
# PEDRO GIL BLOWERS

Positive displacement blowers, built tough for Australian conditions.

// **UNLIMITED OPTIONS**


PG-30F1

# A NEW GENERATION OF BLOWERS

*CAPS are proud to introduce a whole new generation of blowers from Pedro Gil.*

## BLOWER SPECIALISTS

A market leader in low-pressure air solutions, CAPS has the widest range of products and blower technologies available.

We are an independent, 100% Australian owned company with national distributorship for some of the world's leading blower manufacturers.

Offering a range of technologies to provide energy efficiency and environmentally friendly systems, CAPS is able to provide the optimum blower selection for any low-pressure application.

Our engineering facility in Perth has the capability to design, fabricate and assemble custom-made blower packages, including control systems to suit your application needs.

UNLIMITED ACCESS.
24/7 RAPID RESPONSE
NATIONWIDE SUPPORT

# FEATURE PACKED PD INDUSTRIAL BLOWERS

### ACCESSIBILITY

Easy access to the main service and maintenance area.

### OIL LEVELS

Oil level are visible from outside of the accoustic enclosure.

### FILTER CHANGE (2 MINUTES)

Quick change of filter cartridge, by opening the front door of the accoustic enclosure.

### OIL CHANGE (5 MINUTES)

New oil system for easy filling and emptying.

### BELTS TENSIONING (15 MINUTES)

Easy belt tensioning system.

### SAFETY VALVE AND CHECK VALVE

Installed inside the enclosure.

### QUICK ACCESS

To all valves (safety, check, and unloaded valves) through a side panel.

### PAINTED ENCLOSURE PANELS

### LARGE CAPACITY VENTILATION FAN

For reliable operation, even in high ambient temperature conditions.

## OPTIONAL ACCESSORIES

- Axial compensator recommended for pressures over 0.7 bar instead of the rubber sleeve.
- Variable frequency drive.
- Unloading valve for starting the blower without load (only when VFD is not used).
- Digital control panel for monitoring pressure, temperature, and vibration.

# KEY BENEFITS

## REDUCE MAINTENANCE COSTS

Easy to service.

## EASY LIFT AND POSITIONING

Acoustic enclosure base.

## SAVE FLOOR SPACE

Service and maintenance points are located in the front, allowing to install blowers side by side, optimising space.

## PREVENT FAILURES

Electronic monitoring system keeps you informed.

## SAVE INSTALLATION COSTS

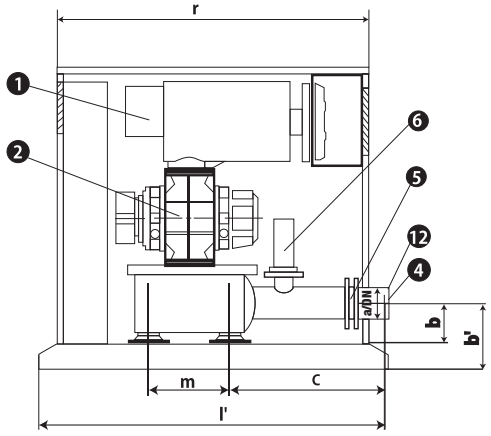
Plug and play.

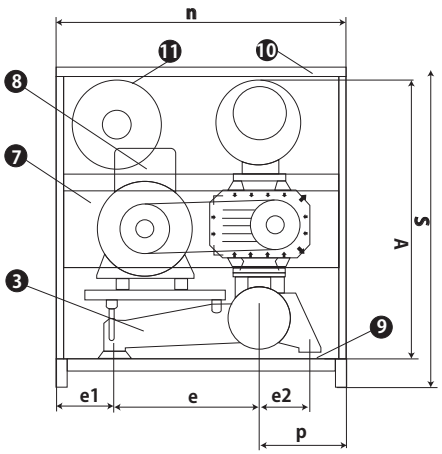
## AVOID BREAKDOWNS

At high ambient temperature operation.

# TECHNICAL SPECIFICATIONS

| SIZE | DN | MAX MOTOR | D | A | B | BI | C | M | EI | E | E2 | P | L | N | R | S | FAN (KW) | GROUP W.O/MOT WEIGHT (KG) | CABIN WEIGHT (KG) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.10 | 50 | 11/160M | 60.3 | 950 | 148 | 306 | 465 | 411 | 285 | 455 | 170 | 280 | 1,225 | 1,020 | 1,160 | 1,195 | 0.25 | 165 | 165 |
| 30.20 | 80 | 15/160M | 88.9 | 950 | 148 | 306 | 465 | 411 | 285 | 455 | 170 | 280 | 1,225 | 1,020 | 1,160 | 1,195 | 0.25 | 225 | 165 |
| 30.30 | 80 | 18.5/160L | 88.9 | 950 | 148 | 306 | 465 | 411 | 285 | 455 | 170 | 280 | 1,225 | 1,020 | 1,160 | 1,195 | 0.25 | 230 | 165 |
| 31.10 | 80 | 30/200L | 88.9 | 950 | 148 | 306 | 465 | 411 | 285 | 455 | 170 | 280 | 1,225 | 1,020 | 1,160 | 1,195 | 0.25 | 230 | 165 |
| 31.20 | 100 | 30/200L | 114.3 | 1,150 | 175 | 333 | 611 | 542 | 320 | 640 | 200 | 320 | 1,530 | 1,280 | 1,440 | 1,494 | 0.75 | 330 | 250 |
| 31.30 | 100 | 30/200L | 114.3 | 1,150 | 175 | 333 | 611 | 542 | 320 | 640 | 200 | 320 | 1,530 | 1,280 | 1,440 | 1,494 | 0.75 | 360 | 250 |
| 32.10 | 100 | 37/200L | 114.3 | 1,150 | 175 | 333 | 611 | 542 | 320 | 640 | 200 | 320 | 1,530 | 1,280 | 1,480 | 1,494 | 0.75 | 400 | 250 |
| 32.20 | 100 | 55/250M | 114.3 | 1,150 | 175 | 333 | 611 | 542 | 320 | 640 | 200 | 320 | 1,530 | 1,280 | 1,440 | 1,494 | 0.75 | 420 | 250 |
| 32.20 | 150 | 55/250M | 168.3 | 1,500 | 232 | 390 | 780 | 460 | 370 | 745 | 245 | 395 | 1,890 | 1,500 | 1,840 | 1,748 | 0.75 | 580 | 400 |
| 32.30 | 150 | 75/250M | 168.3 | 1,500 | 232 | 390 | 780 | 460 | 370 | 745 | 245 | 395 | 1,890 | 1,500 | 1,840 | 1,748 | 0.75 | 600 | 400 |
| 33.10 | 150 | 75/250M | 168.3 | 1,500 | 232 | 390 | 780 | 460 | 370 | 745 | 245 | 395 | 1,890 | 1,500 | 1,840 | 1,745 | 0.75 | 665 | 400 |
| 33.20 | 150 | 90/280S | 168.3 | 1,500 | 232 | 390 | 780 | 460 | 370 | 745 | 245 | 395 | 1,890 | 1,500 | 1,840 | 1,748 | 0.75 | 695 | 400 |
| 33.30 | 150 | 90/280M | 168.3 | 1,500 | 232 | 390 | 780 | 460 | 370 | 745 | 245 | 395 | 1,890 | 1,500 | 1,840 | 1,748 | 0.75 | 745 | 400 |
| 33.30 | 200 | 90/280M | 219.1 | 1,850 | 254 | 454 | 1,030 | 600 | 310 | 948 | 330 | 643 | 2,410 | 1,870 | 2,200 | 2,144 | 1.1 | 800 | 1,050 |
| 34.10 | 200 | 90/280M | 219.1 | 1,850 | 254 | 454 | 1,030 | 600 | 310 | 948 | 330 | 643 | 2,410 | 1,870 | 2,200 | 2,144 | 1.1 | 920 | 1,050 |
| 34.20 | 200 | 132/315M | 219.1 | 1,850 | 254 | 454 | 1,030 | 600 | 310 | 948 | 330 | 643 | 2,410 | 1,870 | 2,200 | 2,144 | 1.1 | 960 | 1,050 |
| 34.30 | 200 | 132/315M | 219.1 | 1,850 | 254 | 454 | 1,030 | 600 | 310 | 948 | 330 | 643 | 2,410 | 1,870 | 2,200 | 2,144 | 1.1 | 1,100 | 1,050 |
| 34.30 | 250 | 132/315M | 273 | 2,070 | 311 | 526 | 1,005 | 560 | 270 | 1,120 | 310 | 580 | 2,665 | 1,970 | 2,550 | 2,445 | 1.1 | 1,600 | 1,275 |
| 35.10 | 200 | 132/315M | 219.1 | 1,850 | 254 | 454 | 1,030 | 600 | 310 | 948 | 330 | 643 | 2,410 | 1,870 | 2,200 | 2,144 | 1.1 | 1,280 | 1,050 |
| 35.10 | 250 | 160/315L | 273 | 2,070 | 311 | 526 | 1,005 | 560 | 270 | 1,120 | 310 | 580 | 2,665 | 1,970 | 2,550 | 2,445 | 1.1 | 1,650 | 1,275 |
| 35.20 | 250 | 160/315L | 273 | 2,070 | 311 | 526 | 1,005 | 560 | 270 | 1,120 | 310 | 580 | 2,665 | 1,970 | 2,550 | 2,445 | 1.1 | 2,100 | 1,275 |
| 36.10 | 250 | 250/355M | 273 | 2,070 | 311 | 526 | 1,005 | 560 | 270 | 1,120 | 310 | 580 | 2,665 | 1,970 | 2,550 | 2,600 | 1.1 | 2,144 | 1,275 |
| 36.20 | 300 | 315/355L | 324 | 2,360 | 416 | 651 | 1,286 | 590 | 373 | 1,192 | 400 | 743 | 2,907 | 2,300 | 2,650 | 2,695 | 1.5 | 2,600 | 1,500 |




1. Inlet filter
2. Blower
3. Frame silencer
4. Rubber sleeve
5. Check valve
6. Relief valve
7. Protection guard
8. Electrical motor
9. Elastic feet
10. Acoustic hood
11. Electrical fan
12. Connecting pipe with flange

