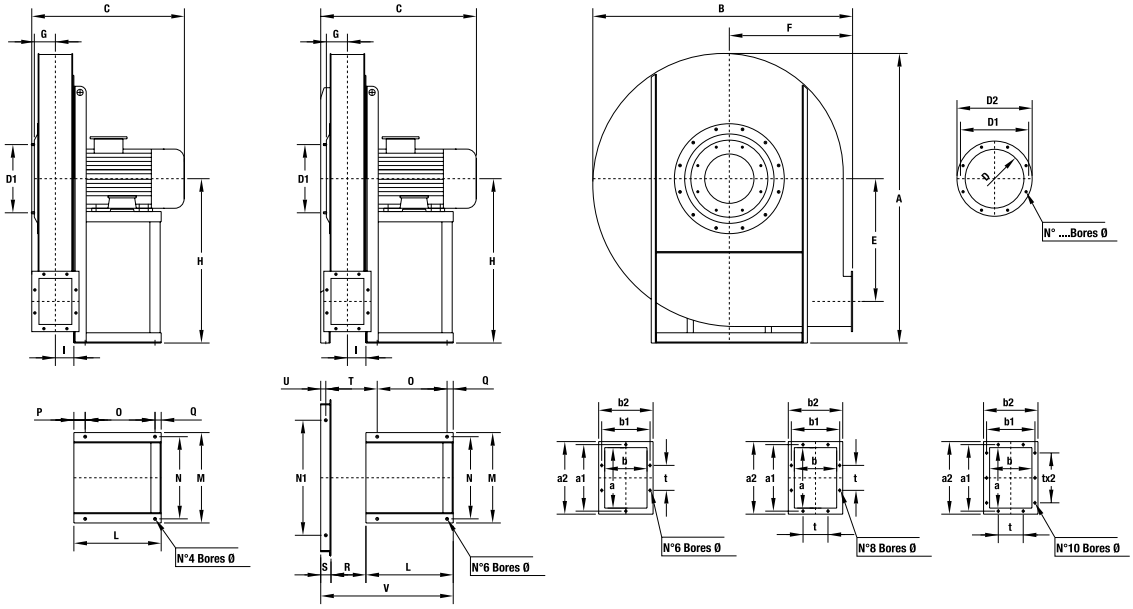
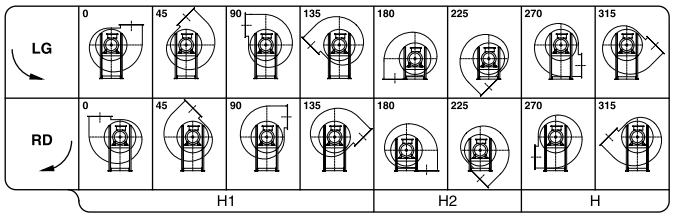



**Table of discharge positions**




**631 – 901**
**The fan is revolvable**

**1002 – 1121**
**The fan is not revolvable**

| Type | | Fan | | | | | | | | | Base | | | | | | | | | | | | Inlet flange | | | | | Outlet flange | | | | | | | | Weight | PD² GD² |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | A | B | C | E | F | G | H | $H_1$ | $H_2$ | I | L | M | N | $N_1$ | O | P | Q | R | S | T | U | V | ø | D | $D_1$ | $D_2$ | N° | ø | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | t | N° | ø | Kg | Kg m² |
| TRF 631/A | 112 M2 | 990 | 900 | 505 | 420 | 425 | 71 | 560 | 560 | 560 | 63 | 260 | 332 | 300 | - | 200 | 35 | 25 | - | - | - | - | - | 12 | 205 | 241 | 275 | 8 | 11,5 | 160 | 112 | 200 | 153 | 230 | 182 | 112 | 6 | 11,5 | 75 | 3 |
| TRF 631/B | 132 SA2 | | | 560 | | | | | | | | 320 | 392 | 360 | - | 250 | 45 | | | | | | | | | | | | | | | | | | | | | 80 | |
| TRF 712/A | 132 SA2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 110 | |
| TRF 712/B | 132 SB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 110 | 5 |
| TRF 712/C | 132 MB2 | 1120 | 1010 | 590 | 470 | 475 | 80 | 630 | 630 | 630 | 69 | 320 | 392 | 360 | - | 250 | 45 | 25 | - | - | - | - | - | 12 | 229 | 265 | 299 | 8 | 11,5 | 180 | 125 | 219 | 167 | 250 | 195 | 112 | 6 | 11,5 | 110 | |
| TRF 711/A | 132 SB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 112 | |
| TRF 711/B | 132 MB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 112 | 5,6 |
| TRF 711/C | 160 MR2 | | | 725 | | | | | | | | 425 | 440 | 400 | | 340 | 55 | 30 | | | | | | 14 | | | | | | | | | | | | | | 130 | |
| TRF 802/A | 132 MB2 | | | 605 | | | | | | | | 320 | 392 | 360 | | 250 | 45 | 25 | | | | | | 12 | | | | | | | | | | | | | | 175 | |
| TRF 802/B | 160 MR2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 215 | 8,5 |
| TRF 802/C | 160 M2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 215 | |
| TRF 801/A | 160 MR2 | 1250 | 1120 | 740 | 530 | 530 | 90 | 710 | 710 | 710 | 78 | 425 | 440 | 400 | - | 340 | 55 | 30 | - | - | - | - | - | 14 | 255 | 292 | 325 | 8 | 11,5 | 200 | 140 | 241 | 182 | 270 | 210 | 112 | 8 | 11,5 | 220 | |
| TRF 801/B | 160 M2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 220 | 9,5 |
| TRF 801/C | 160 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 220 | |
| TRF 801/D | 100 LB4 | | | 540 | | | | | | | | 260 | 332 | 300 | | 200 | 35 | 25 | | | | | | 12 | | | | | | | | | | | | | | 168 | |
| TRF 902/A | 160 L2 | | | | | | | | | | | 425 | 440 | 400 | | 340 | 55 | 30 | | | | | | | | | | | | | | | | | | | | 285 | |
| TRF 902/B | 180 M2 | | | 760 | | | | | | | | 470 | 500 | 450 | | 370 | 65 | 35 | | | | | | 14 | | | | | | | | | | | | | | 298 | 14 |
| TRF 902/C | 200 LR2 | | | 835 | | | | | | | | 500 | 570 | 510 | | 385 | 75 | 40 | | | | | | 16 | | | | | | | | | | | | | | 320 | |
| TRF 902/D | 112 M4 | | | 560 | | | | | | | | 260 | 332 | 300 | | 200 | 35 | 25 | | | | | | 12 | | | | | | | | | | | | | | 262 | |
| TRF 901/A | 160 L2 | 1410 | 1265 | 760 | 598 | 600 | 105 | 800 | 710 | 710 | 90 | 425 | 440 | 400 | - | 340 | 55 | 30 | - | - | - | - | - | 14 | 286 | 332 | 386 | 8 | 11,5 | 224 | 160 | 265 | 200 | 294 | 230 | 112 | 8 | 11,5 | 291 | |
| TRF 901/B | 180 M2 | | | | | | | | | | | 470 | 500 | 450 | | 370 | 65 | 35 | | | | | | | | | | | | | | | | | | | | 304 | 18 |
| TRF 901/C | 200 LR2 | | | 835 | | | | | | | | 500 | 570 | 510 | | 385 | 75 | 40 | | | | | | 16 | | | | | | | | | | | | | | 325 | |
| TRF 901/D | 200 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 325 | |
| TRF 901/E | 132 SA4 | | | 625 | | | | | | | | 320 | 392 | 360 | | 250 | 45 | 25 | | | | | | 12 | | | | | | | | | | | | | | 278 | |
| TRF 1002/A | 200 LR2 | | | 870 | | | | | | | | 500 | 570 | 510 | | 385 | | 40 | | | 300 | | 755 | 16 | | | | | | | | | | | | | | 405 | |
| TRF 1002/B | 200 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 405 | 24 |
| TRF 1002/C | 225 M2 | | | 945 | | | | | | | | 550 | 626 | 565 | | 425 | | | | | 310 | | 805 | 19 | | | | | | | | | | | | | | 430 | |
| TRF 1002/D | 132 MA4 | | | 660 | | | | | | | | 320 | 392 | 360 | | 250 | | 25 | | | 270 | | 575 | 12 | | | | | | | | | | | | | | 365 | |
| TRF 1001/A | 200 L2 | 1570 | 1410 | 870 | 675 | 670 | 115 | 900 | 800 | 670 | 101 | 500 | 570 | 510 | 630 | 385 | - | 40 | 195 | 60 | 300 | 30 | 755 | 16 | 321 | 366 | 401 | 8 | 11,5 | 250 | 180 | 292 | 219 | 320 | 250 | 112 | 10 | 11,5 | 425 | |
| TRF 1001/B | 225 M2 | | | | | | | | | | | 550 | 626 | 565 | | 425 | | 40 | | | 310 | | 805 | 19 | | | | | | | | | | | | | | 450 | 30 |
| TRF 1001/C | 250 M2 | | | 945 | | | | | | | | 600 | 686 | 615 | | 460 | | 45 | | | 320 | | 855 | 21 | | | | | | | | | | | | | | 465 | |
| TRF 1001/D | 160 M4 | | | 795 | | | | | | | | 425 | 440 | 400 | | 340 | | 30 | | | 280 | | 680 | 14 | | | | | | | | | | | | | | 410 | |
| TRF 1122/A | 280 S2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 595 | |
| TRF 1122/B | 280 M2 | | | 1120 | | | | | | | | 700 | 760 | 680 | | 550 | | 50 | | | 370 | | 950 | 21 | | | | | | | | | | | | | | 595 | 37 |
| TRF 1122/C | 315 S2 | | | | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 380 | | 1020 | 24 | | | | | | | | | | | | | | 730 | |
| TRF 1122/D | 160 L4 | | | 840 | | | | | | | | 425 | 440 | 400 | | 340 | | 30 | | | 325 | | 725 | 14 | | | | | | | | | | | | | | 515 | |
| TRF 1121/A | 280 M2 | 1780 | 1600 | | 742 | 750 | 136 | 1000 | 900 | 750 | 124 | 700 | 760 | 680 | 710 | 550 | - | 50 | 240 | 60 | 370 | 30 | 950 | 21 | 361 | 405 | 441 | 8 | 11,5 | 315 | 224 | 366 | 273 | 395 | 304 | 125 | 10 | 11,5 | 610 | |
| TRF 1121/B | 315 S2 | | | 1120 | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 380 | | 1020 | 24 | | | | | | | | | | | | | | 745 | 48 |
| TRF 1121/C | 315 M2 | | | 1265 | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 380 | | 1070 | 24 | | | | | | | | | | | | | | 745 | |
| TRF 1121/D | 180 M4 | | | 840 | | | | | | | | 470 | 500 | 450 | | 370 | | 35 | | | 335 | | 770 | 14 | | | | | | | | | | | | | | 585 | |

