

# ***Turboblowers***

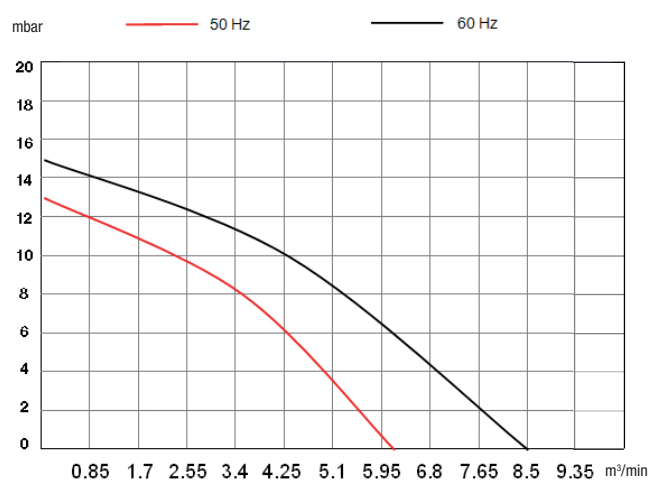
Turboblowers are specially designed for large flow, low noise and high efficiency. They are made of aluminum. All models are lightweight models and are especially good at running hot and are therefore suitable for continuous operation. The rotor blades are specifically balanced so that they rotate stably at high speeds and with very low vibration.

Turboblowers are used in e.g. woodworking machinery, destruction furnaces, dryers, hot air blowers, plastic separators, laminating, film machinery, textile machinery, grain elevators, breads, printing machines and machines for the refrigeration industry.

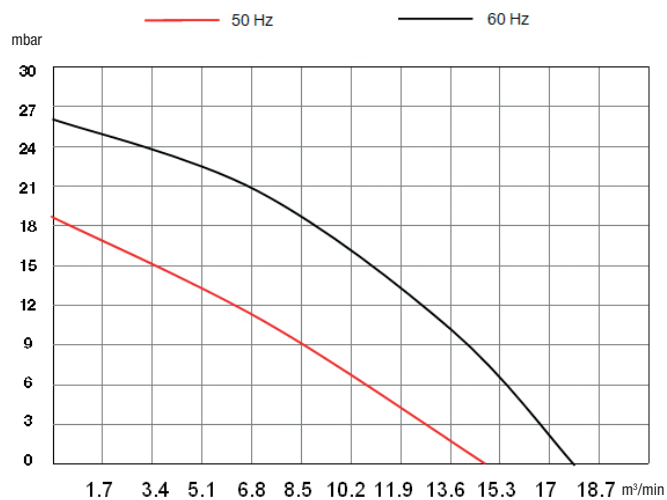


| Type no.                    | TB-0400   | TB-0400   | TB-0750   | TB-0750   | TB-1500   | TB-1500   |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Phases                      | 3         | 1         | 3         | 1         | 3         | 1         |
| Output kW                   | 0,4       | 0,4       | 0,75      | 0,75      | 1,5       | 1,5       |
| Frequenzy                   | 50/60     | 50/60     | 50/60     | 50/60     | 50/60     | 50/60     |
| Voltage V ( $\Delta/Y$ )    | 230/400   | 230       | 230/400   | 230       | 230/400   | 230       |
| Current Amp ( $\Delta/Y$ )  | 2,1/1,2   | 3,6       | 3,3/1,9   | 5,7       | 6,5/3,8   | 11,2      |
| Pressure m/bar (50/60)      | 13,0/15,0 | 13,0/15,0 | 18,5/26,5 | 18,5/26,5 | 21,5/32,0 | 21,5/32,0 |
| Airflow m <sup>3</sup> /min | 6/8       | 6/8       | 15/18     | 15/18     | 17/21     | 17/21     |
| Outlet                      | 3" (Ø75)  | 3" (Ø75)  | 4" (Ø100) | 4" (Ø100) | 4" (Ø100) | 4" (Ø100) |
| Noise level dB              | 57/70     | 57/70     | 65/80     | 65/80     | 74/90     | 74/90     |
| Weight kg                   | 18        | 18        | 30        | 30        | 40        | 40        |