# SIZE 30

| mbar | SIZE | 30.10 / DN-50 | | | | | | 30.20 / DN-80 | | | | | | 30.30 / DN-80 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | Q m3/min | 0.74 | 1.87 | 2.43 | 3.45 | 4.24 | 4.58 | 1.15 | 2.7 | 3.47 | 4.87 | 5.95 | 6.42 | 1.55 | 3.62 | 4.66 | 6.52 | 7.97 | 8.59 |
| | A t : °C | 53 | 36 | 34 | 31 | 30 | 30 | 47 | 34 | 32 | 30 | 29 | 29 | 47 | 34 | 32 | 30 | 29 | 29 |
| | rpm sopl. | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | 2860 | 2850 | 2895 | 2895 | 2895 | 2910 | 2850 | 2895 | 2895 | 2895 | 2910 | 2910 | 2850 | 2895 | 2910 | 2910 | 2910 | 2910 |
| | N abs Kw | 1 | 1.7 | 2 | 2.6 | 3.1 | 3.3 | 1.3 | 2.3 | 2.8 | 3.6 | 4.3 | 4.6 | 1.7 | 2.9 | 3.5 | 4.6 | 5.4 | 5.8 |
| | N motor Kw | 1.5 | 2.2 | 3 | 3 | 4 | 5.5 | 2.2 | 3 | 3 | 4 | 5.5 | 5.5 | 2.2 | 4 | 5.5 | 7.5 | 7.5 | 7.5 |
| | dba s.cab | 66 | 72 | 75 | 79 | 83 | 85 | 68 | 74 | 77 | 80 | 83 | 84 | 73 | 78 | 79 | 82 | 86 | 86 |
| | dba c.cab | 63 | 63 | 64 | 64 | 65 | 65 | 63 | 64 | 64 | 64 | 65 | 65 | 64 | 65 | 65 | 66 | 67 | 67 |
| 400 | Q | 0.61 | 1.74 | 2.3 | 3.32 | 4.11 | 4.45 | 0.99 | 2.54 | 3.31 | 4.71 | 5.79 | 6.26 | 1.34 | 3.41 | 4.45 | 6.31 | 7.76 | 8.38 |
| | A t : °C | 86 | 52 | 47 | 43 | 41 | 40 | 73 | 49 | 45 | 42 | 40 | 39 | 72 | 48 | 45 | 41 | 40 | 39 |
| | rpm sopl. | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | 2860 | 2895 | 2895 | 2895 | 2910 | 2910 | 2850 | 2895 | 2895 | 2910 | 2910 | 2910 | 2895 | 2910 | 2910 | 2910 | 2915 | 2915 |
| | N abs Kw | 1.2 | 2.1 | 2.6 | 3.3 | 4 | 4.2 | 1.7 | 2.9 | 3.5 | 4.6 | 5.4 | 5.8 | 2.2 | 3.7 | 4.5 | 5.9 | 7 | 7.5 |
| | N motor Kw | 1.5 | 3 | 3 | 4 | 5.5 | 5.5 | 2.2 | 3 | 4 | 5.5 | 7.5 | 7.5 | 3 | 5.5 | 5.5 | 7.5 | 11 | 11 |
| | dba s.cab | 66 | 72 | 75 | 79 | 84 | 85 | 68 | 75 | 78 | 80 | 84 | 85 | 74 | 78 | 80 | 83 | 88 | 88 |
| | dba c.cab | 63 | 64 | 64 | 64 | 65 | 65 | 63 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 66 | 67 | 68 | 68 |
| 500 | Q | | 1.62 | 2.19 | 3.2 | 4 | 4.33 | 0.85 | 2.4 | 3.17 | 4.57 | 5.65 | 6.12 | 1.16 | 3.23 | 4.26 | 6.13 | 7.58 | 8.2 |
| | A t : °C | | 69 | 62 | 56 | 53 | 52 | 106 | 64 | 59 | 54 | 51 | 50 | 104 | 64 | 58 | 53 | 51 | 50 |
| | rpm sopl. | | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | | 2895 | 2895 | 2910 | 2910 | 2910 | 2895 | 2895 | 2910 | 2910 | 2910 | 2910 | 2895 | 2910 | 2910 | 2915 | 2915 | 2915 |
| | N abs Kw | | 2.6 | 3.1 | 4.1 | 4.8 | 5.1 | 2.1 | 3.5 | 4.3 | 5.6 | 6.6 | 7 | 2.7 | 4.6 | 5.5 | 7.2 | 8.6 | 9.1 |
| | N motor Kw | | 3 | 4 | 5.5 | 7.5 | 7.5 | 3 | 4 | 5.5 | 7.5 | 7.5 | 7.5 | 4 | 5.5 | 7.5 | 11 | 11 | 11 |
| | dba s.cab | | 72 | 77 | 82 | 86 | 86 | 69 | 75 | 78 | 80 | 85 | 85 | 75 | 78 | 80 | 84 | 87 | 87 |
| | dbc c.cab | | 63 | 63 | 64 | 67 | 67 | 63 | 64 | 64 | 64 | 65 | 65 | 65 | 66 | 66 | 67 | 69 | 69 |
| 600 | Q | | 1.52 | 2.08 | 3.1 | 3.89 | 4.23 | | 2.27 | 3.05 | 4.44 | 5.53 | 5.99 | | 3.06 | 4.1 | 5.96 | 7.41 | 8.03 |
| | A t : °C | | 89 | 78 | 69 | 65 | 64 | | 82 | 73 | 66 | 63 | 62 | | 81 | 73 | 66 | 63 | 62 |
| | rpm sopl. | | 2400 | 2900 | 3800 | 4500 | 4800 | | 2400 | 2900 | 3800 | 4500 | 4800 | | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | | 2895 | 2895 | 2910 | 2910 | 2910 | | 2910 | 2910 | 2910 | 2915 | 2915 | | 2910 | 2910 | 2915 | 2925 | 2925 |
| | N abs Kw | | 3 | 3.6 | 4.8 | 5.7 | 6 | | 4.1 | 5 | 6.6 | 7.8 | 8.3 | | 5.4 | 6.5 | 8.5 | 10.1 | 10.8 |
| | N motor Kw | | 4 | 4 | 5.5 | 7.5 | 7.5 | | 5.5 | 5.5 | 7.5 | 11 | 11 | | 7.5 | 7.5 | 11 | 15 | 15 |
| | dba s.cab | | 74 | 78 | 82 | 87 | 87 | | 75 | 78 | 80 | 86 | 86 | | 78 | 81 | 85 | 88 | 88 |
| | dba c.cab | | 64 | 65 | 65 | 68 | 69 | | 64 | 64 | 64 | 65 | 65 | | 66 | 67 | 68 | 70 | 70 |
| 700 | Q: | | 1.42 | 1.99 | 3 | 3.8 | 4.13 | | 2.16 | 2.93 | 4.33 | 5.41 | 5.88 | | 2.91 | 3.95 | 5.81 | 7.26 | 7.88 |
| | A t : °C | | 111 | 96 | 83 | 78 | 76 | | 100 | 89 | 79 | 75 | 74 | | 99 | 88 | 79 | 75 | 73 |
| | rpm sopl. | | 2400 | 2900 | 3800 | 4500 | 4800 | | 2400 | 2900 | 3800 | 4500 | 4800 | | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | | 2895 | 2910 | 2910 | 2910 | 2910 | | 2910 | 2910 | 2910 | 2915 | 2915 | | 2910 | 2915 | 2915 | 2925 | 2925 |
| | N abs Kw | | 3.5 | 4.2 | 5.5 | 6.5 | 6.9 | | 4.8 | 5.8 | 7.5 | 8.9 | 9.5 | | 6.2 | 7.5 | 9.8 | 11.7 | 12.4 |
| | N motor Kw | | 4 | 5.5 | 5.5 | 7.5 | 7.5 | | 5.5 | 7.5 | 11 | 11 | 11 | | 7.5 | 11 | 11 | 15 | 15 |
| | dba s.cab | | 75 | 79 | 83 | 87 | 87 | | 75 | 78 | 80 | 86 | 86 | | 80 | 82 | 86 | 90 | 90 |
| | dba c.cab | | 65 | 65 | 66 | 69 | 69 | | 64 | 64 | 64 | 66 | 65 | | 67 | 68 | 69 | 72 | 72 |
| 800 | Q: | | | 1.9 | 2.92 | 3.71 | 4.05 | | | 2.82 | 4.22 | 5.3 | 5.77 | | | 3.8 | 5.67 | 7.12 | 7.74 |
| | A t : °C | | | 115 | 98 | 91 | 89 | | | 106 | 93 | 87 | 86 | | | 105 | 92 | 87 | 85 |
| | rpm sopl. | | | 2900 | 3800 | 4500 | 4800 | | | 2900 | 3800 | 4500 | 4800 | | | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | | | 2910 | 2910 | 2910 | 2910 | | | 2910 | 2915 | 2915 | 2915 | | | 2915 | 2925 | 2925 | 2930 |
| | N abs Kw | | | 4.7 | 6.2 | 7.3 | 7.8 | | | 6.5 | 8.5 | 10.1 | 10.8 | | | 8.5 | 11.2 | 13.2 | 14.1 |
| | N motor Kw | | | 5.5 | 7.5 | 11 | 11 | | | 7.5 | 11 | 11 | 11 | | | 11 | 15 | 15 | 18.5 |
| | dba s.cab | | | 82 | 86 | 88 | 88 | | | 80 | 82 | 86 | 87 | | | 82 | 87 | 90 | 90 |
| | dba c.cab | | | 65 | 68 | 70 | 70 | | | 65 | 65 | 65 | 66 | | | 68 | 69 | 72 | 72 |
| 900 | Q: | | | | 2.83 | 3.62 | 3.96 | | | | 4.12 | 5.2 | 5.67 | | | | | | |
| | A t : °C | | | | 113 | 105 | 102 | | | | 107 | 100 | 98 | | | | | | |
| | rpm sopl. | | | | 3800 | 4500 | 4800 | | | | 3800 | 4500 | 4800 | | | | | | |
| | rpm mtr. | | | | 2910 | 2910 | 2910 | | | | 2915 | 2925 | 2925 | | | | | | |
| | N abs Kw | | | | 6.9 | 8.2 | 8.7 | | | | 9.5 | 11.3 | 12 | | | | | | |
| | N motor Kw | | | | 7.5 | 11 | 11 | | | | 11 | 15 | 15 | | | | | | |
| | dba s.cab | | | | 88 | 90 | 90 | | | | 84 | 88 | 89 | | | | | | |
| | dba c.cab | | | | 70 | 72 | 72 | | | | 65 | 66 | 67 | | | | | | |
| 1000 | Q: | | | | | | | | | | | 5.11 | 5.57 | | | | | | |
| | A t : °C | | | | | | | | | | | 113 | 111 | | | | | | |
| | rpm sopl. | | | | | | | | | | | 4500 | 4800 | | | | | | |
| | rpm mtr. | | | | | | | | | | | 2925 | 2925 | | | | | | |
| | N abs Kw | | | | | | | | | | | 12.4 | 13.2 | | | | | | |
| | N motor Kw | | | | | | | | | | | 15 | 15 | | | | | | |
| | dba s.cab | | | | | | | | | | | 88 | 89 | | | | | | |
| | dba c.cab | | | | | | | | | | | 67 | 68 | | | | | | |

# SIZE 31

| mbar | SIZE | 31.10 / DN-80 | | | | | | 31.20 / DN-100 | | | | | | 31.30 / DN-100 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | Q m3/min | 1.77 | 3.83 | 4.87 | 6.73 | 8.18 | 8.8 | 2.54 | 5.34 | 6.74 | 9.26 | 11.22 | 12.06 | 4.00 | 8.14 | 10.21 | 13.94 | 16.83 | 18.08 |
| | A t : °C | 41 | 32 | 30 | 29 | 28 | 28 | 38 | 31 | 30 | 29 | 28 | 28 | 36 | 30 | 29 | 28 | 28 | 27 |
| | rpm sopl. | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | 2895 | 2910 | 2910 | 2910 | 2915 | 2915 | 2895 | 2910 | 2910 | 2910 | 2915 | 2915 | 2895 | 2910 | 2915 | 2915 | 2925 | 2925 |
| | N abs Kw | 1.71 | 2.93 | 3.54 | 4.64 | 5.49 | 5.86 | 2.5 | 4.3 | 5.2 | 6.8 | 8.1 | 8.6 | 3.6 | 6.1 | 7.4 | 9.7 | 11.5 | 12.2 |
| | N motor Kw | 2.2 | 4 | 5.5 | 5.5 | 7.5 | 7.5 | 3 | 5.5 | 7.5 | 7.5 | 11 | 11 | 4 | 7.5 | 11 | 11 | 15 | 15 |
| | dba s.cab | 80 | 81 | 82 | 85 | 87 | 88 | 69 | 77 | 78 | 82 | 87 | 87 | 72 | 77 | 80 | 85 | 89 | 90 |
| | dba c.cab | 70 | 70 | 70 | 71 | 72 | 73 | 64 | 65 | 65 | 68 | 69 | 69 | 64 | 64 | 66 | 67 | 68 | 68 |
| 400 | Q | 1.59 | 3.66 | 4.69 | 6.55 | 8 | 8.62 | 2.32 | 5.12 | 6.52 | 9.04 | 11 | 11.84 | 3.72 | 7.86 | 9.93 | 13.66 | 16.56 | 17.8 |
| | A t : °C | 60 | 45 | 42 | 40 | 38 | 38 | 56 | 44 | 41 | 39 | 38 | 38 | 52 | 42 | 40 | 38 | 37 | 37 |
| | rpm sopl. | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | 2895 | 2910 | 2910 | 2915 | 2925 | 2925 | 2895 | 2910 | 2910 | 2915 | 2925 | 2925 | 2910 | 2915 | 2915 | 2925 | 2930 | 2930 |
| | N abs Kw | 2.19 | 3.76 | 4.54 | 5.95 | 7.05 | 7.52 | 3.2 | 5.4 | 6.6 | 8.6 | 10.2 | 10.9 | 4.5 | 7.8 | 9.4 | 12.3 | 14.6 | 15.6 |
| | N motor Kw | 4 | 7.5 | 7.5 | 11 | 15 | 15 | 4 | 7.5 | 7.5 | 11 | 15 | 15 | 5.5 | 11 | 11 | 15 | 18.5 | 18.5 |
| | dba s.cab | 81 | 84 | 84 | 87 | 89 | 89 | 70 | 78 | 79 | 84 | 87 | 88 | 73 | 77 | 81 | 85 | 90 | 91 |
| | dba c.cab | 70 | 70 | 71 | 73 | 73 | 74 | 64 | 65 | 66 | 68 | 69 | 70 | 64 | 64 | 66 | 67 | 69 | 69 |
| 500 | Q | 1.44 | 3.5 | 4.54 | 6.4 | 7.85 | 8.47 | 2.13 | 4.93 | 6.33 | 8.85 | 10.81 | 11.65 | 3.48 | 7.62 | 9.69 | 13.41 | 16.31 | 17.55 |
| | A t : °C | 83 | 58 | 55 | 51 | 49 | 48 | 76 | 57 | 53 | 50 | 48 | 48 | 69 | 54 | 51 | 49 | 47 | 47 |
| | rpm sopl. | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | 2910 | 2910 | 2915 | 2925 | 2925 | 2930 | 2910 | 2910 | 2915 | 2925 | 2925 | 2930 | 2910 | 2915 | 2925 | 2930 | 2940 | 2945 |
| | N abs Kw | 2.67 | 4.58 | 5.54 | 7.26 | 8.6 | 9.17 | 3.8 | 6.6 | 7.9 | 10.4 | 12.3 | 13.1 | 5.5 | 9.4 | 11.4 | 14.9 | 17.7 | 18.9 |
| | N motor Kw | 5.5 | 7.5 | 11 | 15 | 15 | 18.5 | 5.5 | 7.5 | 11 | 15 | 15 | 18.5 | 7.5 | 11 | 15 | 18.5 | 22 | 30 |
| | dba s.cab | 83 | 83 | 84 | 86 | 89 | 90 | 71 | 77 | 80 | 85 | 88 | 89 | 74 | 78 | 82 | 86 | 91 | 91 |
| | dbc c.cab | 70 | 70 | 72 | 73 | 74 | 74 | 64 | 65 | 67 | 69 | 70 | 71 | 64 | 65 | 66 | 68 | 71 | 71 |
| 600 | Q | 1.3 | 3.37 | 4.4 | 6.26 | 7.71 | 8.33 | 1.96 | 4.76 | 6.16 | 8.68 | 10.64 | 11.48 | 3.26 | 7.4 | 9.47 | 13.19 | 16.09 | 17.33 |
| | A t : °C | 110 | 73 | 67 | 62 | 60 | 59 | 99 | 70 | 66 | 61 | 59 | 58 | 89 | 67 | 63 | 59 | 58 | 57 |
| | rpm sopl. | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | 2910 | 2915 | 2915 | 2925 | 2930 | 2930 | 2910 | 2915 | 2915 | 2925 | 2930 | 2930 | 2910 | 2925 | 2925 | 2940 | 2945 | 2945 |
| | N abs Kw | 3.16 | 5.41 | 6.54 | 8.57 | 10.15 | 1082 | 4.5 | 7.7 | 9.3 | 12.2 | 14.4 | 15.4 | 6.5 | 11.1 | 13.4 | 17.6 | 20.8 | 22.2 |
| | N motor Kw | 5.5 | 11 | 11 | 15 | 18.5 | 18.5 | 5.5 | 11 | 11 | 15 | 18.5 | 18.5 | 7.5 | 15 | 15 | 22 | 30 | 30 |
| | dba s.cab | 81 | 82 | 83 | 89 | 90 | 90 | 71 | 77 | 80 | 86 | 89 | 90 | 75 | 80 | 84 | 88 | 93 | 94 |
| | dba c.cab | 72 | 72 | 73 | 73 | 74 | 74 | 64 | 65 | 67 | 70 | 71 | 72 | 64 | 66 | 68 | 70 | 72 | 73 |
| 700 | Q: | | 3.24 | 4.27 | 6.13 | 7.58 | 8.2 | | 4.61 | 6.01 | 8.53 | 10.49 | 11.33 | 3.05 | 7.19 | 9.26 | 12.99 | 15.89 | 17.13 |
| | A t : °C | | 89 | 81 | 74 | 71 | 70 | | 85 | 79 | 72 | 70 | 69 | 110 | 80 | 75 | 70 | 68 | 67 |
| | rpm sopl. | | 2400 | 2900 | 3800 | 4500 | 4800 | | 2400 | 2900 | 3800 | 4500 | 4800 | 1400 | 2400 | 2900 | 3800 | 4500 | 4800 |
| | rpm mtr. | | 2915 | 2925 | 2930 | 2940 | 2940 | | 2915 | 2925 | 2930 | 2940 | 2940 | 2915 | 2925 | 2930 | 2940 | 2945 | 2945 |
| | N abs Kw | | 6.24 | 7.54 | 9.88 | 11.7 | 12.48 | | 8.8 | 10.6 | 13.9 | 16.5 | 17.6 | 7.4 | 12.7 | 15.4 | 20.2 | 23.9 | 25.5 |
| | N motor Kw | | 11 | 15 | 18.5 | 22 | 22 | | 11 | 15 | 18.5 | 22 | 22 | 11 | 15 | 18.5 | 22 | 30 | 30 |
| | dba s.cab | | 83 | 84 | 89 | 93 | 94 | | 77 | 80 | 86 | 90 | 91 | 75 | 82 | 85 | 90 | 95 | 95 |
| | dba c.cab | | 73 | 73 | 74 | 75 | 75 | | 65 | 67 | 70 | 72 | 72 | 65 | 66 | 68 | 71 | 74 | 74 |
| 800 | Q: | | 3.12 | 4.15 | 6.01 | 7.46 | 8.08 | | 4.46 | 5.86 | 8.38 | 10.34 | 11.18 | | 7.00 | 9.07 | 12.80 | 15.70 | |
| | A t : °C | | 105 | 95 | 86 | 82 | 81 | | 100 | 92 | 84 | 81 | 80 | | 94 | 88 | 82 | 79 | |
| | rpm sopl. | | 2400 | 2900 | 3800 | 4500 | 4800 | | 2400 | 2900 | 3800 | 4500 | 4800 | | 2400 | 2900 | 3800 | 4500 | |
| | rpm mtr. | | 2915 | 2925 | 2930 | 2945 | 2945 | | 2915 | 2925 | 2930 | 2945 | 2945 | | 2930 | 2940 | 2945 | 2945 | |
| | N abs Kw | | 7.07 | 8.54 | 11.19 | 13.25 | 14.13 | | 9.9 | 12 | 15.7 | 18.6 | 19.8 | | 14.4 | 17.4 | 22.8 | 27 | |
| | N motor Kw | | 11 | 15 | 18.5 | 30 | 30 | | 11 | 15 | 18.5 | 30 | 30 | | 18.5 | 22 | 30 | 30 | |
| | dba s.cab | | 83 | 83 | 89 | 94 | 94 | | 78 | 81 | 87 | 91 | 91 | | 83 | 86 | 92 | 95 | |
| | dba c.cab | | 73 | 74 | 74 | 75 | 75 | | 65 | 67 | 70 | 72 | 72 | | 66 | 68 | 71 | 74 | |
| 900 | Q: | | | 4.04 | 5.9 | 7.35 | 7.97 | | | 5.73 | 8.25 | 10.21 | 11.05 | | | | | | |
| | A t : °C | | | 110 | 99 | 94 | 92 | | | 106 | 96 | 92 | 91 | | | | | | |
| | rpm sopl. | | | 2900 | 3800 | 4500 | 4800 | | | 2900 | 3800 | 4500 | 4800 | | | | | | |
| | rpm mtr. | | | 2925 | 2930 | 2945 | 2945 | | | 2925 | 2930 | 2945 | 2945 | | | | | | |
| | N abs Kw | | | 9.54 | 12.5 | 14.8 | 15.79 | | | 13.3 | 17.5 | 20.7 | 22.1 | | | | | | |
| | N motor Kw | | | 15 | 18.5 | 30 | 30 | | | 15 | 18.5 | 30 | 30 | | | | | | |
| | dba s.cab | | | 91 | 93 | 95 | 96 | | | 82 | 86 | 92 | 92 | | | | | | |
| | dba c.cab | | | 73 | 74 | 75 | 76 | | | 68 | 70 | 72 | 73 | | | | | | |
| 1000 | Q: | | | | 5.8 | 7.24 | 7.86 | | | | 8.12 | 10.08 | 10.92 | | | | | | |
| | A t : °C | | | | 112 | 106 | 104 | | | | 109 | 104 | 102 | | | | | | |
| | rpm sopl. | | | | 3800 | 4500 | 4800 | | | | 3800 | 4500 | 4800 | | | | | | |
| | rpm mtr. | | | | 2940 | 2945 | 2945 | | | | 2940 | 2945 | 2945 | | | | | | |
| | N abs Kw | | | | 13.81 | 16.35 | 17.44 | | | | 19.3 | 22.8 | 24.3 | | | | | | |
| | N motor Kw | | | | 22 | 30 | 30 | | | | 22 | 30 | 30 | | | | | | |
| | dba s.cab | | | | 94 | 97 | 97 | | | | 87 | 93 | 93 | | | | | | |
| | dba c.cab | | | | 75 | 76 | 76 | | | | 71 | 73 | 74 | | | | | | |