The above date are unbinding

Fan weight in kg (without motor)

# SERIES TRG OVERALL DIMENSIONS AND WEIGHTS

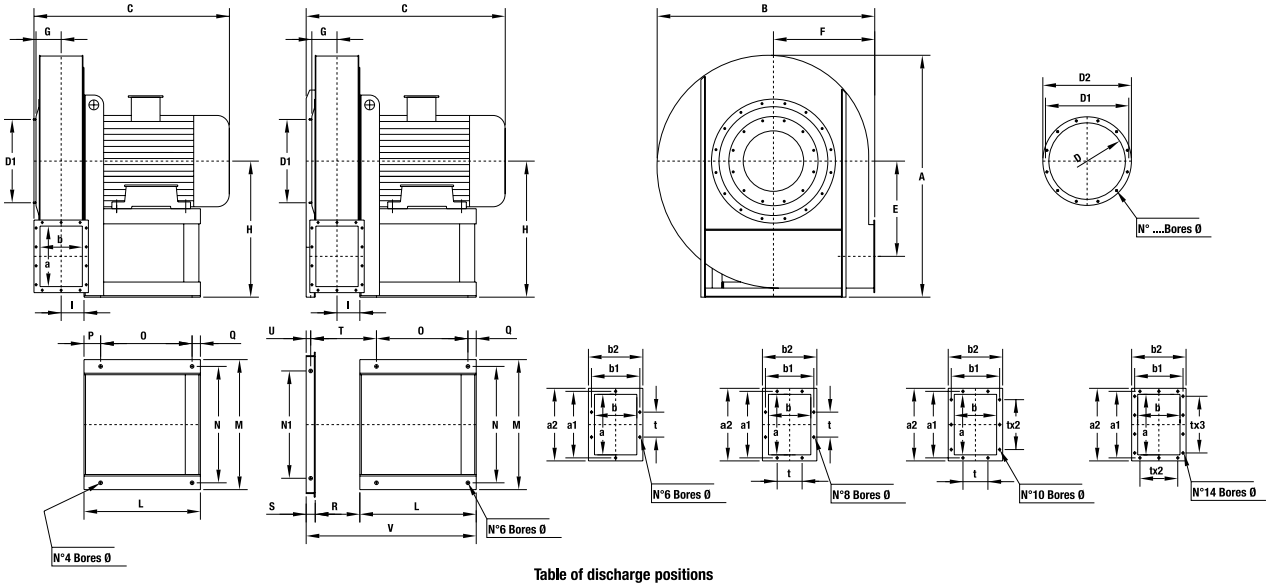
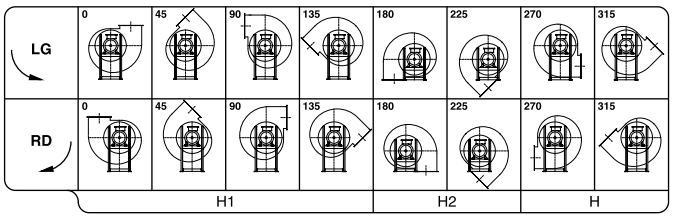