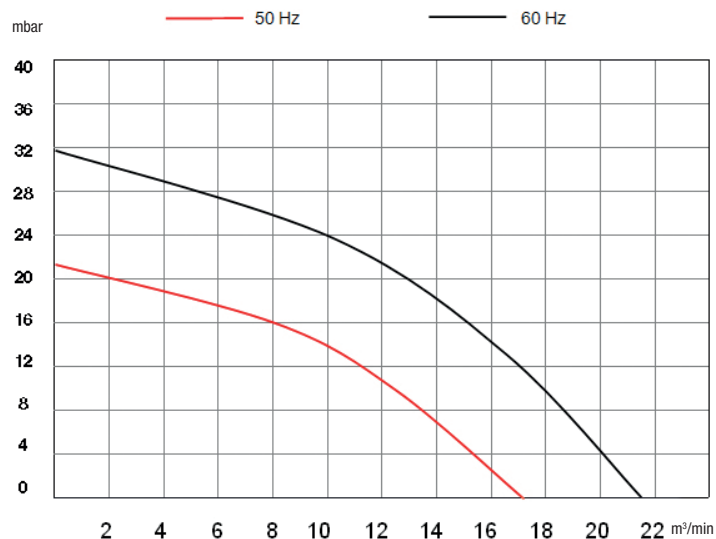
TB-0400



TB-0750



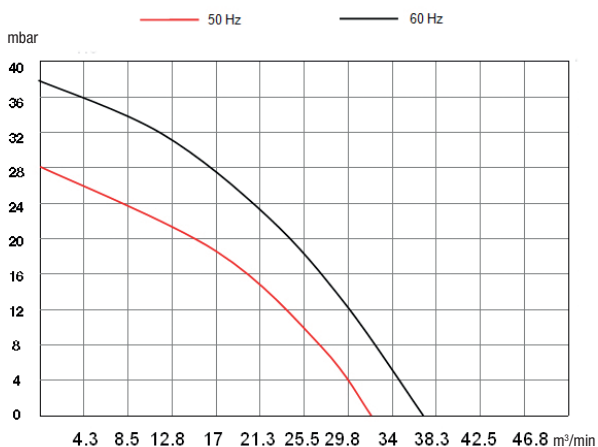
TB-1500



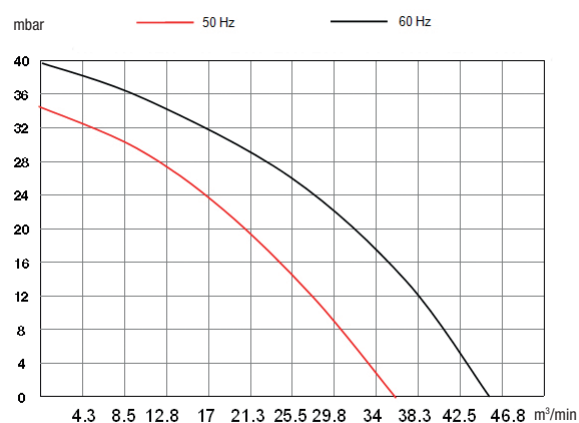
# Specifications

| Type no.                    | TB-2200   | TB-3700   | TB-5500 | TB-7500 |
|-----------------------------|-----------|-----------|---------|---------|
| Phases                      | 3         | 3         | 3       | 3       |
| Output kW                   | 2,2       | 3,7       | 5,5     | 7,5     |
| Frequency                   | 50/60     | 50/60     | 50/60   | 50/60   |
| Voltage V ( $\Delta/Y$ )    | 230/400   | 230/400   | 230/400 | 230/400 |
| Current Amp ( $\Delta/Y$ )  | 8,7/5     | 14/8      |         |         |
| Pressure m/bar (50/60)      | 28,5/38,0 | 35,0/40,0 | 42/50   | 45/54   |
| Airflow m <sup>3</sup> /min | 33/38     | 35/45     | 58/70   | 67/90   |
| Outlet                      | 5" (Ø125) | 6" (Ø150) |         |         |
| Noise level dB              | 77/96     | 80/100    | 70/90   | 80/95   |
| Weight kg                   | 60        | 74        | 82      | 122     |