# SIZE 32

| mbar | SIZE | 32.10 / DN-100 | | | | | | | 32.20 / DN-100 | | | | | DN-150 | | 32.30 / DN-150 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | Q m3/min | 3.33 | 6.10 | 10.06 | 11.65 | 15.21 | 16.40 | 17.59 | 5.00 | 8.92 | 14.52 | 16.76 | 19.00 | 21.24 | 22.92 | 7.04 | 12.61 | 20.57 | 23.75 | 30.12 | 32.51 | 35.69 |
| | A t : °C | 35 | 31 | 28 | 27 | 27 | 27 | 27 | 34 | 30 | 28 | 27 | 27 | 27 | 27 | 33 | 29 | 27 | 27 | 27 | 26 | 26 |
| | rpm sopl. | 1200 | 1900 | 2900 | 3300 | 4200 | 4500 | 4800 | 1200 | 1900 | 2900 | 3300 | 3700 | 4100 | 4400 | 1200 | 1900 | 2900 | 3300 | 4100 | 4400 | 4800 |
| | rpm mtr. | 1450 | 2910 | 2925 | 2925 | 2925 | 2925 | 2925 | 1450 | 2910 | 2925 | 2925 | 2925 | 2930 | 2940 | 2910 | 2915 | 2925 | 2930 | 2945 | 2945 | 2945 |
| | N abs Kw | 2.72 | 4.31 | 6.58 | 8.63 | 9.53 | 10.22 | 10.9 | 4.3 | 6.7 | 10.3 | 11.7 | 13.1 | 14.6 | 15.6 | 6 | 9.5 | 14.4 | 16.4 | 20.4 | 21.9 | 23.9 |
| | N motor Kw | 4 | 5.5 | 7.5 | 11 | 11 | 15 | 15 | 5.5 | 7.5 | 15 | 15 | 15 | 18.5 | 22 | 7.5 | 11 | 18.5 | 22 | 30 | 30 | 3 |
| | dba s.cab | 87 | 88 | 88 | 88 | 90 | 91 | 92 | 74 | 76 | 81 | 81 | 83 | 86 | 87 | 74 | 77 | 81 | 82 | 86 | 88 | 88 |
| | dba c.cab | 75 | 75 | 76 | 76 | 77 | 77 | 77 | 68 | 68 | 69 | 69 | 70 | 70 | 70 | 68 | 68 | 69 | 69 | 70 | 70 | 71 |
| 400 | Q | 3.11 | 5.88 | 9.84 | 11.43 | 14.99 | 16.18 | 17.37 | 4.73 | 8.65 | 14.25 | 16.49 | 18.73 | 20.97 | 22.65 | 6.65 | 12.22 | 20.18 | 23.37 | 29.73 | 32.12 | 35.31 |
| | A t : °C | 50 | 42 | 39 | 38 | 37 | 36 | 36 | 47 | 41 | 38 | 37 | 37 | 36 | 36 | 47 | 41 | 37 | 37 | 36 | 36 | 35 |
| | rpm sopl. | 1200 | 1900 | 2900 | 3300 | 4200 | 4500 | 4800 | 1200 | 1900 | 2900 | 3300 | 3700 | 4100 | 4400 | 1200 | 1900 | 2900 | 3300 | 4100 | 4400 | 4800 |
| | rpm mtr. | 1450 | 2915 | 2925 | 2930 | 2930 | 2930 | 2930 | 1450 | 2915 | 2925 | 2930 | 2940 | 2940 | 2945 | 2915 | 2925 | 2940 | 2945 | 2945 | 2945 | 2945 |
| | N abs Kw | 3.52 | 5.57 | 8.5 | 9.67 | 12.31 | 13.19 | 14.07 | 5.4 | 8.5 | 13 | 14.8 | 16.6 | 18.4 | 19.7 | 7.6 | 12 | 18.3 | 20.8 | 25.9 | 27.7 | 30.3 |
| | N motor Kw | 5.5 | 7.5 | 11 | 11 | 15 | 15 | 18.5 | 7.5 | 11 | 15 | 18.5 | 22 | 22 | 30 | 11 | 15 | 22 | 30 | 30 | 37 | 37 |
| | dba s.cab | 90 | 91 | 91 | 91 | 92 | 93 | 93 | 75 | 76 | 82 | 82 | 85 | 88 | 88 | 83 | 84 | 94 | 98 | 102 | 103 | 104 |
| | dba c.cab | 75 | 76 | 76 | 76 | 77 | 77 | 77 | 68 | 69 | 69 | 70 | 70 | 71 | 71 | 68 | 69 | 69 | 70 | 71 | 71 | 72 |
| 500 | Q | 2.91 | 5.69 | 9.65 | 11.23 | 14.8 | 15.99 | 17.18 | 4.49 | 8.41 | 14.01 | 16.25 | 18.49 | 20.73 | 22.41 | 6.31 | 11.88 | 19.84 | 23.02 | 29.39 | 31.78 | 34.96 |
| | A t : °C | 67 | 55 | 49 | 48 | 46 | 46 | 46 | 62 | 52 | 48 | 47 | 47 | 46 | 46 | 62 | 52 | 48 | 47 | 46 | 45 | 45 |
| | rpm sopl. | 1200 | 1900 | 2900 | 3300 | 4200 | 4500 | 4800 | 1200 | 1900 | 2900 | 3300 | 3700 | 4100 | 4400 | 1200 | 1900 | 2900 | 3300 | 4100 | 4400 | 4800 |
| | rpm mtr. | 1455 | 2915 | 2930 | 2940 | 2930 | 2940 | 2945 | 1455 | 2915 | 2930 | 2940 | 2945 | 2945 | 2945 | 2925 | 2930 | 2945 | 2945 | 2945 | 2955 | 2955 |
| | N abs Kw | 4.31 | 6.82 | 10.41 | 11.85 | 15.08 | 16.16 | 17.24 | 6.5 | 10.3 | 15.7 | 17.9 | 20 | 22.2 | 23.8 | 9.2 | 14.5 | 22.1 | 22.1 | 31.3 | 33.6 | 36.6 |
| | N motor Kw | 5.5 | 11 | 15 | 15 | 18.5 | 22 | 22 | 11 | 11 | 18.5 | 22 | 30 | 30 | 30 | 15 | 18.5 | 30 | 30 | 37 | 45 | 45 |
| | dba s.cab | 89 | 89 | 90 | 90 | 92 | 93 | 94 | 75 | 77 | 83 | 84 | 87 | 89 | 90 | 77 | 78 | 82 | 84 | 88 | 90 | 91 |
| | dbc c.cab | 76 | 76 | 77 | 77 | 77 | 77 | 77 | 68 | 69 | 69 | 70 | 70 | 71 | 71 | 68 | 69 | 70 | 71 | 72 | 72 | 73 |
| 600 | Q | 2.74 | 5.51 | 9.47 | 11.06 | 14.62 | 15.81 | 17 | 4.28 | 8.20 | 13.80 | 16.04 | 18.28 | 20.52 | 22.20 | 6.00 | 11.57 | 19.53 | 22.71 | 29.08 | 31.47 | 34.65 |
| | A t : °C | 86 | 68 | 60 | 59 | 56 | 56 | 55 | 78 | 65 | 59 | 57 | 56 | 56 | 55 | 79 | 65 | 58 | 57 | 55 | 55 | 54 |
| | rpm sopl. | 1200 | 1900 | 2900 | 3300 | 4200 | 4500 | 4800 | 1200 | 1900 | 2900 | 3300 | 3700 | 4100 | 4400 | 1200 | 1900 | 2800 | 3300 | 4100 | 4400 | 4800 |
| | rpm mtr. | 1455 | 2925 | 2940 | 2945 | 2940 | 2945 | 2945 | 1455 | 2925 | 2940 | 2945 | 2945 | 2945 | 2945 | 2925 | 2940 | 2945 | 2945 | 2945 | 2955 | 2955 |
| | N abs Kw | 5.1 | 8.08 | 12.33 | 14.03 | 17.85 | 19.13 | 20.4 | 7.6 | 12.1 | 18.4 | 21 | 23.5 | 26 | 27.9 | 10.8 | 17 | 18.4 | 29.6 | 36.7 | 39.4 | 43 |
| | N motor Kw | 7.5 | 11 | 15 | 18.5 | 22 | 22 | 30 | 11 | 15 | 22 | 30 | 30 | 30 | 30 | 15 | 22 | 22 | 37 | 45 | 45 | 45 |
| | dba s.cab | 90 | 90 | 96 | 93 | 94 | 94 | 94 | 75 | 78 | 84 | 84 | 88 | 88 | 89 | 77 | 79 | 83 | 85 | 89 | 91 | 91 |
| | dba c.cab | 76 | 77 | 77 | 77 | 78 | 78 | 78 | 68 | 69 | 70 | 71 | 71 | 72 | 72 | 69 | 70 | 71 | 72 | 72 | 73 | 73 |
| 700 | Q: | 2.58 | 5.35 | 9.31 | 10.90 | 14.46 | 15.65 | 16.84 | 4.09 | 8.01 | 13.61 | 15.85 | 18.09 | 20.33 | 22.01 | 5.71 | 11.28 | 19.24 | 22.43 | 28.80 | 31.18 | 34.37 |
| | A t : °C | 107 | 81 | 71 | 69 | 66 | 66 | 65 | 96 | 77 | 69 | 68 | 67 | 66 | 65 | 97 | 77 | 69 | 68 | 65 | 65 | 64 |
| | rpm sopl. | 1200 | 1900 | 2900 | 3300 | 4200 | 4500 | 4800 | 1200 | 1900 | 2900 | 3300 | 3700 | 4100 | 4400 | 1200 | 1900 | 2900 | 3300 | 4100 | 4400 | 4800 |
| | rpm mtr. | 1460 | 2925 | 2945 | 2945 | 2945 | 2945 | 2945 | 1460 | 2925 | 2945 | 2945 | 2945 | 2945 | 2955 | 1460 | 2925 | 2945 | 2945 | 2945 | 2955 | 2955 |
| | N abs Kw | 5.89 | 9.33 | 14.24 | 16.21 | 20.63 | 22.1 | 23.57 | 8.7 | 13.8 | 21.1 | 24 | 26.9 | 29.9 | 32 | 12.3 | 19.5 | 29.8 | 33.9 | 42.2 | 42.2 | 49.4 |
| | N motor Kw | 7.5 | 11 | 18.5 | 18.5 | 30 | 30 | 30 | 15 | 15 | 30 | 30 | 30 | 37 | 45 | 15 | 30 | 37 | 45 | 55 | 55 | 75 |
| | dba s.cab | 90 | 90 | 91 | 91 | 93 | 94 | 95 | 77 | 79 | 85 | 86 | 87 | 89 | 91 | 78 | 80 | 84 | 86 | 90 | 91 | 91 |
| | dba c.cab | 77 | 77 | 77 | 78 | 78 | 78 | 78 | 68 | 70 | 71 | 72 | 72 | 73 | 73 | 69 | 70 | 71 | 72 | 72 | 73 | 73 |
| 800 | Q: | 2.43 | 5.20 | 9.16 | 10.75 | 14.31 | 15.50 | 16.69 | 3.90 | 7.82 | 13.42 | 15.66 | 17.90 | 20.14 | 21.82 | | 11.02 | 18.98 | 22.16 | 28.53 | 30.92 | 34.1 |
| | A t : °C | 129 | 96 | 83 | 80 | 77 | 76 | 75 | 114 | 90 | 80 | 78 | 77 | 76 | 75 | | 91 | 80 | 78 | 75 | 75 | 74 |
| | rpm sopl. | 1200 | 1900 | 2900 | 3300 | 4200 | 4500 | 4800 | 1200 | 1900 | 2900 | 3300 | 3700 | 4100 | 4400 | | 1900 | 2900 | 3300 | 4100 | 4400 | 4800 |
| | rpm mtr. | 1460 | 2930 | 2945 | 2945 | 2945 | 2945 | 2945 | 1460 | 2930 | 2945 | 2945 | 2945 | 2955 | 2955 | | 2645 | 2945 | 2945 | 2965 | 2955 | 2970 |
| | N abs Kw | 6.69 | 10.59 | 16.16 | 18.39 | 23.4 | 25.07 | 26.74 | 9.9 | 15.6 | 23.8 | 27.1 | 30.4 | 33.7 | 36.2 | | 22.1 | 33.7 | 38.3 | 47.6 | 51.1 | 55.7 |
| | N motor Kw | 7.5 | 15 | 18.5 | 22 | 30 | 30 | 30 | 15 | 18.5 | 30 | 30 | 37 | 45 | 45 | | 30 | 37 | 45 | 55 | 75 | 75 |
| | dba s.cab | 91 | 91 | 92 | 93 | 95 | 97 | 99 | 78 | 80 | 86 | 87 | 88 | 90 | 92 | | 82 | 86 | 88 | 91 | 92 | 92 |
| | dba c.cab | 77 | 77 | 77 | 78 | 78 | 78 | 78 | 68 | 70 | 72 | 72 | 73 | 73 | 74 | | 70 | 72 | 72 | 73 | 71 | 74 |
| 900 | Q: | | 5.06 | 9.02 | 10.61 | 14.17 | 15.36 | 16.55 | | 7.65 | 13.25 | 15.49 | 17.73 | 19.97 | 21.65 | | | | | | | |
| | A t : °C | | 110 | 95 | 92 | 87 | 86 | 85 | | 104 | 92 | 89 | 87 | 86 | 85 | | | | | | | |
| | rpm sopl. | | 1900 | 2900 | 3300 | 4200 | 4500 | 4800 | | 1900 | 2900 | 3300 | 3700 | 4100 | 4400 | | | | | | | |
| | rpm mtr. | | 2930 | 2945 | 2945 | 2940 | 2945 | 2945 | | 2930 | 2945 | 2945 | 2945 | 2955 | 2965 | | | | | | | |
| | N abs Kw | | 11.84 | 18.07 | 20.57 | 26.17 | 28.04 | 29.91 | | 17.4 | 26.5 | 30.2 | 33.9 | 37.5 | 40.3 | | | | | | | |
| | N motor Kw | | 15 | 22 | 30 | 30 | 37 | 37 | | 18.5 | 30 | 37 | 37 | 45 | 55 | | | | | | | |
| | dba s.cab | | 91 | 93 | 95 | 98 | 98 | 100 | | 85 | 88 | 90 | 90 | 93 | 93 | | | | | | | |
| | dba c.cab | | 77 | 78 | 78 | 78 | 78 | 78 | | 72 | 73 | 73 | 74 | 75 | 75 | | | | | | | |
| 1000 | Q: | | | 8.89 | 10.47 | 14.04 | 15.23 | 16.41 | | | 13.09 | 15.33 | 17.57 | 19.81 | 21.49 | | | | | | | |
| | A t : °C | | | 107 | 103 | 98 | 97 | 96 | | | 103 | 100 | 98 | 96 | 95 | | | | | | | |
| | rpm sopl. | | | 2900 | 3300 | 4200 | 4500 | 4800 | | | 2900 | 3300 | 3700 | 4100 | 4400 | | | | | | | |
| | rpm mtr. | | | 2945 | 2945 | 2945 | 2945 | 2945 | | | 2945 | 2945 | 2955 | 2965 | 2965 | | | | | | | |
| | N abs Kw | | | 19.99 | 22.74 | 28.95 | 31.02 | 33.08 | | | 29.2 | 33.3 | 37.3 | 41.3 | 44.4 | | | | | | | |
| | N motor Kw | | | 30 | 30 | 37 | 37 | 37 | | | 37 | 37 | 45 | 55 | 55 | | | | | | | |
| | dba s.cab | | | 94 | 96 | 98 | 100 | 102 | | | 91 | 92 | 93 | 94 | 94 | | | | | | | |
| | dba c.cab | | | 77 | 77 | 78 | 79 | 79 | | | 74 | 74 | 75 | 75 | 76 | | | | | | | |