**Table of discharge positions**




**501 – 901**
**The fan is revolvable**

**1002 – 1121**
**The fan is not revolvable**

| Type | | Fan | | | | | | | | | Base | | | | | | | | | | | | Inlet flange | | | | | Outlet flange | | | | | | | | | Weight | PD²/GD² |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | A | B | C | E | F | G | H | $H_1$ | $H_2$ | I | L | M | N | $N_1$ | O | P | Q | R | S | T | U | V | ø | D | $D_1$ | $D_2$ | N° | ø | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | t | N° | ø | Kg | Kg m² |
| TRG 501/A | 100 LA2 | 800 | 735 | 500 | 310 | 355 | 77 | 450 | 450 | 355 | 69 | 260 | 332 | 300 | - | 200 | 35 | 25 | - | - | - | - | - | 12 | 205 | 241 | 275 | 8 | 11,5 | 180 | 125 | 219 | 167 | 250 | 195 | 112 | 6 | 11,5 | 48 | 1,5 |
| TRG 501/B | 112 M2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| TRG 562/A | 132 SA2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 1,9 |
| TRG 561/A | 132 SA2 | 895 | 830 | 595 | 350 | 400 | 87 | 500 | 500 | 400 | 77 | 320 | 392 | 360 | - | 250 | 45 | 25 | - | - | - | - | - | 12 | 229 | 265 | 299 | 8 | 11,5 | 200 | 140 | 241 | 182 | 270 | 210 | 112 | 8 | 11,5 | 62 | 2,2 |
| TRG 561/B | 132 SB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | |
| TRG 632/A | 132 SB2 | | | 610 | | | | | | | | 320 | 392 | 360 | | 250 | 45 | 25 | | | | | | 12 | | | | | | | | | | | | | | | 80 | 2,9 |
| TRG 632/B | 132 MB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | |
| TRG 632/C | 160 MR2 | 990 | 900 | 750 | 388 | 425 | 100 | 560 | 560 | 425 | 87 | 425 | 440 | 400 | - | 340 | 55 | 30 | - | - | - | - | - | 14 | 255 | 292 | 325 | 8 | 11,5 | 224 | 160 | 265 | 200 | 294 | 230 | 112 | 8 | 11,5 | 103 | |
| TRG 631/A | 132 MB2 | | | 610 | | | | | | | | 320 | 392 | 360 | | 250 | 45 | 25 | | | | | | 12 | | | | | | | | | | | | | | | 85 | 3,5 |
| TRG 631/B | 160 MR2 | | | 750 | | | | | | | | 425 | 440 | 400 | | 340 | 55 | 30 | | | | | | 14 | | | | | | | | | | | | | | | 110 | |
| TRG 712/A | 160 M2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 160 | 5,5 |
| TRG 712/B | 160 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 160 | |
| TRG 711/A | 160 L2 | 1115 | 1005 | 780 | 435 | 475 | 110 | 630 | 630 | 475 | 97 | 425 | 440 | 400 | - | 340 | 55 | 30 | - | - | - | - | - | 14 | 286 | 332 | 366 | 8 | 11,5 | 250 | 180 | 292 | 219 | 320 | 250 | 112 | 10 | 11,5 | 168 | 6,2 |
| TRG 711/B | 180 M2 | | | 850 | | | | | | | | 470 | 500 | 450 | | 370 | 65 | 35 | | | | | | 14 | | | | | | | | | | | | | | | 188 | |
| TRG 802/A | 180 M2 | | | 800 | | | | | | | | 470 | 500 | 450 | | 370 | 65 | 35 | | | | | | 14 | | | | | | | | | | | | | | | 242 | 9 |
| TRG 802/B | 200 LR2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 270 | |
| TRG 802/C | 200 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 270 | |
| TRG 801/A | 200 LR2 | 1250 | 1120 | 875 | 490 | 530 | 120 | 710 | 710 | 530 | 108 | 500 | 570 | 510 | - | 385 | 75 | 40 | - | - | - | - | - | 16 | 321 | 366 | 401 | 8 | 11,5 | 280 | 200 | 332 | 249 | 360 | 280 | 125 | 10 | 11,5 | 280 | 11 |
| TRG 801/B | 200 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 280 | |
| TRG 801/C | 225 M2 | | | 960 | | | | | | | | 550 | 626 | 565 | | 425 | 85 | 40 | | | | | | 19 | | | | | | | | | | | | | | | 298 | |
| TRG 801/D | 132 SM | | | 665 | | | | | | | | 320 | 392 | 360 | | 250 | 45 | 25 | | | | | | 12 | | | | | | | | | | | | | | | 221 | |
| TRG 902/A | 225 M2 | | | 960 | | | | | | | | 550 | 626 | 565 | | 425 | 85 | 40 | | | | | | 19 | | | | | | | | | | | | | | | 350 | 15 |
| TRG 902/B | 250 M2 | | | 990 | | | | | | | | 600 | 686 | 615 | | 460 | 95 | 45 | | | | | | 21 | | | | | | | | | | | | | | | 385 | |
| TRG 902/C | 280 S2 | | | 1120 | | | | | | | | 700 | 760 | 680 | | 550 | 100 | 50 | | | | | | | | | | | | | | | | | | | 402 | |
| TRG 902/D | 132 MA4 | 1410 | 1265 | 700 | 552 | 600 | 135 | 800 | 710 | 600 | 122 | 320 | 392 | 360 | - | 250 | 45 | 25 | - | - | - | - | - | 12 | 361 | 405 | 441 | 8 | 11,5 | 315 | 224 | 366 | 273 | 395 | 304 | 125 | 10 | 11,5 | 289 | |
| TRG 901/A | 250 M2 | | | 990 | | | | | | | | 600 | 686 | 615 | | 460 | 95 | 45 | | | | | | 21 | | | | | | | | | | | | | | | 395 | |
| TRG 901/B | 280 S2 | | | 1120 | | | | | | | | 700 | 760 | 680 | | 550 | 100 | 50 | | | | | | | | | | | | | | | | | | | 412 | 19 |
| TRG 901/C | 132 MA4 | | | 700 | | | | | | | | 320 | 392 | 360 | | 250 | 45 | 25 | | | | | | 12 | | | | | | | | | | | | | | | 299 | |
| TRG 1002/A | 280 M2 | | | 1155 | | | | | | | | 700 | 760 | 680 | | 550 | | 50 | | | 395 | | 1025 | 24 | | | | | | | | | | | | | | | 442 | 26 |
| TRG 1002/B | 315 S2 | | | 1145 | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 405 | | 1045 | | | | | | | | | | | | | | | 508 | |
| TRG 1002/C | 315 M2 | | | 1290 | | | | | | | | | | | | | | | | | | | 1095 | | | | | | | | | | | | | | | 508 | |
| TRG 1002/D | 160 M4 | 1570 | 1410 | 865 | 622 | 670 | 148 | 900 | 800 | 670 | 136 | 425 | 440 | 400 | 630 | 340 | - | 30 | 265 | 60 | 350 | 30 | 750 | 14 | 406 | 448 | 486 | 12 | 11,5 | 355 | 250 | 405 | 300 | 435 | 330 | 125 | 10 | 11,5 | 392 | |
| TRG 1001/A | 315 S2 | | | 1145 | | | | | | | | | | | | | | | | | | | 1045 | | | | | | | | | | | | | | | 522 | 32 |
| TRG 1001/B | 315 M2 | | | 1290 | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 405 | | 1095 | 24 | | | | | | | | | | | | | | | 522 | |
| TRG 1001/C | 315 MG2 | | | 1290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 522 | |
| TRG 1001/D | 160 L4 | | | 865 | | | | | | | | 425 | 440 | 400 | | 340 | | 30 | | | 350 | | 750 | 14 | | | | | | | | | | | | | | | 408 | |
| TRG 1122/A | 315 MG2 | | | 1320 | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 435 | | 1125 | 24 | | | | | | | | | | | | | | | 575 | 42 |
| TRG 1122/B | 315 MK2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 575 | |
| TRG 1122/C | 355 LB2 | | | 1590 | | | | | | | | 950 | 980 | 890 | | 780 | | 60 | | | | | 1305 | | | | | | | | | | | | | | | 600 | |
| TRG 1122/D | 180 L4 | 1780 | 1600 | 970 | 700 | 750 | 168 | 1000 | 900 | 750 | 152 | 470 | 500 | 450 | 710 | 370 | - | 35 | 295 | 60 | 390 | 30 | 825 | 14 | 506 | 551 | 586 | 12 | 11,5 | 400 | 280 | 448 | 332 | 480 | 360 | 125 | 14 | 11,5 | 540 | |
| TRG 1121/A | 315 MK2 | | | 1320 | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 435 | | 1125 | 24 | | | | | | | | | | | | | | | 595 | 53 |
| TRG 1121/B | 355 LB2 | | | 1590 | | | | | | | | 950 | 980 | 890 | | 780 | | 60 | | | | | 1305 | | | | | | | | | | | | | | | 620 | |
| TRG 1121/C | 200 L4 | | | 970 | | | | | | | | 500 | 570 | 510 | | 385 | | 40 | | | 400 | | 855 | 16 | | | | | | | | | | | | | | | 540 | |

The above date are unbinding

Fan weight in kg (without motor)

## SERIES TRH OVERALL DIMENSIONS AND WEIGHTS

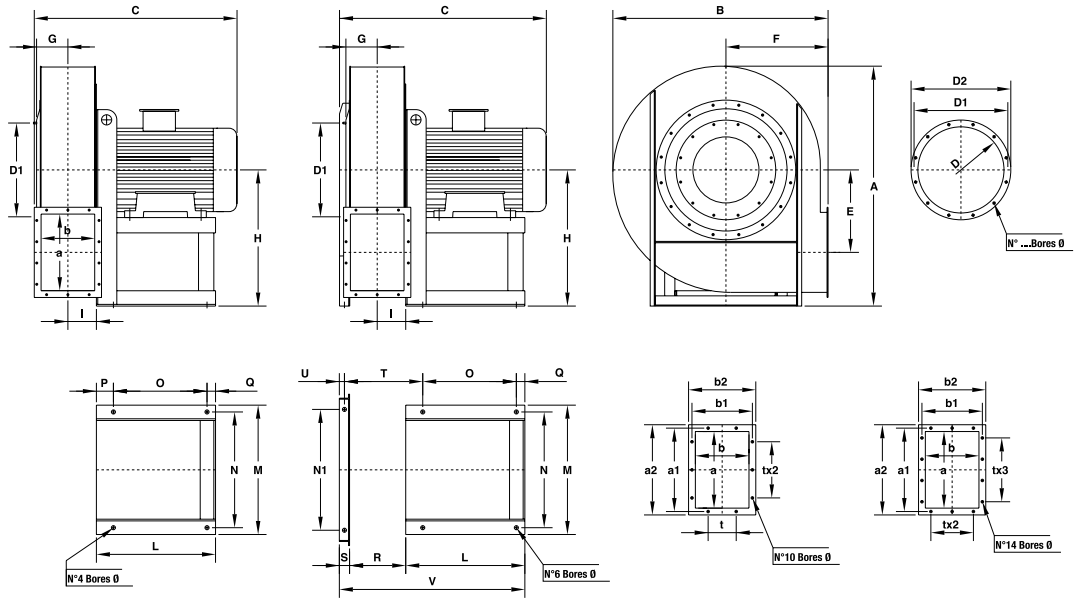
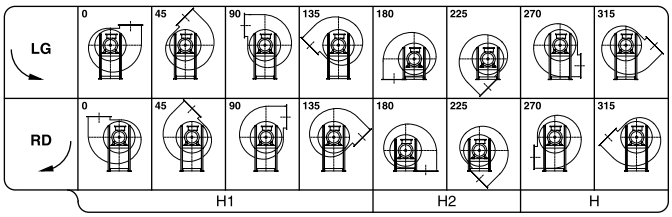