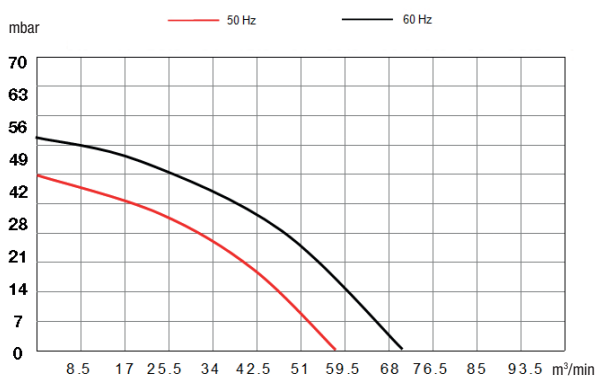
TB-2200



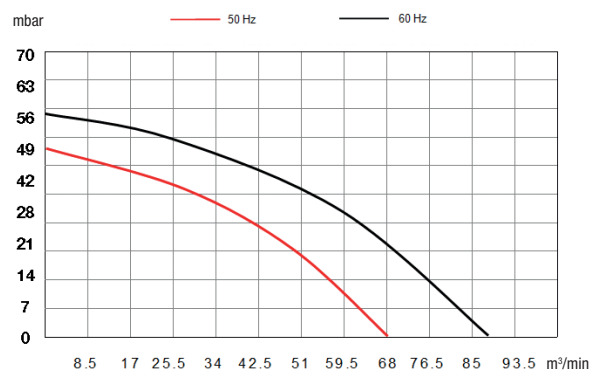
TB-3700



TB-5500



TB-7500

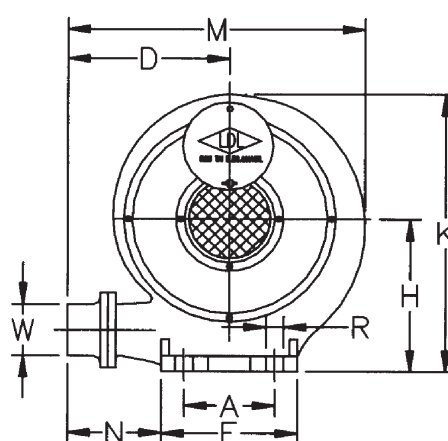
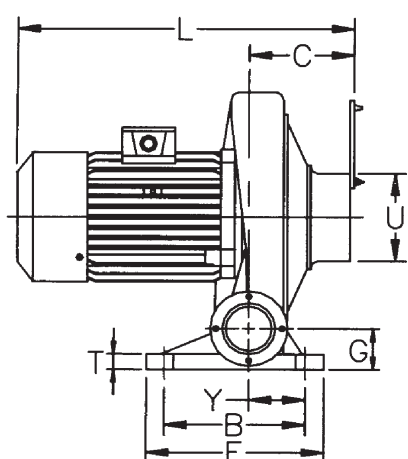


Type TB-1500/1,5 kW, TB2200/2,2 kW and TB-3700/3,7 kW can be supplied on request with 3-phase IEC-motor in IE2 version.