# SIZE 33

| mbar | SIZE | 33.10 / DN-150 | | | | | | | 33.20 / DN-150 | | | | | | | 33.30 / DN-150 | | | | | 33.30 / DN-200 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | Q m3/min | 6.30 | 11.80 | 14.15 | 16.51 | 20.83 | 25.93 | 27.5 | 9.62 | 17.57 | 20.98 | 24.39 | 30.64 | 38.02 | 40.29 | 13.87 | 25.10 | 29.91 | 34.73 | 43.55 | 49.16 | 53.97 | 57.18 |
| | A t : °C | 34 | 30 | 29 | 28 | 28 | 27 | 27 | 32 | 29 | 28 | 28 | 27 | 27 | 26 | 32 | 29 | 28 | 28 | 37 | 27 | 27 | 27 |
| | rpm sopl. | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3300 | 3600 | 3800 |
| | rpm mtr. | 1455 | 2925 | 2930 | 2940 | 2945 | 2945 | 2945 | 1455 | 2925 | 2930 | 2940 | 2945 | 2945 | 2945 | 2925 | 2940 | 2945 | 2945 | 2945 | 2945 | 2955 | 2955 |
| | N abs Kw | 5.07 | 8.29 | 9.67 | 11.05 | 13.58 | 16.58 | 17.5 | 8.2 | 13.5 | 15.7 | 18 | 22.1 | 26.9 | 28.4 | 11 | 18 | 21 | 24 | 29.6 | 33.1 | 36.1 | 38.1 |
| | N motor Kw | 7.5 | 11 | 11 | 15 | 15 | 22 | 22 | 11 | 15 | 18.5 | 22 | 30 | 37 | 37 | 15 | 22 | 30 | 30 | 37 | 37 | 45 | 45 |
| | dba s.cab | 92 | 92 | 92 | 93 | 93 | 94 | 94 | 75 | 78 | 80 | 82 | 85 | 88 | 88 | 77 | 79 | 81 | 83 | 86 | 87 | 88 | 90 |
| | dba c.cab | 76 | 76 | 76 | 77 | 78 | 78 | 78 | 68 | 68 | 69 | 69 | 69 | 70 | 70 | 68 | 68 | 69 | 69 | 69 | 70 | 71 | 72 |
| 400 | Q | 5.94 | 11.44 | 13.79 | 16.15 | 20.47 | 25.57 | 27.14 | 9.18 | 17.13 | 20.54 | 23.95 | 30.19 | 37.58 | 39.85 | 13.29 | 24.52 | 29.33 | 34.14 | 42.96 | 48.58 | 53.39 | 56.6 |
| | A t : °C | 48 | 41 | 39 | 39 | 37 | 36 | 36 | 45 | 40 | 39 | 38 | 37 | 36 | 35 | 44 | 39 | 38 | 37 | 37 | 36 | 36 | 36 |
| | rpm sopl. | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3300 | 3600 | 3800 |
| | rpm mtr. | 1460 | 2930 | 2945 | 2945 | 2945 | 2955 | 2955 | 1460 | 2930 | 2945 | 2945 | 2945 | 2955 | 2955 | 2940 | 2945 | 2945 | 2945 | 2955 | 2965 | 2965 | 2965 |
| | N abs Kw | 6.5 | 10.64 | 12.42 | 14.19 | 17.44 | 21.29 | 22.47 | 10.3 | 16.9 | 19.7 | 22.5 | 27.7 | 33.7 | 35.6 | 14 | 22.8 | 26.7 | 30.5 | 37.4 | 41.9 | 45.7 | 48.2 |
| | N motor Kw | 7.5 | 15 | 15 | 18.5 | 22 | 30 | 30 | 15 | 18.5 | 30 | 30 | 37 | 45 | 45 | 22 | 30 | 37 | 37 | 45 | 55 | 55 | 55 |
| | dba s.cab | 92 | 92 | 93 | 93 | 93 | 93 | 94 | 76 | 78 | 80 | 83 | 86 | 89 | 89 | 77 | 79 | 82 | 83 | 87 | 88 | 89 | 91 |
| | dba c.cab | 77 | 77 | 77 | 77 | 78 | 78 | 79 | 68 | 68 | 69 | 69 | 70 | 71 | 71 | 68 | 68 | 69 | 69 | 69 | 70 | 71 | 72 |
| 500 | Q | 5.63 | 11.12 | 13.48 | 15.83 | 20.15 | 25.25 | 26.82 | 8.79 | 16.74 | 20.15 | 23.55 | 29.80 | 37.19 | 39.46 | 12.78 | 24.00 | 28.82 | 33.63 | 42.45 | 48.06 | 52.88 | 56.08 |
| | A t : °C | 63 | 52 | 50 | 49 | 47 | 46 | 46 | 59 | 51 | 49 | 48 | 47 | 46 | 45 | 57 | 50 | 49 | 48 | 46 | 46 | 45 | 45 |
| | rpm sopl. | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3300 | 3600 | 3800 |
| | rpm mtr. | 1460 | 2940 | 2945 | 2945 | 2955 | 2965 | 2965 | 1460 | 2940 | 2945 | 2945 | 2955 | 2965 | 2965 | 2945 | 2945 | 2955 | 2965 | 2965 | 2970 | 2970 | 2970 |
| | N abs Kw | 7.94 | 13 | 15.17 | 17.33 | 21.3 | 26 | 27.44 | 12.4 | 20.3 | 23.7 | 27 | 33.2 | 40.6 | 42.8 | 16.9 | 27.7 | 32.3 | 36.9 | 45.3 | 50.7 | 55.3 | 58.4 |
| | N motor Kw | 11 | 15 | 18.5 | 22 | 30 | 30 | 37 | 18.5 | 22 | 30 | 37 | 45 | 55 | 55 | 30 | 30 | 45 | 55 | 55 | 75 | 75 | 75 |
| | dba s.cab | 90 | 90 | 91 | 91 | 91 | 92 | 93 | 78 | 82 | 85 | 86 | 88 | 90 | 90 | 78 | 81 | 83 | 85 | 89 | 89 | 90 | 92 |
| | dbc c.cab | 78 | 78 | 78 | 78 | 78 | 79 | 79 | 68 | 69 | 69 | 69 | 70 | 72 | 72 | 68 | 69 | 69 | 69 | 70 | 70 | 72 | 72 |
| 600 | Q | 5.34 | 10.83 | 13.19 | 15.54 | 19.86 | 24.96 | 26.53 | 8.43 | 16.38 | 19.79 | 23.20 | 29.45 | 36.83 | 39.1 | 12.31 | 23.54 | 28.35 | 33.16 | 41.99 | 47.60 | 52.41 | 55.62 |
| | A t : °C | 80 | 65 | 62 | 60 | 58 | 56 | 56 | 74 | 62 | 60 | 59 | 57 | 55 | 54 | 71 | 61 | 59 | 58 | 56 | 55 | 55 | 55 |
| | rpm sopl. | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3300 | 3600 | 3800 |
| | rpm mtr. | 1460 | 2945 | 2945 | 2945 | 2965 | 2970 | 2970 | 1460 | 2945 | 2945 | 2945 | 2965 | 2970 | 2970 | 2945 | 2945 | 2965 | 2965 | 2970 | 2970 | 2970 | 2970 |
| | N abs Kw | 9.38 | 15.35 | 17.91 | 20.47 | 25.16 | 30.71 | 32.41 | 14.5 | 23.7 | 27.6 | 31.6 | 38.8 | 47.4 | 50 | 19.8 | 32.5 | 37.9 | 43.3 | 53.2 | 59.5 | 64.9 | 68.6 |
| | N motor Kw | 11 | 18.5 | 22 | 30 | 30 | 37 | 37 | 22 | 30 | 37 | 37 | 55 | 75 | 75 | 30 | 37 | 55 | 55 | 75 | 75 | 75 | 90 |
| | dba s.cab | 89 | 90 | 90 | 91 | 92 | 93 | 94 | 79 | 83 | 86 | 87 | 89 | 91 | 91 | 79 | 83 | 85 | 87 | 91 | 91 | 92 | 92 |
| | dba c.cab | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 68 | 69 | 69 | 69 | 71 | 72 | 72 | 69 | 70 | 71 | 71 | 73 | 73 | 73 | 73 |
| 700 | Q: | 5.07 | 10.57 | 12.92 | 15.28 | 19.60 | 24.70 | 26.27 | 8.11 | 16.06 | 19.47 | 22.88 | 29.12 | 36.51 | 38.78 | 11.88 | 23.11 | 27.92 | 32.74 | 41.56 | 47.17 | 51.98 | 55.19 |
| | A t : °C | 98 | 77 | 74 | 71 | 68 | 66 | 66 | 90 | 74 | 71 | 69 | 67 | 65 | 64 | 86 | 73 | 70 | 68 | 66 | 65 | 65 | 64 |
| | rpm sopl. | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3300 | 3600 | 3800 |
| | rpm mtr. | 1465 | 2945 | 2945 | 2955 | 2970 | 2970 | 2970 | 1465 | 2945 | 2945 | 2955 | 2970 | 2970 | 2970 | 2945 | 2955 | 2965 | 2970 | 2970 | 2970 | 2970 | 2970 |
| | N abs Kw | 10.82 | 17.71 | 20.66 | 23.61 | 29.02 | 35.42 | 37.39 | 16.6 | 27.1 | 31.6 | 36.1 | 44.4 | 54.2 | 57.2 | 22.8 | 37.3 | 43.5 | 49.7 | 61.1 | 68.4 | 74.6 | 78.7 |
| | N motor Kw | 15 | 22 | 30 | 30 | 37 | 45 | 45 | 30 | 30 | 37 | 45 | 75 | 75 | 75 | 37 | 45 | 55 | 75 | 75 | 90 | 90 | 90 |
| | dba s.cab | 89 | 89 | 90 | 91 | 93 | 94 | 94 | 80 | 84 | 87 | 88 | 90 | 91 | 91 | 81 | 84 | 86 | 89 | 92 | 92 | 93 | 94 |
| | dba c.cab | 73 | 74 | 74 | 75 | 76 | 76 | 76 | 68 | 69 | 69 | 70 | 71 | 72 | 72 | 70 | 71 | 72 | 72 | 73 | 73 | 73 | 74 |
| 800 | Q: | | 10.32 | 12.68 | 15.03 | 19.35 | 24.45 | 26.02 | 7.80 | 15.76 | 19.16 | 22.57 | 28.82 | 36.20 | 38.48 | 11.49 | 22.71 | 27.53 | 32.34 | 41.16 | 46.77 | | |
| | A t : °C | | 90 | 86 | 83 | 79 | 76 | 76 | 106 | 86 | 83 | 80 | 77 | 75 | 74 | 101 | 84 | 81 | 79 | 76 | 75 | | |
| | rpm sopl. | | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | 1100 | 1800 | 2100 | 2400 | 2950 | 3300 | | |
| | rpm mtr. | | 2945 | 2955 | 2965 | 2970 | 2970 | 2970 | 1465 | 2945 | 2955 | 2965 | 2970 | 2970 | 2970 | 2945 | 2955 | 2965 | 2970 | 2970 | 2970 | | |
| | N abs Kw | | 20.06 | 23.41 | 26.75 | 32.88 | 40.13 | 42.36 | 18.6 | 30.5 | 35.6 | 40.7 | 50 | 61 | 64.4 | 25.7 | 42.1 | 49.1 | 56.1 | 69 | 77.2 | | |
| | N motor Kw | | 30 | 30 | 30 | 37 | 45 | 55 | 30 | 37 | 45 | 55 | 75 | 75 | 75 | 37 | 55 | 75 | 75 | 90 | 90 | | |
| | dba s.cab | | 90 | 91 | 92 | 94 | 96 | 97 | 80 | 85 | 88 | 89 | 91 | 92 | 92 | 82 | 86 | 88 | 90 | 93 | 94 | | |
| | dba c.cab | | 72 | 74 | 75 | 75 | 76 | 77 | 69 | 70 | 70 | 70 | 71 | 72 | 72 | 70 | 72 | 72 | 72 | 74 | 74 | | |
| 900 | Q: | | 10.09 | 12.45 | 14.80 | 19.12 | 24.22 | 25.79 | | 15.47 | 18.88 | 22.29 | 28.54 | 35.92 | 38.19 | | | | | | | | |
| | A t : °C | | 104 | 98 | 95 | 90 | 87 | 86 | | 99 | 94 | 91 | 88 | 85 | 84 | | | | | | | | |
| | rpm sopl. | | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | | | | | | | | |
| | rpm mtr. | | 2945 | 2965 | 2965 | 2970 | 2970 | 2970 | | 2945 | 2965 | 2965 | 2970 | 2970 | 2970 | | | | | | | | |
| | N abs Kw | | 22.42 | 26.16 | 29.89 | 36.74 | 44.84 | 47.33 | | 33.9 | 39.6 | 45.2 | 55.6 | 67.8 | 71.6 | | | | | | | | |
| | N motor Kw | | 30 | 30 | 37 | 45 | 55 | 55 | | 37 | 55 | 55 | 75 | 90 | 90 | | | | | | | | |
| | dba s.cab | | 91 | 92 | 93 | 96 | 98 | 99 | | 87 | 89 | 90 | 91 | 93 | 93 | | | | | | | | |
| | dba c.cab | | 76 | 77 | 77 | 77 | 78 | 78 | | 70 | 70 | 70 | 72 | 73 | 73 | | | | | | | | |
| 1000 | Q: | | 9.87 | 12.23 | 14.58 | 18.90 | 24.00 | 25.57 | | 15.20 | 18.61 | 22.02 | 28.27 | 35.65 | 37.92 | | | | | | | | |
| | A t : °C | | 118 | 111 | 107 | 101 | 97 | 96 | | 112 | 106 | 103 | 98 | 95 | 94 | | | | | | | | |