**Table of discharge positions**




**561 – 801**
**The fan is revolvable**

**902 – 1001**
**The fan is not revolvable**

| Type | | Fan | | | | | | | | | Base | | | | | | | | | | | | | Inlet flange | | | | | Outlet flange | | | | | | | | | Weight | PD² GD² |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan | Motor | A | B | C | E | F | G | H | $H_1$ | $H_2$ | I | L | M | N | $N_1$ | O | P | Q | R | S | T | U | V | ø | D | $D_1$ | $D_2$ | N° | ø | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | t | N° | ø | Kg | Kg m² |
| TRH 561/A | 132 MB2 | 895 | 830 | 650 | 314 | 400 | 120 | 500 | 500 | 400 | 107 | 320 | 392 | 360 | - | 250 | 45 | 25 | - | - | - | - | - | 12 | 286 | 332 | 366 | 8 | 11,5 | 280 | 200 | 332 | 249 | 360 | 280 | 125 | 10 | 11,5 | 75 | 2,5 |
| TRH 561/B | 160 MR2 | | | 785 | | | | | | | | 425 | 440 | 400 | | 340 | 55 | 30 | | | | | | 14 | | | | | | | | | | | | | | | 112 | |
| TRH 632/A | 160 M2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 140 | 3,2 |
| TRH 632/B | 160 L2 | | | 815 | | | | | | | | 425 | 440 | 400 | | 340 | 55 | 30 | | | | | | | | | | | | | | | | | | | | | | |
| TRH 631/A | 160 M2 | 990 | 895 | | 342 | 425 | 131 | 560 | 560 | 425 | 120 | | | | - | | | | - | - | - | - | - | 14 | 321 | 366 | 401 | 8 | 11,5 | 315 | 224 | 366 | 273 | 395 | 304 | 125 | 10 | 11,5 | 145 | 3,8 |
| TRH 631/B | 160 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRH 631/C | 180 M2 | | | 810 | | | | | | | | 470 | 500 | 450 | | 370 | 65 | 35 | | | | | | | | | | | | | | | | | | | | | 158 | |
| TRH 631/D | 100 LB4 | | | 615 | | | | | | | | 260 | 332 | 300 | | 200 | 35 | 25 | | | | | | 12 | | | | | | | | | | | | | | | 115 | |
| TRH 712/A | 200 LR2 | | | 915 | | | | | | | | 500 | 570 | 510 | | 385 | 75 | 40 | | | | | | 16 | | | | | | | | | | | | | | | 205 | 6 |
| TRH 712/B | 112 M4 | | | 640 | | | | | | | | 260 | 332 | 300 | | 200 | 35 | 25 | | | | | | 12 | | | | | | | | | | | | | | | 153 | |
| TRH 711/A | 200 LR2 | 1115 | 1005 | 915 | 383 | 475 | 144 | 630 | 630 | 475 | 132 | 500 | 570 | 510 | - | 385 | 75 | 40 | - | - | - | - | - | 16 | 361 | 405 | 441 | 8 | 11,5 | 355 | 250 | 405 | 300 | 435 | 330 | 125 | 10 | 11,5 | 215 | 6,5 |
| TRH 711/B | 200 L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRH 711/C | 132 SA4 | | | 695 | | | | | | | | 320 | 392 | 360 | | 250 | 45 | 25 | | | | | | 12 | | | | | | | | | | | | | | | 178 | |
| TRH 802/A | 225 M2 | | | 1035 | | | | | | | | 550 | 626 | 565 | | 425 | 85 | 40 | | | | | | 19 | | | | | | | | | | | | | | | 270 | 10 |
| TRH 802/B | 250 M2 | | | | | | | | | | | 600 | 686 | 615 | | 460 | 95 | 45 | | | | | | 21 | | | | | | | | | | | | | | | 308 | |
| TRH 802/C | 132 MA4 | 1250 | 1120 | 740 | 430 | 530 | 159 | 710 | 710 | 530 | 150 | 320 | 392 | 360 | - | 250 | 45 | 25 | - | - | - | - | - | 12 | 406 | 448 | 486 | 12 | 11,5 | 400 | 280 | 448 | 332 | 480 | 360 | 125 | 14 | 11,5 | 228 | |
| TRH 801/A | 250 M2 | | | 1035 | | | | | | | | 600 | 686 | 615 | | 460 | 95 | 45 | | | | | | 21 | | | | | | | | | | | | | | | 320 | |
| TRH 801/B | 280 S2 | | | 1160 | | | | | | | | 700 | 760 | 680 | | 550 | 100 | 50 | | | | | | 24 | | | | | | | | | | | | | | | 358 | 11,5 |
| TRH 801/C | 160 M4 | | | 880 | | | | | | | | 425 | 440 | 400 | | 340 | 55 | 30 | | | | | | 14 | | | | | | | | | | | | | | | 278 | |
| TRH 902/A | 280 M2 | | | 1215 | | | | | | | | 700 | 760 | 680 | | 550 | | 50 | | | 460 | | 1090 | 24 | | | | | | | | | | | | | | | 375 | 16 |
| TRH 902/B | 160 M4 | | | 930 | | | | | | | | 425 | 440 | 400 | | 340 | | 30 | | | 415 | | 815 | 14 | | | | | | | | | | | | | | | 308 | |
| TRH 901/A | 280 M2 | 1410 | 1265 | 1215 | 485 | 600 | 184 | 800 | 710 | 600 | 168 | 700 | 760 | 680 | 710 | 550 | - | 50 | 330 | 60 | 460 | 30 | 1090 | 24 | 506 | 551 | 586 | 12 | 11,5 | 450 | 315 | 497 | 366 | 530 | 395 | 125 | 14 | 11,5 | 393 | 20 |
| TRH 901/B | 315 S2 | | | 1210 | | | | | | | | 770 | 860 | 770 | | 605 | | 55 | | | 470 | | 1160 | 24 | | | | | | | | | | | | | | | 415 | |
| TRH 901/C | 160 L4 | | | 930 | | | | | | | | 425 | 440 | 400 | | 340 | | 30 | | | 415 | | 815 | 14 | | | | | | | | | | | | | | | 322 | |
| TRH 1003/A | 315 MG2 | | | 1390 | | | | | | | | 770 | | | | 604 | | 56 | | | 503 | | 1193 | 24 | | | | | | | | | | | | | | | 407 | 27 |
| TRH 1003/B | 180 M4 | | | 970 | | | | | | | | 470 | | | | 370 | | 35 | | | 458 | | 893 | 17 | | | | | | | | | | | | | | | 355 | |
| TRH 1002/A | 315 MG2 | | | 1390 | | | | | | | | 770 | | | | 604 | | 56 | | | 503 | | 1193 | 24 | | | | | | | | | | | | | | | 415 | 30 |
| TRH 1002/B | 180 L4 | 1570 | 1410 | 1040 | 550 | 670 | 215 | 900 | 800 | 670 | 182 | 470 | 1130 | 1060 | 1060 | 370 | - | 35 | 363 | 60 | 458 | 30 | 895 | 17 | 568 | 629 | 668 | 16 | 11,5 | 500 | 355 | 551 | 405 | 580 | 435 | 125 | 14 | 11,5 | 368 | |
| TRH 1001/A | 315 MG2 | | | 1390 | | | | | | | | 770 | | | | 604 | | 56 | | | 503 | | 1193 | 24 | | | | | | | | | | | | | | | 428 | 35 |
| TRH 1001/B | 315 MK2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 428 | |
| TRH 1001/C | 200 L4 | | | 1040 | | | | | | | | 500 | | | | 385 | | 40 | | | 468 | | 923 | 17 | | | | | | | | | | | | | | | 403 | |

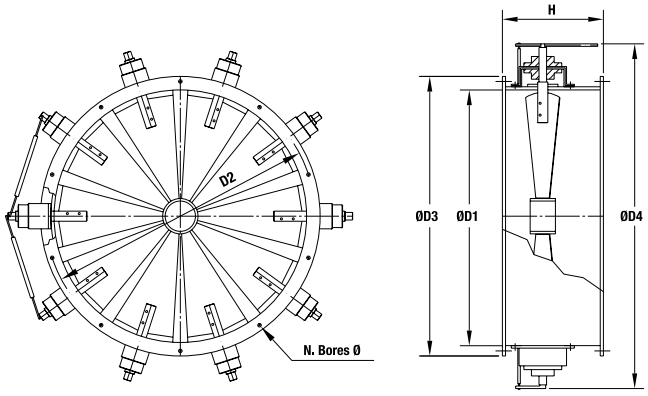
The above date are unbinding

Fan weight in kg (without motor)

# Accessories

## Circular flow regulators

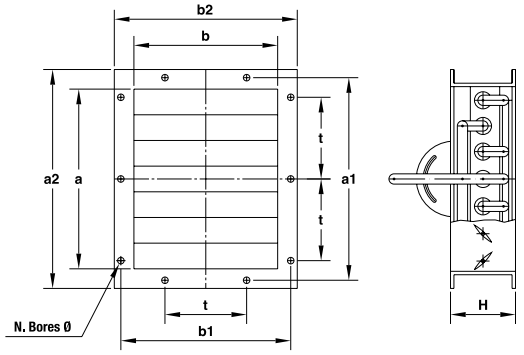
**OVERALL DIMENSIONS in mm**




| Type | $D_1$ | $D_2$ | $D_3$ | $D_4$ | H | n° | Bores Ø | Weight kg |
|---|---|---|---|---|---|---|---|---|
| **280** | 280 | 332 | 366 | 450 | 280 | 8 | 11,5 | 24 |
| **315** | 321 | 366 | 400 | 570 | 280 | | | 30 |
| **355** | 361 | 405 | 440 | 610 | 280 | | | 33 |
| **400*** | 406 | 448 | 485 | 650 | 315 | 12 | | 36 |
| **450** | 456 | 497 | 535 | 700 | 315 | | | 40 |
| **500** | 506 | 551 | 585 | 820 | 355 | | | 53 |
| **560** | 568 | 629 | 666 | 880 | 355 | 16 | | 60 |
| **630** | 638 | 698 | 736 | 990 | 355 | | | 68 |
| **710** | 718 | 775 | 816 | 1070 | 355 | | | 75 |
| **800** | 808 | 861 | 906 | 1160 | 400 | 14 | | 85 |
| **900** | 908 | 958 | 1006 | 1260 | 400 | | | 100 |
| **1000** | 1008 | 1067 | 1107 | 1360 | 400 | 24 | | 130 |
| **1120** | 1130 | 1200 | 1248 | 1480 | 450 | | | 160 |
| **1250** | 1260 | 1337 | 1380 | 1610 | 450 | | | 180 |
| **1400** | 1420 | 1491 | 1540 | 1760 | 450 | | 16 | 210 |
| **1600** | 1610 | 1663 | 1730 | 1960 | 500 | | | 230 |
| **1800** | 1810 | 1880 | 1950 | 2200 | 500 | 32 | 18 | 280 |
| **2000** | 2010 | 2073 | 2130 | 2380 | 500 | | | 340 |