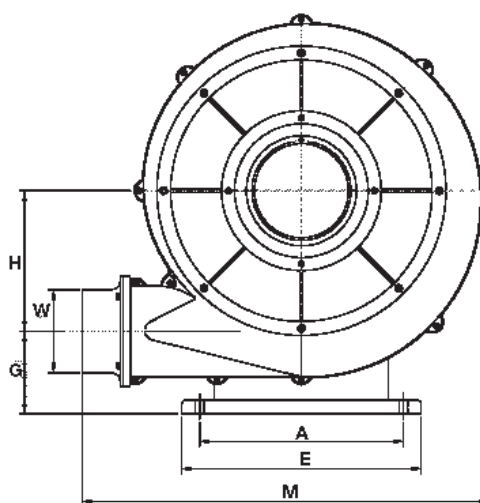
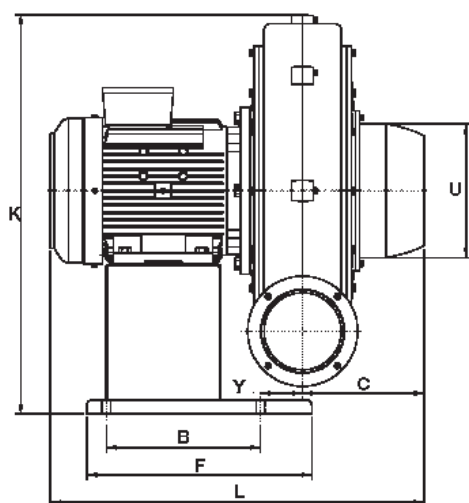
# Dimensions

