



**KUBÍČEK**

**DMYCHADLA  
ROOTS BLOWERS**

**BLOWER UNITS**

Parameter catalogue – overpressure

**ВОЗДУХОДУВНЫЙ АГРЕГАТ**

Каталог параметров – избыточное давление

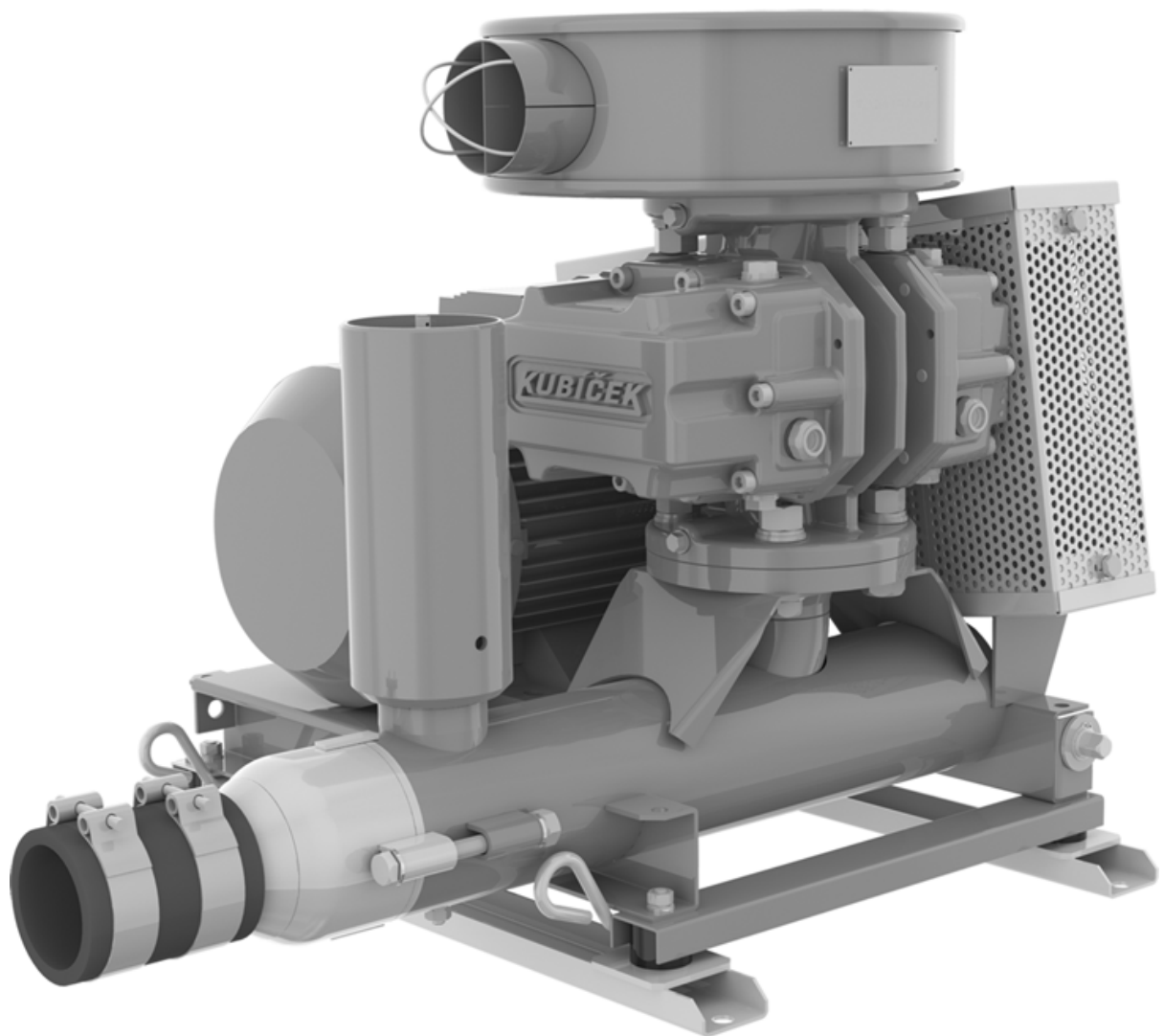
$\Delta p = 0 - 100 \text{ kPa}$

$Q = 10 \text{ m}^3/\text{h} - 20\,000 \text{ m}^3/\text{h}$

[www.kubicekvhs.cz](http://www.kubicekvhs.cz)