## Rectangular flow regulators, outflow end

**OVERALL DIMENSIONS in mm**



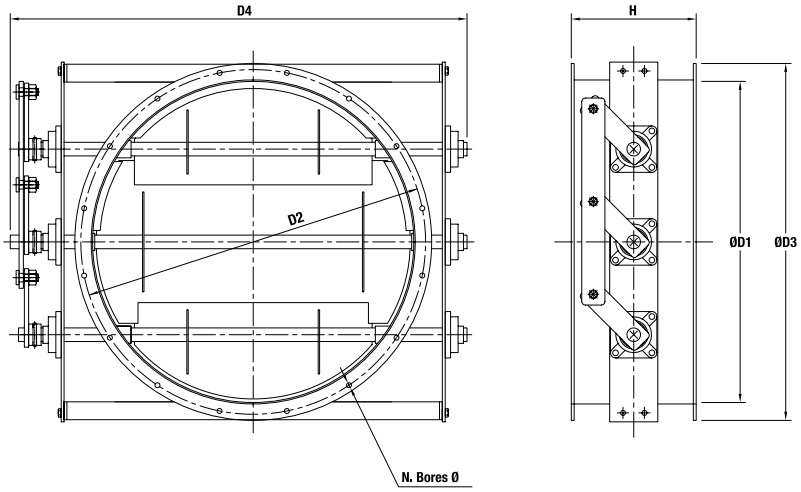

| Type | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | H | t | n° | Bores Ø | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **90 x 63** | 90 | 63 | 112 | 90 | 150 | 123 | 130 | - | 4 | 9 | 2,2 |
| **100 x 71** | 100 | 71 | 125 | 100 | 160 | 131 | 130 | - | | | 2,5 |
| **112 x 80** | 112 | 80 | 140 | 112 | 172 | 140 | 130 | 112 | | | 2,7 |
| **125 x 90** | 125 | 90 | 165 | 130 | 185 | 150 | 130 | | 6 | 11,5 | 3 |
| **140 x 100** | 140 | 100 | 182 | 141 | 210 | 170 | 130 | | | | 3,3 |
| **160 x 112** | 160 | 112 | 200 | 153 | 230 | 182 | 130 | | | | 3,8 |
| **180 x 125** | 180 | 125 | 219 | 167 | 250 | 195 | 130 | | | | 4,5 |
| **200 x 140** | 200 | 140 | 241 | 182 | 270 | 210 | 130 | | 8 | | 5,3 |
| **224 x 160** | 224 | 160 | 265 | 200 | 294 | 230 | 130 | | | | 6,5 |
| **250 x 180** | 250 | 180 | 292 | 219 | 320 | 250 | 130 | | 10 | | 7,5 |
| **280 x 200** | 280 | 200 | 332 | 249 | 360 | 280 | 130 | 125 | | | 8,5 |
| **315 x 224** | 315 | 224 | 366 | 273 | 395 | 304 | 130 | | | | 9,6 |
| **355 x 250** | 355 | 250 | 405 | 300 | 435 | 330 | 130 | | | | 11 |
| **400 x 280** | 400 | 280 | 448 | 332 | 484 | 368 | 130 | | | | 13 |
| **450 x 315** | 450 | 315 | 497 | 366 | 533 | 402 | 130 | | | | 18 |
| **500 x 355** | 500 | 355 | 551 | 405 | 587 | 441 | 150 | | 14 | | 21 |
| **560 x 400** | 560 | 400 | 629 | 464 | 669 | 504 | 150 | 160 | | 14 | 26 |
| **630 x 450** | 630 | 450 | 698 | 513 | 738 | 553 | 180 | | | | 30 |
| **710 x 500** | 710 | 500 | 775 | 567 | 815 | 607 | 180 | | 16 | | 34 |
| **800 x 560** | 800 | 560 | 871 | 639 | 921 | 689 | 200 | 200 | 14 | | 42 |
| **900 x 630** | 900 | 630 | 968 | 708 | 1018 | 758 | 200 | | 18 | | 48 |
| **1000 x 710** | 1000 | 710 | 1077 | 785 | 1127 | 835 | 200 | | | | 65 |
| **1120 x 800** | 1120 | 800 | 1210 | 881 | 1270 | 941 | 220 | | 20 | 18 | 80 |
| **1250 x 900** | 1250 | 900 | 1347 | 978 | 1407 | 1038 | 220 | | 24 | | 95 |
| **1400 x 1000** | 1400 | 1000 | 1501 | 1087 | 1560 | 1160 | 250 | | | | 110 |
| **1600 x 1120** | 1600 | 1120 | 1683 | 1220 | 1760 | 1280 | 250 | | 28 | 22 | 150 |
| **1800 x 1250** | 1800 | 1250 | 1876 | 1357 | 1960 | 1410 | 280 | | 32 | | 200 |
| **2000 x 1400** | 2000 | 1400 | 2093 | 1511 | 2180 | 1580 | 280 | | 34 | | 280 |

External **flow regulator** designed for dusty air, sturdy construction, for industrial use.
**Layout 1** = max. temperature 120°C.
**Layout 2** = from 120 to 350°C. + pression ≥ 700 mm $H_2O$.

## Accessories

### Louver flow regulators

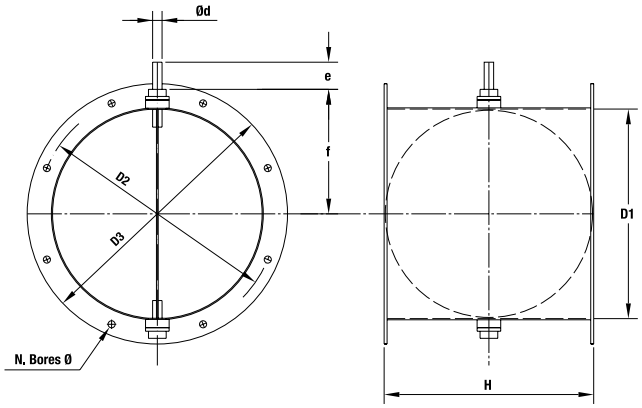
**OVERALL DIMENSIONS in mm**




| Type | $D_1$ | $D_2$ | $D_3$ | $D_4$ | H | Weight kg |
|---|---|---|---|---|---|---|
| **315** | 315 | 366 | 400 | 640 | 280 | 21 |
| **355** | 355 | 405 | 440 | 680 | 280 | 23 |
| **400*** | 400 | 448 | 485 | 720 | 315 | 29 |
| **450** | 450 | 497 | 535 | 770 | 315 | 32 |
| **500** | 500 | 551 | 585 | 820 | 355 | 60 |
| **560** | 560 | 629 | 666 | 900 | 355 | 75 |
| **630** | 630 | 698 | 736 | 1040 | 355 | 80 |
| **710** | 710 | 775 | 816 | 1130 | 355 | 86 |
| **800** | 800 | 861 | 906 | 1220 | 400 | 93 |
| **900** | 900 | 958 | 1006 | 1320 | 400 | 110 |
| **1000** | 1000 | 1067 | 1107 | 1420 | 400 | 126 |
| **1120** | 1120 | 1200 | 1248 | 1560 | 450 | 160 |
| **1250** | 1250 | 1337 | 1380 | 1690 | 450 | 192 |
| **1400** | 1400 | 1491 | 1540 | 1860 | 450 | 260 |
| **1600** | 1600 | 1663 | 1730 | 2050 | 500 | 320 |