KLEE

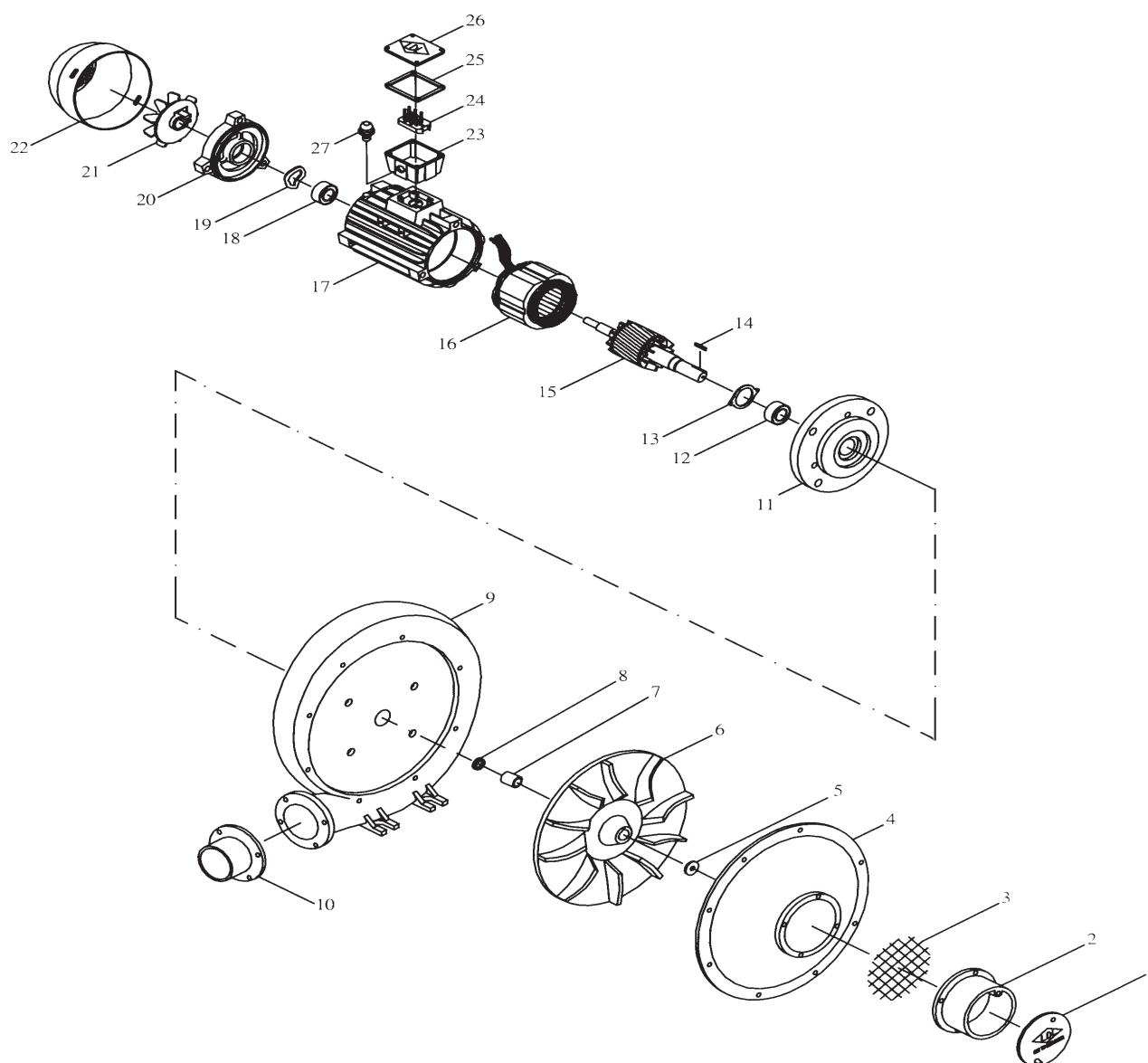
| Type    | A   | B   | C     | D   | E   | F   | G   | H     | K     | L   | M   | N   | R  | T  | U    | W    | Y    |
|---------|-----|-----|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|----|----|------|------|------|
| TB-0400 | 135 | 135 | 117   | 210 | 185 | 185 | 70  | 203   | 375   | 355 | 395 | 113 | 10 | 12 | Ø100 | Ø75  | 50   |
| TB-0750 | 135 | 165 | 125   | 252 | 190 | 230 | 67  | 245   | 450   | 367 | 450 | 153 | 13 | 15 | Ø125 | Ø100 | 55   |
| TB-1500 | 140 | 165 | 155   | 263 | 190 | 245 | 83  | 267   | 490   | 435 | 495 | 156 | 13 | 15 | Ø125 | Ø100 | 70   |
| TB-2200 | 140 | 195 | 185   | 280 | 230 | 280 | 100 | 303   | 540   | 495 | 550 | 165 | 16 | 15 | Ø180 | Ø125 | 85   |
| TB-3700 | 350 | 240 | 200   | 350 | 415 | 285 | 115 | 325   | 625   | 540 | 645 | 101 | 16 | 20 | Ø180 | Ø150 | 65   |
| TB-5500 | 370 | 280 | 221   | -   | -   | 408 | 150 | 255   | 724,5 | 679 | 740 | -   | -  | -  | Ø240 | Ø150 | 76,5 |
| TB-7500 | 370 | 280 | 233,5 | -   | -   | 408 | 181 | 283,5 | 817   | 700 | 760 | -   | -  | -  | Ø280 | Ø200 | -    |



TB-0400, TB-0750, TB-1500, TB-2200, TB-3700



TB-5500, TB-7500



| Part | Description     | Part | Description         | Part | Description   | Part | Description          |
|------|-----------------|------|---------------------|------|---------------|------|----------------------|
| 1    | Flange cover    | 8    | Sleeve              | 15   | Rotor         | 22   | Fan cover            |
| 2    | Inlet flange    | 9    | Housing             | 16   | Stator        | 23   | Terminal box         |
| 3    | Filter          | 10   | Outlet flange       | 17   | Housing       | 24   | Terminal cover       |
| 4    | Front cover     | 11   | Motor flange        | 18   | Rear bearing  | 25   | Terminal box sealing |
| 5    | Impeller washer | 12   | Front bearing       | 19   | Spring washer | 26   | Terminal box cover   |
| 6    | Impeller        | 13   | Inner bearing cover | 20   | B-shield      | 27   | Cable gland          |
| 7    | Sealing         | 14   | Key                 | 21   | Fan           |      |                      |