## **DMYCHADLA ROOTS BLOWERS**



- Low operating costs
- Space saving design
- Low vibrations, pulsations, noise level
- Higher efficiency

- низкие эксплуатационные расходы
- малые габариты
- низкие вибрации
- высшая эффективность

# BLOWERS TYPE NOMENCLATURE – ОБОЗНАЧЕНИЕ ТИПОВ ВОЗДУХОДУВОК

**3 D 28 B – 080 K**

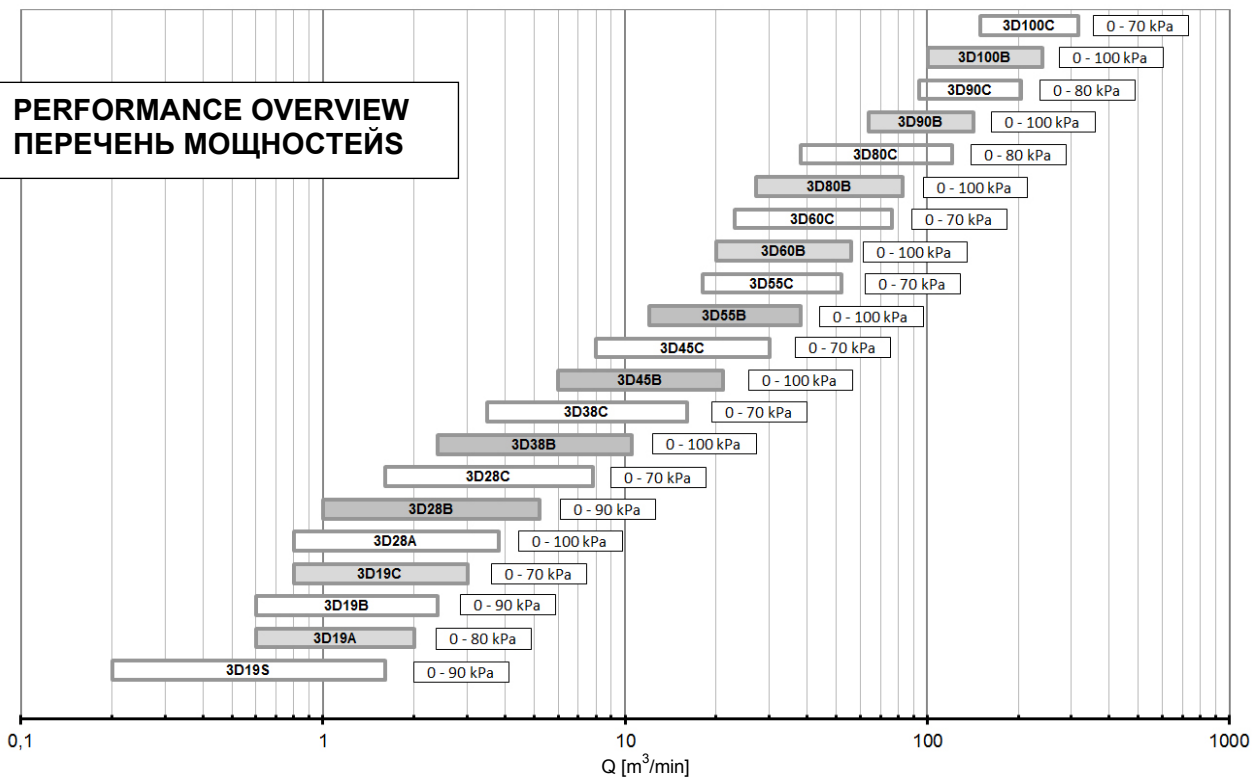
## Blower – Воздуходувка

- 3** three lobe rotors – трехзубчатые роторы
- D** standard type (air) – стандартный тип (воздух)
- DB** with pre-inlet cooling – давление ниже атмосферного
- DPx** gas tight (Ex - proof design) – газонепроницаемые (Ex взрывобезопасное исполнение)
- XX** size (Ø of input shaft) – величина (диаметр входного вала)
- X** width of cylinder housing – ширина корпуса