### Butterfly flow regulators

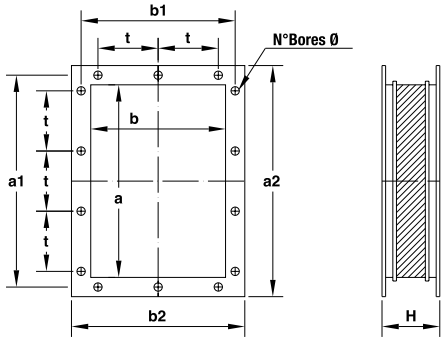
**OVERALL DIMENSIONS in mm**




| Type | $D_1$ | $D_2$ | $D_3$ | d | e | f | H | n°...Bores Ø | Weight kg |
|---|---|---|---|---|---|---|---|---|---|
| **140** | 140 | 182 | 215 | 14 | 30 | 110 | 140 | 8 - 11,5 | 2,8 |
| **160** | 160 | 200 | 235 | 14 | 30 | 120 | 160 | 8 - 11,5 | 3,2 |
| **180** | 180 | 219 | 255 | 14 | 30 | 130 | 180 | 8 - 11,5 | 4 |
| **200** | 200 | 241 | 275 | 16 | 30 | 140 | 200 | 8 - 11,5 | 4,8 |
| **224** | 224 | 265 | 299 | 16 | 30 | 150 | 224 | 8 - 11,5 | 5,5 |
| **250** | 250 | 292 | 325 | 16 | 45 | 165 | 250 | 8 - 11,5 | 6,5 |
| **280** | 280 | 332 | 366 | 16 | 45 | 180 | 280 | 8 - 11,5 | 8,5 |
| **315** | 315 | 366 | 401 | 16 | 45 | 195 | 315 | 8 - 11,5 | 10,5 |
| **355** | 355 | 405 | 441 | 16 | 45 | 215 | 355 | 8 - 11,5 | 13,5 |
| **400*** | 400 | 448 | 486 | 16 | 45 | 240 | 400 | 12 - 11,5 | 18 |
| **450** | 450 | 497 | 535 | 20 | 60 | 280 | 450 | 12 - 11,5 | 23 |
| **500** | 500 | 551 | 585 | 20 | 60 | 305 | 500 | 12 - 11,5 | 29 |
| **560** | 560 | 629 | 666 | 20 | 60 | 335 | 560 | 16 - 11,5 | 36 |
| **630** | 630 | 698 | 736 | 20 | 60 | 370 | 630 | 16 - 13 | 47 |
| **710** | 710 | 775 | 816 | 20 | 60 | 410 | 710 | 16 - 13 | 61 |
| **800** | 800 | 861 | 906 | 30 | 70 | 455 | 800 | 16 - 13 | 80 |
| **900** | 900 | 958 | 1006 | 30 | 70 | 505 | 900 | 16 - 13 | 100 |
| **1000** | 1000 | 1067 | 1107 | 30 | 70 | 555 | 1000 | 24 - 14 | 155 |
| **1120** | 1120 | 1200 | 1248 | 30 | 70 | 615 | 1120 | 24 - 14 | 190 |

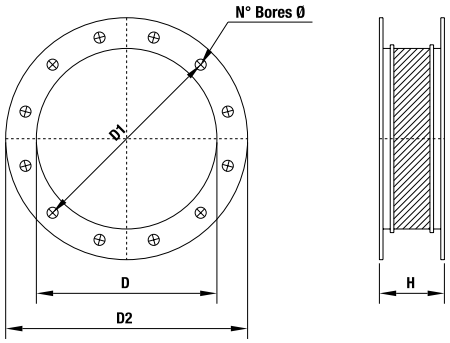
## Accesssories

### Vibration-damping couplings outflow-end




| Series | mm | | | | | | | | Bores | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | t | H | n° | Ø | kg |
| 90 x 63 | 90 | 63 | 112 | 90 | 150 | 123 | - | 140 | 4 | 9 | 1 |
| 100 x 71 | 100 | 71 | 125 | 100 | 160 | 131 | - | 140 | 4 | 9 | 1,1 |
| 112 x 80 | 112 | 80 | 140 | 112 | 172 | 140 | - | 140 | 4 | 9 | 1,3 |
| 125 x 90 | 125 | 90 | 165 | 130 | 185 | 150 | 100 | 140 | 6 | 9,5 | 1,6 |
| 140 x 100 | 140 | 100 | 182 | 141 | 210 | 170 | 112 | 140 | 6 | 11,5 | 2,1 |
| 160 x 112 | 160 | 112 | 200 | 153 | 230 | 182 | 112 | 140 | 6 | 11,5 | 2,6 |
| 180 x 125 | 180 | 125 | 219 | 167 | 250 | 195 | 112 | 140 | 6 | 11,5 | 3,2 |
| 200 x 140 | 200 | 140 | 241 | 182 | 270 | 210 | 112 | 140 | 8 | 11,5 | 3,9 |
| 224 x 160 | 224 | 160 | 265 | 200 | 294 | 230 | 112 | 140 | 8 | 11,5 | 4,6 |
| 250 x 180 | 250 | 180 | 292 | 219 | 320 | 250 | 112 | 140 | 10 | 11,5 | 5,5 |
| 280 x 200 | 280 | 200 | 332 | 249 | 360 | 280 | 125 | 140 | 10 | 11,5 | 7 |
| 315 x 224 | 315 | 224 | 366 | 273 | 395 | 304 | 125 | 140 | 10 | 11,5 | 8,2 |
| 355 x 250 | 355 | 250 | 405 | 300 | 435 | 330 | 125 | 140 | 10 | 11,5 | 10 |
| 400 x 280 | 400 | 280 | 448 | 332 | 480 | 360 | 125 | 140 | 14 | 11,5 | 11,2 |
| 450 x 315 | 450 | 315 | 497 | 366 | 530 | 395 | 125 | 140 | 14 | 11,5 | 13 |
| 500 x 355 | 500 | 355 | 551 | 405 | 580 | 435 | 125 | 160 | 14 | 11,5 | 14,5 |
| 560 x 400 | 560 | 400 | 629 | 464 | 660 | 500 | 160 | 160 | 14 | 14 | 18 |
| 630 x 450 | 630 | 450 | 698 | 513 | 730 | 550 | 160 | 160 | 14 | 14 | 19,5 |
| 710 x 500 | 710 | 500 | 775 | 567 | 810 | 600 | 160 | 160 | 16 | 14 | 22 |
| 800 x 560 | 800 | 560 | 871 | 639 | 920 | 680 | 200 | 160 | 14 | 14 | 31 |
| 900 x 630 | 900 | 630 | 968 | 708 | 1020 | 750 | 200 | 160 | 18 | 14 | 37 |
| 1000 x 710 | 1000 | 710 | 1077 | 785 | 1120 | 830 | 200 | 200 | 18 | 14 | 45 |
| 1120 x 800 | 1120 | 800 | 1210 | 881 | 1260 | 940 | 200 | 200 | 20 | 18 | 56 |
| 1250 x 900 | 1250 | 900 | 1347 | 978 | 1390 | 1040 | 200 | 200 | 24 | 18 | 65 |
| 1400 x 1000 | 1400 | 1000 | 1501 | 1087 | 1560 | 1160 | 200 | 200 | 24 | 18 | 80 |
| 1600 x 1120 | 1600 | 1120 | 1683 | 1220 | 1760 | 1280 | 200 | 200 | 28 | 22 | 100 |
| 1800 x 1250 | 1800 | 1250 | 1876 | 1357 | 1960 | 1410 | 200 | 200 | 32 | 22 | 130 |
| 2000 x 1400 | 2000 | 1400 | 2093 | 1511 | 2180 | 1580 | 200 | 200 | 34 | 22 | 165 |

### Vibration-damping couplings intake-end

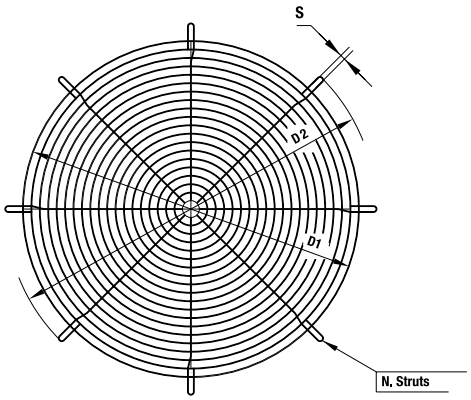



| Series | mm | | | | Bores | | Weight |
|---|---|---|---|---|---|---|---|
| | D | $D_1$ | $D_2$ | H | n° | Ø | kg |
| 140 | 140 | 182 | 215 | 140 | 8 | 11,5 | 3 |
| 160 | 160 | 200 | 235 | 140 | 8 | 11,5 | 3,2 |
| 180 | 180 | 219 | 255 | 140 | 8 | 11,5 | 3,5 |
| 200 | 200 | 241 | 275 | 140 | 8 | 11,5 | 3,8 |
| 224 | 224 | 265 | 299 | 140 | 8 | 11,5 | 4,2 |
| 250 | 250 | 292 | 325 | 140 | 8 | 11,5 | 5 |
| 280 | 280 | 332 | 366 | 140 | 8 | 11,5 | 6,8 |
| 315 | 315 | 366 | 401 | 140 | 8 | 11,5 | 7,5 |
| 355 | 355 | 405 | 440 | 140 | 8 | 11,5 | 9 |
| 400 * | 400 | 448 | 485 | 140 | 12 | 11,5 | 10 |
| 450 | 450 | 497 | 535 | 140 | 12 | 11,5 | 11,5 |
| 500 | 500 | 551 | 585 | 160 | 12 | 11,5 | 13 |
| 560 | 560 | 629 | 666 | 160 | 16 | 11,5 | 16 |
| 630 | 630 | 698 | 736 | 160 | 16 | 13 | 17,5 |
| 710 | 710 | 775 | 816 | 160 | 16 | 13 | 20 |
| 800 | 800 | 861 | 906 | 160 | 16 | 13 | 22 |
| 900 | 900 | 958 | 1006 | 160 | 16 | 13 | 25 |
| 1000 | 1000 | 1067 | 1107 | 200 | 24 | 14 | 28 |
| 1120 | 1120 | 1200 | 1248 | 200 | 24 | 14 | 42 |
| 1250 | 1250 | 1337 | 1380 | 200 | 24 | 14 | 46 |
| 1400 | 1400 | 1491 | 1540 | 200 | 24 | 16 | 52 |
| 1600 | 1600 | 1663 | 1730 | 200 | 24 | 16 | 62 |
| 1800 | 1810 | 1880 | 1950 | 200 | 32 | 18 | 85 |
| 2000 | 2010 | 2073 | 2130 | 200 | 32 | 18 | 110 |

**Coupling 1 :** PVC hoop-iron max temperature 80° C; from 80° to 350° C fiber glass strap aluminium - **Coupling 2 :** Like type 1 plus anti-wear protection.