| | rpm sopl. | | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | | 1800 | 2100 | 2400 | 2950 | 3600 | 3800 | | | | | | | | |
| | rpm mtr. | | 2955 | 2965 | 2970 | 2970 | 2970 | 2970 | | 2955 | 2965 | 2970 | 2970 | 2970 | 2970 | | | | | | | | |
| | N abs Kw | | 24.77 | 28.90 | 33.00 | 40.60 | 49.55 | 52.30 | | 37.3 | 43.5 | 49.8 | 61.2 | 74.6 | 78.8 | | | | | | | | |
| | N motor Kw | | 30 | 37 | 37 | 55 | 75 | 75 | | 45 | 55 | 75 | 90 | 90 | 90 | | | | | | | | |
| | dba s.cab | | 90 | 93 | 93 | 96 | 99 | 102 | | 88 | 90 | 91 | 93 | 94 | 94 | | | | | | | | |
| | dba c.cab | | 82 | 82 | 82 | 82 | 83 | 84 | | 70 | 70 | 71 | 73 | 74 | 74 | | | | | | | | |

# SIZE 34

| mbar | SIZE | 34.10 / DN-200 | | | | | | 34.20 / DN-200 | | | | | | 34.30 / DN-200 | | | | 34.30 / DN-250 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | Q m3/min | 11.77 | 19.50 | 25.87 | 29.24 | 38.69 | 43.50 | 15.90 | 26.13 | 34.60 | 39.10 | 51.70 | 58.00 | 22.67 | 37.45 | 49.76 | 55.92 | 65.16 | 74.40 | 83.60 |
| | A t : °C | 33 | 30 | 28 | 28 | 27 | 27 | 32 | 30 | 28 | 28 | 27 | 27 | 33 | 30 | 28 | 28 | 27 | 27 | 27 |
| | rpm sopl. | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1350 | 1850 | 2050 | 2350 | 2650 | 2950 |
| | rpm mtr. | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |
| | N abs Kw | 7.77 | 11.61 | 14.82 | 16.5 | 21.23 | 23.63 | 13.2 | 19.8 | 25.3 | 28 | 36.2 | 40.3 | 19.3 | 28.8 | 36.8 | 40.8 | 46.8 | 52.7 | 58.7 |
| | N motor Kw | 11 | 15 | 18.5 | 18.5 | 30 | 30 | 15 | 22 | 30 | 37 | 45 | 45 | 22 | 37 | 45 | 45 | 55 | 75 | 75 |
| | dba s.cab | 92 | 94 | 98 | 99 | 100 | 100 | 77 | 79 | 83 | 86 | 89 | 91 | 80 | 82 | 85 | 88 | 90 | 92 | 94 |
| | dba c.cab | 72 | 72 | 72 | 72 | 73 | 74 | 67 | 68 | 71 | 71 | 73 | 74 | 69 | 71 | 73 | 73 | 74 | 75 | 77 |
| 400 | Q | 11.19 | 18.88 | 25.29 | 28.65 | 38.10 | 42.91 | 15.17 | 25.40 | 33.91 | 38.38 | 50.95 | 57.34 | 21.56 | 36.34 | 48.65 | 54.81 | 64.05 | 73.28 | 82.52 |
| | A t : °C | 46 | 41 | 39 | 38 | 37 | 36 | 45 | 40 | 39 | 38 | 37 | 36 | 46 | 41 | 39 | 38 | 37 | 37 | 36 |
| | rpm sopl. | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1350 | 1850 | 2050 | 2350 | 2650 | 2950 |
| | rpm mtr. | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |
| | N abs Kw | 10.36 | 15.49 | 19.76 | 22 | 28.3 | 31.51 | 16.7 | 25 | 31.8 | 35.4 | 45.6 | 50.7 | 24.3 | 36.3 | 46.3 | 51.3 | 58.8 | 66.3 | 73.8 |
| | N motor Kw | 15 | 18.5 | 22 | 30 | 37 | 37 | 18.5 | 30 | 37 | 45 | 55 | 75 | 30 | 45 | 55 | 55 | 75 | 75 | 90 |
| | dba s.cab | 92 | 93 | 95 | 96 | 97 | 97 | 78 | 80 | 85 | 87 | 90 | 91 | 81 | 82 | 86 | 89 | 91 | 93 | 95 |
| | dba c.cab | 72 | 72 | 73 | 73 | 74 | 74 | 68 | 69 | 73 | 72 | 74 | 74 | 70 | 71 | 74 | 74 | 74 | 76 | 78 |
| 500 | Q | 10.38 | 18.37 | 24.78 | 28.14 | 37.59 | 42.40 | 14.50 | 24.74 | 33.26 | 37.73 | 50.30 | 56.00 | 20.57 | 35.35 | 47.67 | 53.83 | 63.07 | 72.30 | 81.50 |
| | A t : °C | 60 | 52 | 49 | 48 | 47 | 46 | 59 | 52 | 49 | 48 | 46 | 46 | 56 | 51 | 49 | 48 | 47 | 46 | 46 |
| | rpm sopl. | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1350 | 1850 | 2050 | 2350 | 2650 | 2950 |
| | rpm mtr. | 1455 | 1450 | 1450 | 1450 | 1450 | 1450 | 1455 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |
| | N abs Kw | 12.95 | 19.36 | 24.7 | 27.5 | 35.38 | 39.38 | 20.1 | 30 | 38.4 | 42.7 | 55 | 61.2 | 29.3 | 43.7 | 55.8 | 61.8 | 70.9 | 80 | 89 |
| | N motor Kw | 15 | 22 | 30 | 37 | 45 | 45 | 22 | 37 | 45 | 55 | 75 | 75 | 37 | 55 | 75 | 75 | 90 | 90 | 110 |
| | dba s.cab | 93 | 94 | 95 | 96 | 98 | 98 | 79 | 81 | 87 | 88 | 92 | 92 | 85 | 87 | 88 | 90 | 93 | 94 | 95 |
| | dbc c.cab | 72 | 72 | 74 | 74 | 75 | 75 | 69 | 70 | 75 | 73 | 75 | 75 | 73 | 75 | 76 | 75 | 76 | 77 | 78 |
| 600 | Q | 10.21 | 17.90 | 24.31 | 27.68 | 37.13 | 41.93 | 13.93 | 24.16 | 32.68 | 37.15 | 49.72 | 56.11 | 19.70 | 34.47 | 46.78 | 52.94 | 62.18 | 71.42 | 80.65 |
| | A t : °C | 75 | 64 | 60 | 59 | 57 | 56 | 74 | 64 | 60 | 59 | 56 | 56 | 75 | 54 | 60 | 59 | 58 | 57 | 56 |
| | rpm sopl. | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1350 | 1850 | 2050 | 2350 | 2650 | 2950 |
| | rpm mtr. | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |
| | N abs Kw | 15.54 | 23.23 | 29.64 | 33 | 42.45 | 47.26 | 23.6 | 35.2 | 45 | 50.1 | 64.4 | 71.7 | 34.2 | 51.2 | 65.3 | 72.3 | 82.9 | 93.5 | 104.1 |
| | N motor Kw | 18.5 | 30 | 37 | 37 | 55 | 55 | 30 | 37 | 55 | 55 | 75 | 90 | 45 | 75 | 75 | 90 | 110 | 110 | 132 |
| | dba s.cab | 94 | 95 | 95 | 96 | 97 | 98 | 80 | 83 | 88 | 91 | 92 | 93 | 88 | 91 | 93 | 95 | 95 | 96 | 96 |
| | dba c.cab | 72 | 72 | 75 | 75 | 75 | 75 | 69 | 71 | 76 | 76 | 75 | 76 | 76 | 78 | 80 | 79 | 78 | 78 | 78 |
| 700 | Q: | 9.79 | 17.48 | 23.88 | 27.25 | 36.70 | 41.51 | 13.39 | 23.62 | 32.14 | 36.60 | 49.20 | 55.57 | 18.87 | 33.65 | 45.90 | 52.13 | 61.36 | 70.60 | 79.84 |
| | A t : °C | 92 | 77 | 72 | 70 | 67 | 66 | 90 | 76 | 71 | 70 | 66 | 66 | 92 | 77 | 72 | 70 | 68 | 67 | 66 |
| | rpm sopl. | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1350 | 1850 | 2050 | 2350 | 2650 | 2950 |
| | rpm mtr. | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |
| | N abs Kw | 18.13 | 27.1 | 34.58 | 38.5 | 49.53 | 55.14 | 27 | 40.4 | 51.5 | 57.4 | 73.8 | 82.2 | 39.2 | 58.6 | 74.8 | 83 | 95 | 107 | 119 |
| | N motor Kw | 22 | 30 | 45 | 45 | 55 | 75 | 30 | 45 | 75 | 75 | 90 | 110 | 45 | 75 | 90 | 90 | 110 | 132 | 132 |
| | dba s.cab | 95 | 96 | 96 | 98 | 99 | 101 | 81 | 84 | 89 | 92 | 93 | 94 | 89 | 93 | 96 | 96 | 97 | 98 | 98 |
| | dba c.cab | 72 | 72 | 76 | 76 | 76 | 77 | 70 | 72 | 77 | 76 | 76 | 77 | 77 | 80 | 83 | 80 | 79 | 80 | 80 |
| 800 | Q: | 9.39 | 17.08 | 23.49 | 26.85 | 36.30 | 41.11 | 12.90 | 23.11 | 31.63 | 36.11 | 48.67 | 55.06 | | | | | | | |
| | A t : °C | 109 | 90 | 83 | 81 | 7 | 76 | 106 | 89 | 83 | 81 | 77 | 75 | | | | | | | |
| | rpm sopl. | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | 970 | 1450 | 1850 | 2060 | 2650 | 2950 | | | | | | | |
| | rpm mtr. | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | | | | | | | |
| | N abs Kw | 20.72 | 30.97 | 39.52 | 44 | 56.6 | 63 | 30.5 | 45.5 | 58.1 | 64.7 | 83.2 | 92.6 | | | | | | | |
| | N motor Kw | 30 | 37 | 45 | 55 | 75 | 75 | 37 | 55 | 75 | 75 | 110 | 110 | | | | | | | |
| | dba s.cab | 98 | 99 | 100 | 101 | 102 | 103 | 81 | 85 | 91 | 94 | 95 | 95 | | | | | | | |
| | dba c.cab | 72 | 75 | 77 | 77 | 77 | 77 | 70 | 73 | 78 | 78 | 78 | 78 | | | | | | | |
| 900 | Q: | | 16.71 | 23.11 | 26.32 | 35.93 | 40.74 | | 22.64 | 31.16 | 35.64 | 48.20 | 54.59 | | | | | | | |
| | A t : °C | | 103 | 95 | 93 | 88 | 86 | | 102 | 94 | 92 | 87 | 86 | | | | | | | |
| | rpm sopl. | | 1450 | 1850 | 2050 | 2650 | 2950 | | 1450 | 1850 | 2050 | 2650 | 2950 | | | | | | | |
| | rpm mtr. | | 1450 | 1450 | 1450 | 1450 | 1450 | | 1450 | 1450 | 1450 | 1450 | 1450 | | | | | | | |
| | N abs Kw | | 34.84 | 44.46 | 49.26 | 63.68 | 70.89 | | 50.7 | 64.7 | 72 | 92.6 | 103 | | | | | | | |
| | N motor Kw | | 45 | 55 | 55 | 75 | 90 | | 55 | 75 | 90 | 110 | 132 | | | | | | | |
| | dba s.cab | | 100 | 102 | 102 | 103 | 104 | | 88 | 92 | 95 | 96 | 97 | | | | | | | |
| | dba c.cab | | 75 | 77 | 78 | 78 | 78 | | 76 | 79 | 79 | 78 | 79 | | | | | | | |
| 1000 | Q: | | 16.35 | 22.76 | 25.97 | 35.58 | 40.38 | | 22.20 | 30.72 | 35.19 | 47.76 | 54.15 | | | | | | | |
| | A t : °C | | 117 | 107 | 104 | 98 | 97 | | 115 | 106 | 103 | 98 | 96 | | | | | | | |
| | rpm sopl. | | 1450 | 1850 | 2050 | 2650 | 2950 | | 1450 | 1850 | 2050 | 2650 | 2950 | | | | | | | |
| | rpm mtr. | | 1450 | 1450 | 1450 | 1450 | 1450 | | 1450 | 1450 | 1450 | 1450 | 1450 | | | | | | | |
| | N abs Kw | | 38.72 | 49.4 | 54.74 | 70.76 | 78.77 | | 55.8 | 71.2 | 79.3 | 102 | 113.6 | | | | | | | |
| | N motor Kw | | 45 | 55 | 75 | 90 | 90 | | 75 | 90 | 90 | 132 | 132 | | | | | | | |
| | dba s.cab | | 101 | 101 | 102 | 104 | 105 | | 91 | 95 | 97 | 99 | 99 | | | | | | | |
| | dba c.cab | | 78 | 81 | 81 | 81 | 81 | | 78 | 82 | 81 | 81 | 81 | | | | | | | |