## Unit – Установка

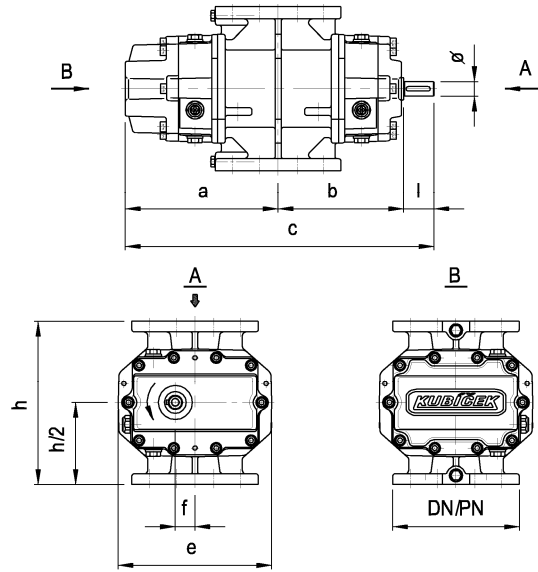
- XXX** size of accessories (DN) – размеры принадлежностей (DN)
- K / E** acoustic hood -протмвошуиувуй колпак indoor - для размещения в машинном зале / outdoor - для размещения в внешней среде

## PERFORMANCE OVERVIEW ПЕРЕЧЕНЬ МОЩНОСТЕЙ



## DIMENSIONS OF BLOWERS - ГАБАРИТЫ ВОЗДУХОДУВОК

| typ    | DN/PN  | a   | b   | c    | e    | f     | h    | ∅   | l   | m    |    |
|--------|--------|-----|-----|------|------|-------|------|-----|-----|------|----|
|        |        | mm  |     |      |      |       |      |     |     |      | kg |
| 3D19S  | 50/16  | 162 | 126 | 328  | 203  | 26    | 216  | 19  | 40  | 28   |    |
| 3D19A  | 50/16  | 172 | 136 | 348  | 203  | 26    | 216  | 19  | 40  | 34   |    |
| 3D19B  | 50/16  | 182 | 146 | 368  | 203  | 26    | 216  | 19  | 40  | 36   |    |
| 3D19C  | 50/16  | 202 | 166 | 408  | 203  | 26    | 216  | 19  | 40  | 40   |    |
| 3D28A  | 50/16  | 214 | 151 | 435  | 258  | 34    | 264  | 28  | 70  | 62   |    |
| 3D28B  | 80/16  | 236 | 172 | 478  | 258  | 34    | 264  | 28  | 70  | 69   |    |
| 3D28C  | 80/16  | 276 | 214 | 560  | 258  | 34    | 264  | 28  | 70  | 80   |    |
| 3D38B  | 100/16 | 272 | 204 | 561  | 297  | 42,6  | 320  | 38  | 85  | 109  |    |
| 3D38C  | 100/16 | 322 | 254 | 661  | 297  | 42,6  | 320  | 38  | 85  | 125  |    |
| 3D45B  | 150/16 | 320 | 239 | 664  | 360  | 53,3  | 360  | 45  | 105 | 164  |    |
| 3D45C  | 150/16 | 376 | 295 | 776  | 360  | 53,3  | 360  | 45  | 105 | 193  |    |
| 3D55B  | 150/16 | 375 | 282 | 757  | 430  | 67,5  | 400  | 55  | 100 | 270  |    |
| 3D55C  | 200/10 | 445 | 352 | 897  | 430  | 67,5  | 400  | 55  | 100 | 325  |    |
| 3D60B  | 200/10 | 455 | 336 | 941  | 534  | 84    | 500  | 60  | 150 | 480  |    |
| 3D60C  | 250/10 | 543 | 425 | 1118 | 534  | 84    | 500  | 60  | 150 | 550  |    |
| 3D80B  | 250/10 | 523 | 405 | 1108 | 652  | 106   | 630  | 80  | 180 | 755  |    |
| 3D80C  | 300/10 | 638 | 520 | 1338 | 652  | 106   | 630  | 80  | 180 | 980  |    |
| 3D90B  | 300/10 | 640 | 510 | 1375 | 770  | 135   | 630  | 90  | 225 | 1242 |    |
| 3D90C  | 400/10 | 793 | 664 | 1682 | 770  | 135   | 800  | 90  | 225 | 1575 |    |
| 3D100B | 400/10 | 782 | 702 | 1709 | 1000 | 167,5 | 800  | 100 | 225 | 2150 |    |
| 3D100C | 500/10 | 917 | 837 | 1979 | 1000 | 167,5 | 1000 | 100 | 225 | 2605 |    |