## Accessories

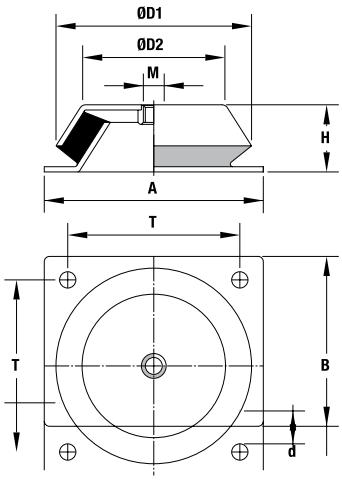
### Protection Net




| Dn | (mm) | (mm) | (mm) | |
|---|---|---|---|---|
| 125 | 140 | 220 | 12 | 4 |
| 140 | | | | |
| 160 | | | | |
| 180 | 212 | 285 | 12 | 4 |
| 200 | | | | |
| 224 | | | | |
| 250 | 312 | 385 | 12 | 4 |
| 280 | | | | |
| 315 | | | | |
| 355 | 357 | 430 | 12 | 4 |
| 400 | 408 | 470 | 12 | 4 |
| 450 | 450 | 528 | 12 | 4 |
| 500 | 500 | 580 | 16 | 4 |
| 560 | 562 | 650 | 16 | 4 |
| 630 | 620 | 720 | 16 | 8 |
| 710 | 710 | 800 | 16 | 8 |
| 800 | 795 | 895 | 16 | 8 |
| 900 | 890 | 990 | 16 | 8 |
| 1000 | 990 | 1130 | 18 | 8 |
| 1120 | 1115 | 1250 | 18 | 8 |
| 1250 | 1245 | 1400 | 20 | 8 |
| 1400 | 1405 | 1560 | 20 | 8 |
| 1600 | 1595 | 1750 | 20 | 8 |
| 1800 | 1795 | 1950 | 20 | 8 |
| 2000 | 1995 | 2150 | 20 | 8 |

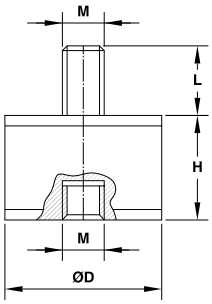
### ISOLATOR

#### TYPE A




| Type | A | B | H | M | T | d | D1 | D2 |
|---|---|---|---|---|---|---|---|---|
| MOD 58540 | 108 | 108 | 40 | 12 | 88 | 9 | 101 | 75 |
| MOD 33629 | 168 | 168 | 50 | 16 | 132 | 13 | 136 | 125 |
| MOD 58541 | 200 | 200 | 70 | 20 | 165 | 13 | 192 | 170 |

#### TYPE B

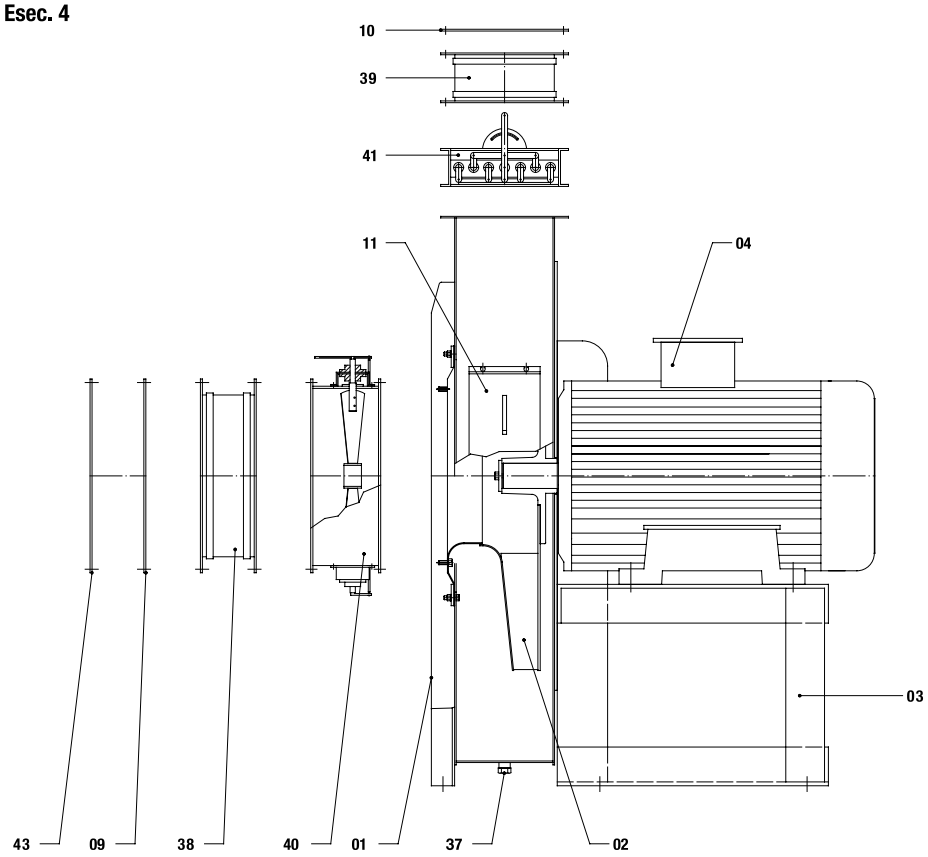



| Type | D | H | M | L |
|---|---|---|---|---|
| B_D3020 | 30 | 20 | 8 | 20 |
| B_D3030 | 30 | 30 | 8 | 20 |
| B_D4030 | 40 | 30 | 8 | 23 |
| B_D4040 | 40 | 40 | 8 | 23 |
| B_D5020 | 50 | 20 | 10 | 28 |
| B_D5030 | 50 | 30 | 10 | 28 |
| B_D5045 | 50 | 45 | 10 | 28 |
| B_D7045 | 70 | 45 | 10 | 30 |
| B_D7540 | 75 | 40 | 12 | 37 |
| B_D7555 | 75 | 55 | 12 | 37 |
| B_D10040 | 100 | 40 | 16 | 45 |
| B_D10055 | 100 | 55 | 16 | 45 |
| B_D10075 | 100 | 75 | 16 | 45 |

(Quote = mm)

## SECTION

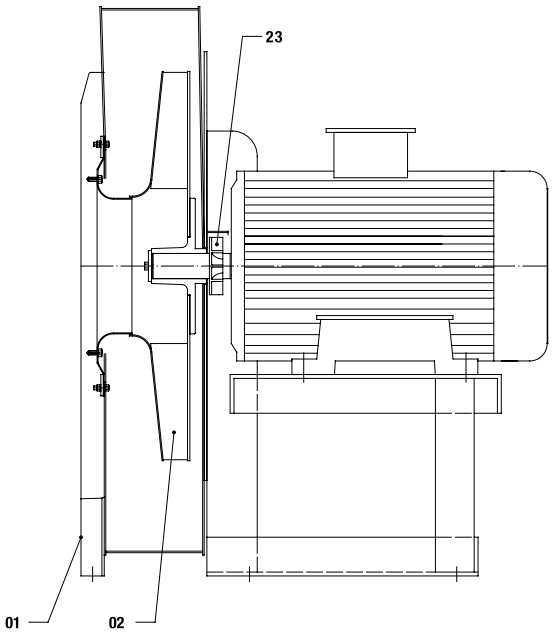
### Esec. 4



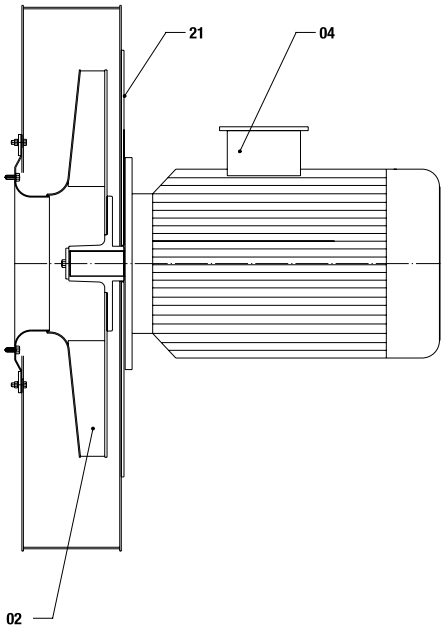

## SPARE PARTS

01 - CASE
02 - IMPELLER
03 - BASE
04 - MOTOR
05 - SUPPORT
06 - NOZZLE
07 - TURNING BASE
* 09 - SUCKING COUNTERFLANGE
* 10 - PRESSING COUNTERFLANGE
* 11 - INSPECTION DOOR
15 - BELT PROTECTION CASE
16 - CONNECTIME PIPE
17 - COOLING FAN PROTECTION
* 18 - SHOCK ISOLATING MOUNTINGS
19 - GREASE PROTECTION RING
22 - KEY
23 - COOLING FAN
24 - LUBRIFICATOR
25 - BEARING
26 - SHAFT
27 - CASE
28 - CAP
29 - PROTECTION RING
30 - COVER
31 - HOUSING
32 - FIXING COLLARS
33 - LOCKING COMPASS
34 - RING NUT
35 - SECURITY WASHER
36 - SEMI-ELASTIC JOINT
* 37 - DISCHARGE CAP
* 38 - SUCKING FLEXIBLE JOINT
* 39 - PRESSING FLEXIBLE JOINT
* 40 - CIRCULAR FLOW REGULATOR
* 41 - RECTANGULAR FLOW REGULATOR
* 43 - PROTECTION NET