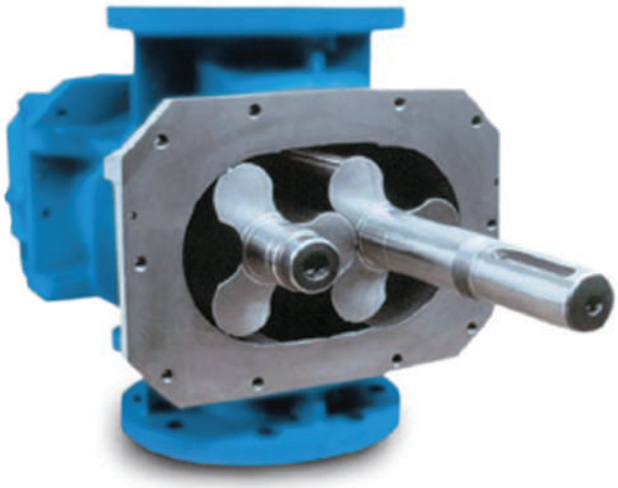
# SIZE 35

| mbar | SIZE | 35.10 / DN-200 | | | | | 35.10 / DN-250 | | 35.20 / DN-250 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | Q m3/min | 16.42 | 33.42 | 41.14 | 53.50 | 59.68 | 65.86 | 68.95 | 22.23 | 45.05 | 55.43 | 72.03 | 80.33 | 88.63 | 92.70 |
| | A t : °C | 33 | 29 | 28 | 27 | 27 | 27 | 27 | 33 | 29 | 28 | 27 | 27 | 27 | 26 |
| | rpm sopl. | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 |
| | rpm mtr. | 1475 | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | 1475 | 1480 | 1485 | 1485 | 1480 | 1480 | 1480 |
| | N abs Kw | 12.4 | 22.2 | 26.6 | 33.7 | 37.3 | 40.8 | 42.6 | 17.3 | 30.9 | 37.1 | 47 | 52 | 56.9 | 59.4 |
| | N motor Kw | 18.5 | 30 | 30 | 45 | 45 | 55 | 55 | 30 | 45 | 55 | 75 | 75 | 75 | 75 |
| | dba s.cab | 82 | 85 | 86 | 90 | 91 | 92 | 92 | 83 | 85 | 86 | 89 | 91 | 92 | 92 |
| | dba c.cab | 71 | 73 | 74 | 74 | 74 | 75 | 76 | 72 | 73 | 74 | 73 | 74 | 75 | 75 |
| 400 | Q | 15.62 | 32.61 | 40.34 | 52.70 | 58.88 | 65.06 | 68.15 | 21.17 | 44.00 | 54.37 | 70.97 | 79.27 | 87.57 | 91.72 |
| | A t : °C | 46 | 39 | 38 | 37 | 37 | 36 | 36 | 46 | 39 | 38 | 37 | 37 | 36 | 36 |
| | rpm sopl. | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 |
| | rpm mtr. | 1475 | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | 980 | 1475 | 1480 | 1480 | 1480 | 1480 | 1485 |
| | N abs Kw | 16 | 28.6 | 34.4 | 43.5 | 48.1 | 52.7 | 55 | 22.2 | 39.6 | 47.5 | 60.2 | 66.5 | 72.8 | 76 |
| | N motor Kw | 18.5 | 30 | 37 | 55 | 55 | 75 | 75 | 37 | 55 | 75 | 90 | 90 | 90 | 90 |
| | dba s.cab | 84 | 86 | 87 | 91 | 92 | 93 | 94 | 84 | 86 | 86 | 89 | 91 | 92 | 93 |
| | dba c.cab | 73 | 74 | 75 | 74 | 75 | 76 | 77 | 73 | 74 | 74 | 73 | 74 | 75 | 76 |
| 500 | Q | 14.91 | 31.90 | 39.63 | 51.99 | 58.17 | 64.35 | 67.44 | 20.24 | 43.07 | 53.44 | 70.04 | 78.34 | 86.64 | 90.74 |
| | A t : °C | 60 | 50 | 49 | 47 | 46 | 46 | 46 | 60 | 50 | 48 | 47 | 46 | 46 | 45 |
| | rpm sopl. | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 |
| | rpm mtr. | 1475 | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | 982 | 1480 | 1480 | 1485 | 1485 | 1485 | 1485 |
| | N abs Kw | 19.6 | 35.1 | 42.1 | 53.3 | 58.9 | 64.5 | 67.3 | 27 | 48.2 | 57.9 | 73.3 | 81 | 88.7 | 92.6 |
| | N motor Kw | 30 | 45 | 55 | 75 | 75 | 75 | 90 | 45 | 75 | 75 | 110 | 110 | 110 | 110 |
| | dba s.cab | 85 | 87 | 89 | 93 | 93 | 94 | 95 | 86 | 89 | 90 | 91 | 92 | 93 | 93 |
| | dbc c.cab | 74 | 75 | 77 | 76 | 76 | 77 | 78 | 75 | 77 | 77 | 74 | 75 | 76 | 76 |
| 600 | Q | 14.27 | 31.26 | 38.99 | 51.35 | 57.53 | 63.71 | 66.80 | 19.40 | 42.23 | 52.60 | 69.20 | 77.50 | 85.80 | 89.95 |
| | A t : °C | 76 | 62 | 59 | 57 | 56 | 56 | 55 | 75 | 61 | 59 | 57 | 56 | 55 | 55 |
| | rpm sopl. | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 |
| | rpm mtr. | 1475 | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | 982 | 1480 | 1480 | 1485 | 1485 | 1485 | 1485 |
| | N abs Kw | 23.2 | 41.5 | 49.8 | 63.1 | 69.7 | 76.4 | 79.7 | 31.9 | 56.9 | 68.3 | 86.5 | 95.6 | 104.7 | 109.2 |
| | N motor Kw | 30 | 55 | 55 | 75 | 90 | 90 | 90 | 55 | 90 | 90 | 110 | 132 | 132 | 132 |
| | dba s.cab | 87 | 93 | 94 | 95 | 96 | 96 | 96 | 88 | 90 | 91 | 92 | 93 | 94 | 95 |
| | dba c.cab | 75 | 80 | 81 | 78 | 78 | 78 | 79 | 76 | 77 | 78 | 75 | 76 | 77 | 78 |
| 700 | Q: | 13.68 | 30.67 | 38.40 | 50.76 | 56.94 | 63.12 | 66.21 | 18.63 | 41.45 | 51.83 | 68.43 | 76.73 | 85.03 | 89.18 |
| | A t : °C | 92 | 73 | 70 | 67 | 66 | 65 | 65 | 91 | 73 | 70 | 67 | 66 | 65 | 64 |
| | rpm sopl. | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 |
| | rpm mtr. | 1475 | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | 982 | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 |
| | N abs Kw | 26.8 | 47.9 | 57.5 | 72.9 | 80.5 | 88.2 | 92 | 36.7 | 65.5 | 78.6 | 99.6 | 110.1 | 120.6 | 125.8 |
| | N motor Kw | 30 | 55 | 75 | 90 | 90 | 110 | 110 | 55 | 90 | 110 | 132 | 160 | 160 | 160 |
| | dba s.cab | 88 | 94 | 95 | 95 | 96 | 96 | 97 | 90 | 92 | 93 | 94 | 95 | 96 | 98 |
| | dba c.cab | 76 | 81 | 82 | 78 | 78 | 78 | 80 | 78 | 79 | 80 | 77 | 78 | 78 | 80 |
| 800 | Q: | 13.13 | 30.12 | 37.85 | 50.21 | 56.39 | 62.57 | 65.66 | 17.91 | 40.73 | 51.11 | 67.71 | 76.01 | 84.31 | 88.46 |
| | A t : °C | 109 | 85 | 81 | 78 | 76 | 75 | 75 | 108 | 85 | 81 | 77 | 76 | 75 | 74 |
| | rpm sopl. | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | 700 | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 |
| | rpm mtr. | 1475 | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | 985 | 1485 | 1485 | 1485 | 1485 | 1485 | 1485 |
| | N abs Kw | 30.5 | 54.4 | 65.3 | 82.7 | 91.4 | 100.1 | 104.4 | 41.5 | 74.2 | 89 | 112.7 | 136.5 | 142.4 | 142.4 |
| | N motor Kw | 45 | 75 | 75 | 110 | 110 | 132 | 132 | 75 | 110 | 132 | 160 | 160 | 160 | 160 |
| | dba s.cab | 90 | 95 | 95 | 97 | 97 | 97 | 98 | 93 | 94 | 95 | 96 | 97 | 98 | 99 |
| | dba c.cab | 78 | 82 | 82 | 79 | 79 | 79 | 80 | 81 | 81 | 82 | 78 | 79 | 80 | 81 |
| 900 | Q: | | 29.6 | 37.3 | 49.7 | 55.9 | 62.0 | 65.0 | | | | | | | |
| | A t : °C | | 97 | 93 | 88 | 87 | 86 | 85 | | | | | | | |
| | rpm sopl. | | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | | | | | | | |
| | rpm mtr. | | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | | | | | | | |
| | N abs Kw | | 60.8 | 73 | 92.4 | 102.2 | 112 | 117 | | | | | | | |
| | N motor Kw | | 75 | 90 | 110 | 132 | 132 | 132 | | | | | | | |
| | dba s.cab | | 95 | 96 | 97 | 98 | 98 | 99 | | | | | | | |
| | dba c.cab | | 82 | 83 | 79 | 80 | 80 | 81 | | | | | | | |
| 1000 | Q: | | 29.1 | 36.8 | 49.2 | 55.4 | 61.5 | 64.6 | | | | | | | |
| | A t : °C | | 110 | 104 | 99 | 97 | 96 | 95 | | | | | | | |
| | rpm sopl. | | 1250 | 1500 | 1900 | 2100 | 2300 | 2400 | | | | | | | |
| | rpm mtr. | | 1480 | 1485 | 1485 | 1485 | 1485 | 1485 | | | | | | | |
| | N abs Kw | | 97 | 97 | 98 | 99 | 99 | 100 | | | | | | | |
| | N motor Kw | | 75 | 90 | 132 | 132 | 160 | 160 | | | | | | | |
| | dba s.cab | | 96 | 97 | 98 | 99 | 100 | 100 | | | | | | | |
| | dba c.cab | | 83 | 83 | 80 | 81 | 82 | 82 | | | | | | | |