### Esec. 4 (with fan)

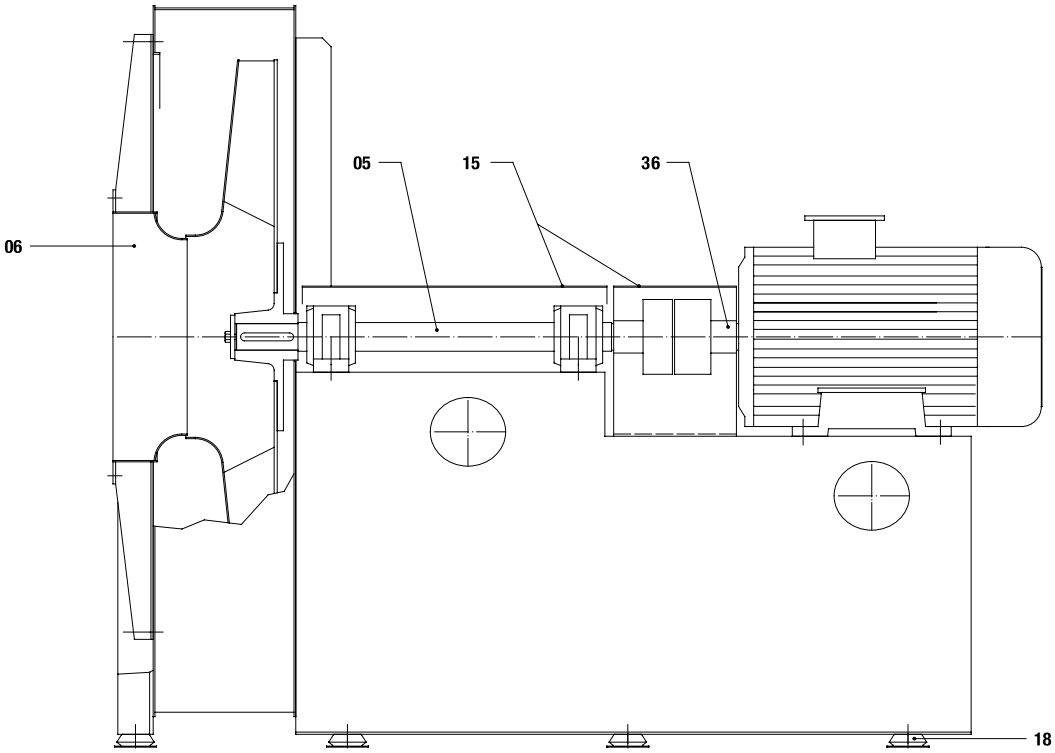


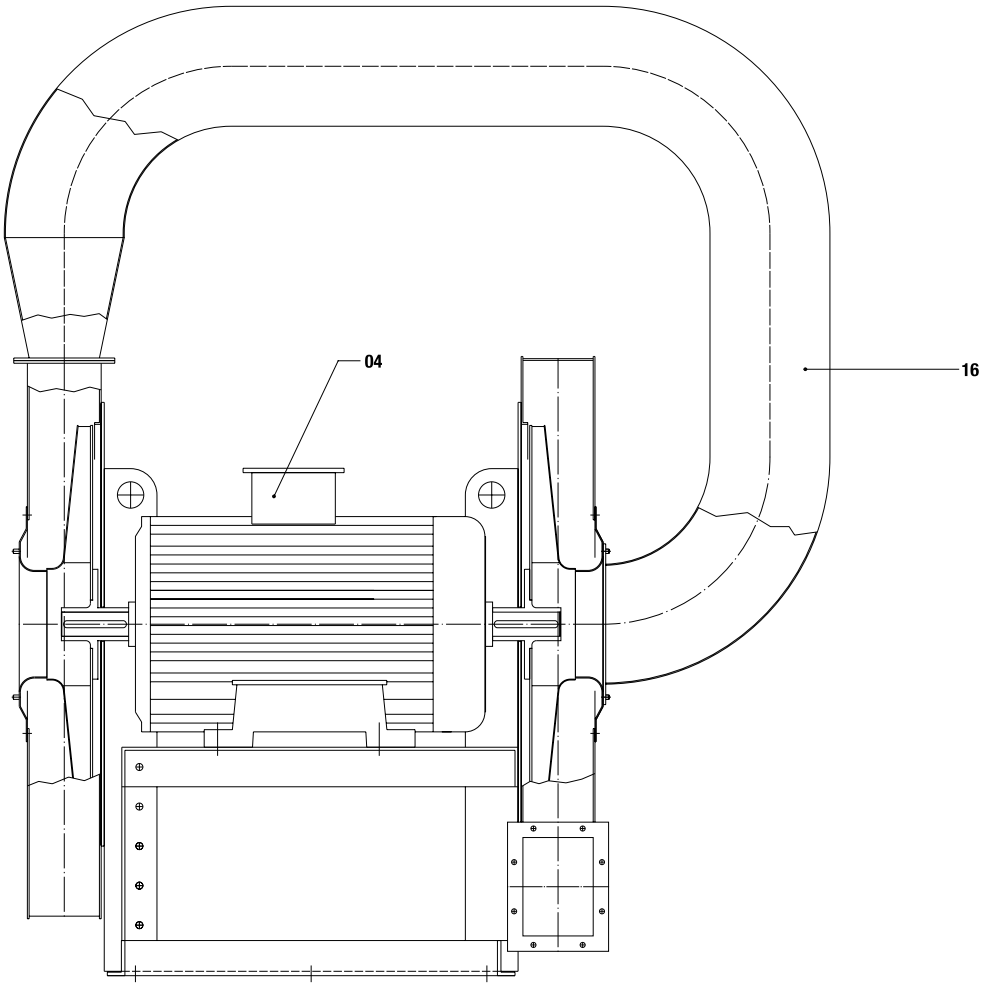

### Esec. 5



**SECTION**

**Esec. 8**

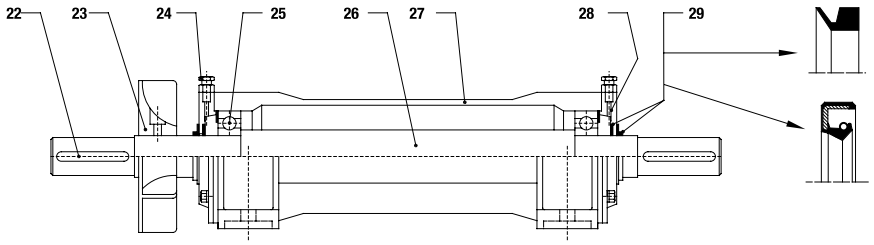


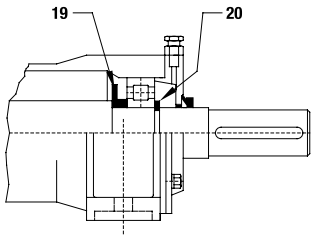
## SECTION

### Monoblock housing

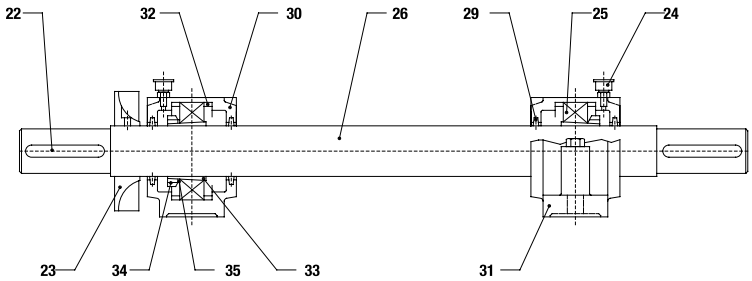
**Frame size** **35 A/B 28 – 60 A/B 55**



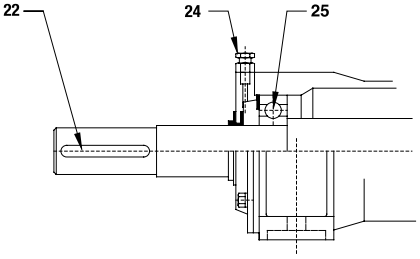

**50 A/B R 48 – 60 A/B R 55**
**50 AL R 48 – 60 AL R 55**




**Frame size** **SNL 515 – SNL 524**




**35 AL 28 – 60 AL 55**




## SPARE PARTS

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* 39 - PRESSING FLEXIBLE JOINT
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* 43 - PROTECTION NET

EuroVent

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