# SIZE 36

| mbar | SIZE | 36.10 / DN-250 | | | | | | 36.20 / DN-300 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | Q m3/min | 33.96 | 58.00 | 64.01 | 76.03 | 82.04 | 100.00 | 51.89 | 88.21 | 97.29 | 115.45 | 124.53 | 151.77 |
| | A t : °C | 31 | 28 | 28 | 27 | 27 | 27 | 31 | 28 | 28 | 27 | 27 | 26 |
| | rpm sopl. | 700 | 1100 | 1200 | 1400 | 1500 | 1800 | 700 | 1100 | 1200 | 1400 | 1500 | 1800 |
| | rpm mtr. | 982 | 1480 | 1480 | 1480 | 1485 | 1480 | 982 | 1480 | 1480 | 1480 | 1485 | 1480 |
| | N abs Kw | 22.79 | 35.81 | 39.06 | 45.57 | 48.83 | 58.59 | 38.1 | 59.8 | 65.3 | 76.2 | 81.6 | 97.9 |
| | N motor Kw | 30 | 45 | 45 | 55 | 55 | 75 | 55 | 75 | 90 | 90 | 110 | 132 |
| | dba s.cab | 92 | 92 | 92 | 93 | | 95 | 87 | 88 | 88 | 89 | 90 | 94 |
| | dba c.cab | 80 | 80 | 80 | 81 | | 82 | 75 | 76 | 76 | 77 | 77 | 80 |
| 400 | Q | 32.71 | 56.75 | 62.76 | 74.78 | 80.79 | 98.82 | 50.08 | 86.40 | 95.48 | 113.64 | 122.72 | 149.96 |
| | A t : °C | 42 | 38 | 38 | 37 | 37 | 36 | 42 | 38 | 38 | 37 | 37 | 36 |
| | rpm sopl. | 700 | 1100 | 1200 | 1400 | 1500 | 1800 | 700 | 1100 | 1200 | 1400 | 1500 | 1800 |
| | rpm mtr. | 985 | 1485 | 1485 | 1485 | 1485 | 1480 | 985 | 1485 | 1485 | 1485 | 1485 | 1480 |
| | N abs Kw | 29.8 | 46.82 | 51.08 | 59.59 | 63.85 | 76.62 | 48.7 | 76.5 | 83.4 | 97.3 | 104.3 | 125.2 |
| | N motor Kw | 37 | 55 | 75 | 75 | 90 | 110 | 75 | 110 | 110 | 132 | 132 | 160 |
| | dba s.cab | 92 | 94 | 94 | 94 | | 97 | 88 | 90 | 91 | 92 | 93 | 95 |
| | dba c.cab | 82 | 82 | 82 | 83 | | 88 | 76 | 77 | 78 | 79 | 79 | 80 |
| 500 | Q | 31.61 | 55.65 | 61.66 | 73.68 | 79.69 | 97.72 | 48.49 | 84.81 | 93.89 | 112.05 | 121.13 | 148.37 |
| | A t : °C | 55 | 49 | 48 | 47 | 47 | 46 | 54 | 49 | 48 | 47 | 47 | 45 |
| | rpm sopl. | 700 | 1100 | 1200 | 1400 | 1500 | 1800 | 700 | 1100 | 1200 | 1400 | 1500 | 1800 |
| | rpm mtr. | 985 | 1485 | 1485 | 1485 | 1485 | 1480 | 985 | 1485 | 1485 | 1485 | 1485 | 1480 |
| | N abs Kw | 36.81 | 57.84 | 63.1 | 73.62 | 78.88 | 94.65 | 59.3 | 93.1 | 101.6 | 118.5 | 127 | 152.4 |
| | N motor Kw | 45 | 75 | 90 | 110 | 110 | 132 | 90 | 132 | 132 | 160 | 160 | 200 |
| | dba s.cab | 94 | 94 | 95 | 96 | | 98 | 90 | 93 | 94 | 94 | 95 | 97 |
| | dbc c.cab | 82 | 82 | 82 | 82 | | 85 | 85 | 80 | 81 | 81 | 81 | 82 |
| 600 | Q | 30.61 | 54.65 | 60.66 | 72.68 | 78.69 | 96.72 | 47.05 | 83.37 | 92.45 | 110.61 | 119.69 | 146.93 |
| | A t : °C | 68 | 60 | 59 | 57 | 57 | 55 | 67 | 60 | 59 | 57 | 57 | 55 |
| | rpm sopl. | 700 | 1100 | 1200 | 1400 | 1500 | 1800 | 700 | 1100 | 1200 | 1400 | 1500 | 1800 |
| | rpm mtr. | 985 | 1485 | 1485 | 1485 | 1485 | 1480 | 985 | 1485 | 1485 | 1485 | 1485 | 1480 |
| | N abs Kw | 43.82 | 68.86 | 75.12 | 87.64 | 93.9 | 112.68 | 69.9 | 109.8 | 119.8 | 139.7 | 149.7 | 179.6 |
| | N motor Kw | 55 | 90 | 110 | 110 | 132 | 160 | 110 | 160 | 160 | 200 | 200 | 200 |
| | dba s.cab | 97 | 98 | 98 | 98 | | 100 | 92 | 94 | 95 | 95 | 96 | 98 |
| | dba c.cab | 83 | 83 | 84 | 84 | | 86 | 79 | 81 | 82 | 82 | 82 | 83 |
| 700 | Q: | 29.69 | 53.73 | 59.74 | 71.76 | 77.77 | 95.80 | 45.73 | 82.05 | 91.13 | 109.29 | 118.37 | 145.91 |
| | A t : °C | 82 | 71 | 70 | 68 | 67 | 65 | 81 | 71 | 69 | 68 | 67 | 56 |
| | rpm sopl. | 700 | 1100 | 1200 | 1400 | 1500 | 1800 | 700 | 1100 | 1200 | 1400 | 1500 | 1800 |
| | rpm mtr. | 986 | 1485 | 1485 | 1485 | 1488 | 1480 | 986 | 1485 | 1485 | 1485 | 1488 | 1480 |
| | N abs Kw | 50.83 | 79.88 | 87.14 | 101.65 | 108.93 | 130.71 | 80.5 | 126.4 | 137.9 | 160.9 | 172.4 | 206.9 |
| | N motor Kw | 75 | 110 | 132 | 132 | 160 | 200 | 132 | 160 | 200 | 200 | 250 | 250 |
| | dba s.cab | 98 | 98 | 98 | 98 | | 102 | 93 | 94 | 96 | 96 | 97 | 99 |
| | dba c.cab | 84 | 84 | 85 | 87 | | 89 | 80 | 81 | 83 | 83 | 83 | 84 |
| 800 | Q: | 28.83 | 52.87 | 58.88 | 70.90 | 76.91 | 94.94 | 44.50 | 80.82 | 89.90 | 108.06 | 117.14 | 144.38 |
| | A t : °C | 96 | 83 | 81 | 78 | 77 | 75 | 95 | 82 | 80 | 78 | 77 | 75 |
| | rpm sopl. | 700 | 1100 | 1200 | 1400 | 1500 | 1800 | 700 | 1100 | 1200 | 1400 | 1500 | 1800 |
| | rpm mtr. | 988 | 1485 | 1485 | 1488 | 1488 | 1480 | 988 | 1485 | 1485 | 1488 | 1488 | 1480 |
| | N abs Kw | 57.84 | 90.9 | 99.16 | 115.69 | 123.95 | 148.74 | 91 | 143.1 | 156.1 | 182.1 | 195.1 | 234.1 |
| | N motor Kw | 75 | 160 | 160 | 160 | 160 | 200 | 160 | 200 | 200 | 250 | 250 | 315 |
| | dba s.cab | 98 | 99 | 100 | 100 | | 103 | 95 | 96 | 97 | 98 | 99 | 100 |
| | dba c.cab | 84 | 84 | 84 | 87 | | 90 | 82 | 83 | 83 | 84 | 84 | 85 |
| 900 | Q: | 34.04 | 52.07 | 58.08 | 70.10 | 76.11 | 94.14 | | | | | | |
| | A t : °C | 105 | 94 | 92 | 89 | 88 | 85 | | | | | | |
| | rpm sopl. | 800 | 1100 | 1200 | 1400 | 1500 | 1800 | | | | | | |
| | rpm mtr. | 988 | 1485 | 1485 | 1488 | 1488 | 1480 | | | | | | |
| | N abs Kw | 74.12 | 101.92 | 111.18 | 129.71 | 139 | 166.77 | | | | | | |
| | N motor Kw | 110 | 132 | 160 | 160 | 200 | 250 | | | | | | |
| | dba s.cab | 100 | 100 | 101 | 103 | 103 | 105 | | | | | | |
| | dba c.cab | 88 | 88 | 88 | 88 | 90 | 91 | | | | | | |
| 1000 | Q: | | 51.31 | 57.32 | 69.34 | 75.35 | 93.38 | | | | | | |
| | A t : °C | | 106 | 104 | 100 | 99 | 96 | | | | | | |
| | rpm sopl. | | 1100 | 1200 | 1400 | 1500 | 1800 | | | | | | |
| | rpm mtr. | | 1485 | 1485 | 1488 | 1488 | 1480 | | | | | | |
| | N abs Kw | | 112.93 | 123.2 | 143.73 | 154 | 184.8 | | | | | | |
| | N motor Kw | | 160 | 160 | 200 | 200 | 250 | | | | | | |
| | dba s.cab | | 101 | 102 | 104 | 104 | 107 | | | | | | |
| | dba c.cab | | 90 | 90 | 90 | 90 | 93 | | | | | | |

# TYPE RNT BLOWER



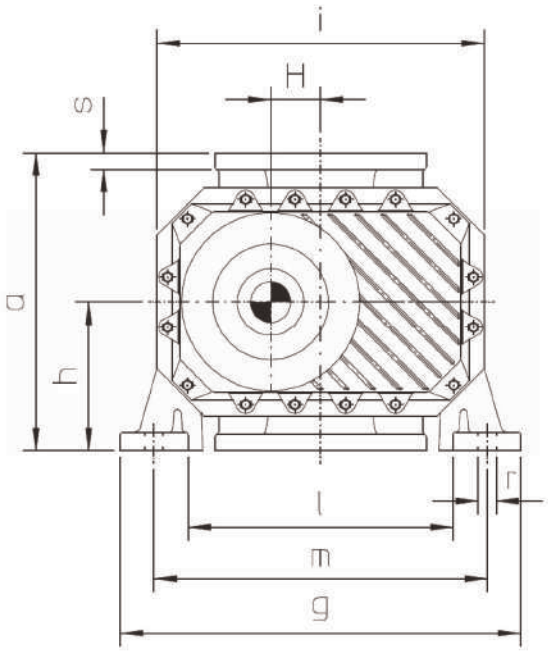
This blower is provided with dynamically balanced tri-lobe rotors. Housed in a cast iron casing, the blower has a specific system on the outlet side that obtains a progressive compression and, consequently, a reduction of the pulsation at the point where it starts.

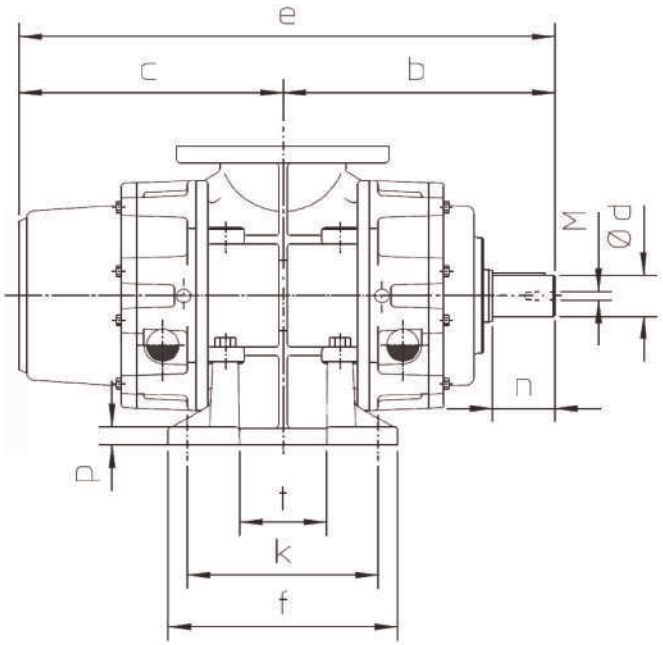
The unit's helical gears are hardened and grounded according DIN-6. A conical fitting on the shaft provides splash lubrication to both gears and bearings. The sealing between the cylinder and oil housings is through a labyrinth segment seal and intermediate condenser holes. A radial lip seal guarantees the drive shaft sealing.

| MATERIALS OF CONSTRUCTION | |
|---|---|
| Cylinder headplate gear & bearing housing | Cast iron GG-20 |
| Shaft-Piston - sizes 30.10 to 33.30 | CK-45 forged steel |
| Pistons - sizes 34.10 to 36.20 | GGG-50 nodular casting |
| Shafts - sizes 34.10 to 36.20 | CK-45 steel |
| Gears | 18 Cr mo 4 steel hardened and ground |

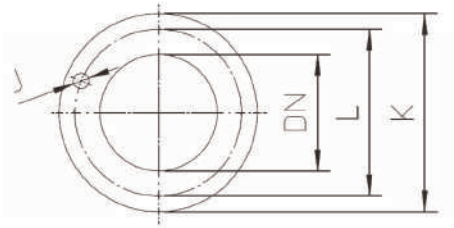
# BARE SHAFT BLOWERS - DIMENSIONS & WEIGHTS

| SIZE | DN | a | b | c | d | e | f | g | h | i | k | l | m | n | p | r | s | t | u | v | H | | | K | L | M | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.10 | 50 | 276 | 238 | 222 | 28 | 460 | 148 | 313 | 138 | 255 | 118 | 173 | 253 | 84 | 18 | 14 | 18 | 12 | 31 | 8 | 37.5 | 18 | 4 | 165 | 125 | M8 | 67 |
| 30.20 | 80 | 276 | 258 | 242 | 28 | 500 | 188 | 313 | 138 | 255 | 158 | 173 | 253 | 84 | 20 | 14 | 20 | 52 | 31 | 8 | 37.5 | 18 | 4 | 200 | 160 | M8 | 75 |
| 30.30 | 80 | 276 | 283 | 267 | 28 | 550 | 238 | 313 | 138 | 255 | 208 | 173 | 253 | 84 | 20 | 14 | 20 | 102 | 31 | 8 | 37.5 | 18 | 4 | 200 | 160 | M8 | 85 |
| 31.10 | 80 | 320 | 299 | 276 | 38 | 575 | 214 | 357 | 160 | 290 | 174 | 217 | 289 | 101 | 20 | 18 | 20 | 65 | 414 | 10 | 43 | 18 | 4 | 200 | 160 | M8 | 67 |
| 31.20 | 100 | 320 | 324 | 292 | 38 | 616 | 270 | 357 | 160 | 290 | 230 | 217 | 289 | 101 | 20 | 18 | 20 | 116 | 414 | 10 | 43 | 18 | 8 | 220 | 180 | M8 | 112 |
| 31.30 | 100 | 320 | 374 | 342 | 38 | 716 | 370 | 357 | 160 | 290 | 330 | 217 | 289 | 101 | 20 | 18 | 20 | 216 | 414 | 10 | 43 | 18 | 8 | 220 | 180 | M8 | 132 |
| 32.10 | 100 | 350 | 346 | 317 | 45 | 663 | 246 | 434 | 175 | 360 | 202 | 252 | 354 | 123 | 23 | 18 | 20 | 75 | 48.6 | 14 | 53 | 18 | 8 | 220 | 180 | M12 | 100 |
| 32.20 | 100 | 350 | 374 | 345 | 45 | 719 | 327 | 434 | 175 | 360 | 282 | 252 | 354 | 123 | 23 | 18 | 20 | 151 | 48.6 | 14 | 53 | 18 | 8 | 220 | 180 | M12 | 198 |
| 32.30 | 150 | 350 | 430 | 402 | 45 | 832 | 439 | 434 | 175 | 360 | 394 | 252 | 354 | 123 | 23 | 18 | 22 | 263 | 48.6 | 14 | 53 | 23 | 8 | 285 | 240 | M12 | 236 |
| 33.10 | 150 | 400 | 381 | 353 | 55 | 734 | 308 | 534 | 200 | 435 | 256 | 314 | 444 | 143 | 25 | 24 | 22 | 115 | 58.9 | 16 | 67 | 23 | 8 | 285 | 240 | M12 | 280 |
| 33.20 | 150 | 400 | 434 | 399 | 55 | 833 | 412 | 534 | 200 | 435 | 362 | 314 | 444 | 143 | 25 | 24 | 22 | 222 | 58.9 | 16 | 67 | 23 | 8 | 285 | 240 | M12 | 315 |
| 33.30 | 150 | 400 | 504 | 469 | 55 | 973 | 552 | 534 | 200 | 435 | 502 | 314 | 444 | 143 | 25 | 24 | 22 | 362 | 58.9 | 16 | 67 | 23 | 8 | 285 | 240 | M12 | 373 |
| 34.10 | 150 | 500 | 461 | 414 | 60 | 875 | 252 | 592 | 250 | 534 | 177 | 392 | 528 | 125 | 40 | 24 | 26 | 102 | 64.3 | 18 | 85 | 23 | 8 | 285 | 240 | M20 | 390 |
| 34.20 | 200 | 500 | 536 | 469 | 60 | 1005 | 363 | 592 | 250 | 534 | 288 | 392 | 528 | 125 | 40 | 24 | 26 | 213 | 64.3 | 18 | 85 | 23 | 8 | 340 | 295 | M20 | 428 |
| 34.30 | 200 | 500 | 627 | 560 | 60 | 1187 | 544 | 592 | 250 | 534 | 469 | 392 | 528 | 125 | 40 | 24 | 26 | 394 | 64.3 | 18 | 85 | 23 | 8 | 340 | 295 | M20 | 455 |
| 35.10 | 200 | 630 | 522 | 463 | 70 | 985 | 329 | 728 | 315 | 644 | 249 | 488 | 638 | 150 | 45 | 24 | 26 | 169 | 74.7 | 20 | 106 | 23 | 8 | 340 | 295 | M20 | 600 |
| 35.20 | 250 | 630 | 587 | 528 | 70 | 1.115 | 458 | 728 | 315 | 644 | 378 | 488 | 638 | 150 | 45 | 24 | 28 | 298 | 74.7 | 20 | 106 | 23 | 12 | 395 | 350 | M20 | 670 |
| 36.10 | 250 | 780 | 601 | 559 | 90 | 1160 | 390 | 946 | 390 | 800 | 280 | 626 | 846 | 190 | 55 | 24 | 28 | 170 | 95.4 | 25 | 135 | 23 | 12 | 395 | 350 | M24 | 1,220 |
| 36.20 | 300 | 780 | 768 | 664 | 90 | 1.432 | 620 | 946 | 390 | 800 | 510 | 626 | 846 | 190 | 55 | 24 | 28 | 400 | 95.4 | 25 | 135 | 23 | 12 | 445 | 400 | M24 | 1,400 |

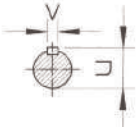



Chaveta / *Fitting key as per DIN 6885*
Tolerancia ejes: / *Shaft tolerance up to*
<ø 50 ISA k6 ; <ø 50 ISA k6



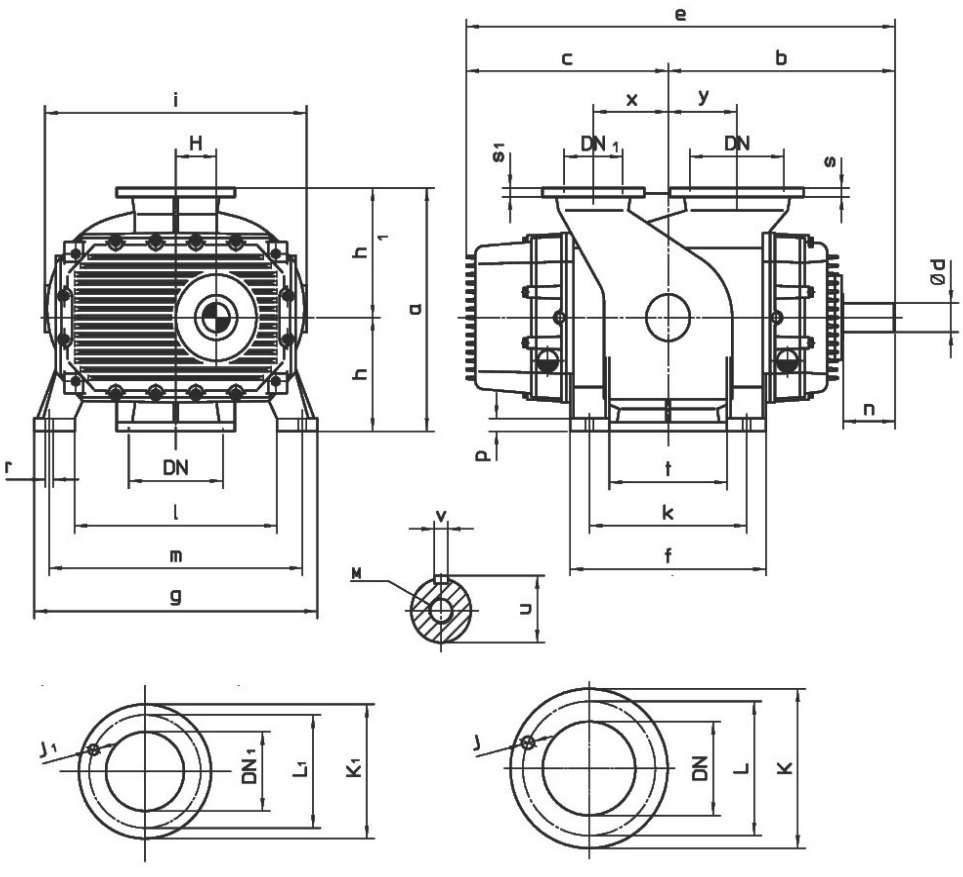

Bridas / *Flages DIN 2532*



# TRUCK VACUUM BLOWERS RNTP

Pedro Gil's innovative new technology provides optimum performance up to 8,000 m3/hr and 800 mbar vacuum.

A brand new pre-admission cooling design ensures 30 deg C reduction in operating temperature, without the need for water cooling in truck vacuum applications.



# TECHNICAL SPECIFICATIONS

| BLOWER MODEL | MAX PRESSURE (MBAR) | MAXIMUM SPEED (RPM) | MAX FLOW ($M^3/H$) |
|---|---|---|---|
| RNTP-30.20 | 900 | 4,700 | 330 |
| RNTP-31.20 | 900 | 4,700 | 650 |
| RNTP-32.20 | 800 | 4,700 | 1,200 |
| RNTP-33.20 | 1,000 | 3,700 | 2,275 |
| RNTP-34.20 | 1,000 | 3,000 | 3,300 |
| RNTP-35.20 | 800 | 2,300 | 5,100 |
| RNTP-36.20 | 800 | 1,700 | 8,100 |

| Size | DN | DN1 | a | b | c | d | e | f | g | h | h1 | i | j | k | l | m | n | p | r |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.20 | 80 | 50 | 340 | 270 | 245 | 28 | 515 | 138 | 290 | 140 | 200 | 326 | 90 | 118 | 253 | 253 | 70 | 20 | 14 |
| 31.20 | 100 | 50 | 370 | 327 | 304 | 38 | 631 | 210 | 340 | 160 | 210 | 346 | 156 | 134 | 290 | 290 | 85 | 20 | 19 |
| 32.20 | 100 | 80 | 410 | 386 | 357 | 45 | 743 | 256 | 426 | 180 | 230 | 436 | 196 | 160 | 346 | 346 | 105 | 20 | 19 |
| 33.20 | 150 | 100 | 450 | 434 | 406 | 55 | 840 | 324 | 520 | 200 | 250 | 512 | 264 | 208 | 464 | 464 | 100 | 22 | 24 |
| 34.20 | 200 | 100 | 550 | 536 | 469 | 60 | 1,005 | 363 | 592 | 250 | 300 | 622 | 300 | 390 | 528 | 528 | 125 | 24 | 24 |
| 35.20 | 250 | 150 | 680 | 586 | 528 | 70 | 1,114 | 458 | 728 | 315 | 365 | 706 | 392 | 508 | 638 | 638 | 150 | 30 | 24 |
| 36.20 | 300 | 200 | 760 | 768 | 664 | 90 | 1,432 | 654 | 946 | 355 | 405 | 864 | 548 | 676 | 846 | 846 | 193 | 40 | 24 |

| s | s1 | t | u | v | x | y | H | J | | k | l | J1 | | K1 | L1 | M | WEIGHT (KG) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | o | n | | | o | n | | | | |
| 20 | 18 | - | 31 | 8 | 103 | 97 | 37.5 | 18 | 4 | 200 | 160 | 18 | 4 | 165 | 125 | M.8 | 94 |
| 20 | 18 | 94 | 41.4 | 10 | 120 | 100 | 43 | 18 | 8 | 220 | 180 | 18 | 4 | 165 | 125 | M.8 | 137 |
| 20 | 20 | 128 | 48.6 | 14 | 125 | 115 | 53 | 18 | 8 | 220 | 180 | 18 | 4 | 200 | 160 | M.12 | 231 |
| 22 | 22 | 184 | 58.9 | 16 | 160 | 130 | 67 | 23 | 8 | 285 | 240 | 18 | 8 | 220 | 180 | M.12 | 349 |
| 24 | 24 | 213 | 64.3 | 18 | 195 | 125 | 85 | 23 | 8 | 340 | 295 | 18 | 8 | 220 | 180 | M.20 | 470 |
| 28 | 26 | 332 | 74.7 | 20 | 210 | 200 | 106 | 23 | 12 | 395 | 350 | 23 | 8 | 285 | 240 | M.20 | 700 |
| 28 | 26 | 434 | 95.4 | 25 | 250 | 230 | 135 | 23 | 12 | 445 | 400 | 23 | 8 | 340 | 295 | M.24 | 1,410 |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# 24/7 BLOWER SERVICING

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CAPS' flexible service programs achieve smarter productivity by being designed to minimise equipment faults and unscheduled downtime which can cost you thousands straight off your bottom line.

With decades of experience servicing blowers, we provide the comprehensive support you need to make ownership of your key industrial compressed air equipment easy.

Our approach to preventative maintenance aims to reduce your operating costs and interruptions to your production.

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