### USED SYMBOLS AND UNITS

|            |                       |   |
|------------|-----------------------|---|
| $\Delta p$ | [kPa]                 | pressure difference   |
| Q          | [m <sup>3</sup> /min] | intake volume   |
| $n_1$      | [1/min]               | electric motor speed  |
| $n_2$      | [1/min]               | blower speed  |
| $p_1$      | [kPa]                 | suction pressure (absolut)  |
| $P_1$      | [kW]                  | power of electric motor   |
| $P_2$      | [kW]                  | power at blower shaft   |
| $t_1$      | [°C]                  | intake temperature  |
| $t_2$      | [°C]                  | discharge temperature   |
| $\rho_1$   | [kg/m <sup>3</sup> ]  | air specific weight at inlet  |
| Typ motoru |                       | electric motor type   |
| $L_p(A)$   | [dB]                  | emitted noise pressure level A from single unit at a distance of 1 m on ČSN ISO 3746 and ČSN EN ISO 11 203 (without / with acoustic hood) |

### ИСПОЛЬЗОВАННЫЕ ОБОЗНАЧЕНИЯ И ЕДИНИЦЫ

|            |                       |  |
|------------|-----------------------|--|
| $\Delta p$ | [kPa]                 | разница давления   |
| Q          | [m <sup>3</sup> /min] | проточность газа на входе  |
| $n_1$      | [1/min]               | число оборотов электродвигателя  |
| $n_2$      | [1/min]               | число оборотов воздуходувки  |
| $p_1$      | [kPa]                 | давление на стороне всасывания (абсолютное)  |
| $P_1$      | [kW]                  | мощность электродвигателя  |
| $P_2$      | [kW]                  | потребляемая мощность воздуходувки   |
| $t_1$      | [°C]                  | температура на стороне всасывания  |
| $t_2$      | [°C]                  | температура на стороне выхлопа   |
| $\rho_1$   | [kg/m <sup>3</sup> ]  | плотность воздуха на стороне всасывания  |
| Typ motoru |                       | тип двигателя  |
| $L_p(A)$   | [dB]                  | излучаемый уровень акустического давления A от одной установки на расстоянии 1 м согласно (чешского стандарта) ČSN ISO 3746 и ČSN EN ISO 11 203 (без/ с противозумовым колпаком) |











Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20^\circ\text{C}$ ,  $\rho = 1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101$  кПа (кПа),  $t_1=20^\circ\text{C}$ ,  $\rho = 1,2\text{кг/м}^3$ , газ: воздух)

2013-07

| $\Delta p$<br>kPa |                    | <b>3D28A-080</b>         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
|-------------------|--------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| <b>10</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> | <b>1,32</b> | <b>1,52</b> | <b>1,64</b> | <b>1,77</b> | <b>1,89</b> | <b>2,03</b> | <b>2,18</b> | <b>2,34</b> | <b>2,49</b> | <b>2,64</b> | <b>2,82</b> | <b>3,01</b> | <b>3,22</b> | <b>3,43</b> | <b>3,67</b> | <b>3,89</b> |  |
|                   | n <sub>2</sub>     | 1/min                    | 1742        | 1944        | 2054        | 2182        | 2305        | 2441        | 2588        | 2746        | 2890        | 3042        | 3211        | 3404        | 3604        | 3808        | 4046        | 4263        |  |
|                   | P <sub>2</sub>     | kW                       | 0,43        | 0,48        | 0,51        | 0,55        | 0,60        | 0,65        | 0,70        | 0,77        | 0,84        | 0,91        | 1,00        | 1,10        | 1,22        | 1,35        | 1,51        | 1,67        |  |
|                   | P <sub>1</sub>     | kW                       | 0,75        | 0,75        | 1,1         | 1,1         | 1,1         | 1,1         | 1,1         | 1,5         | 1,5         | 1,5         | 1,5         | 1,5         | 2,2         | 2,2         | 2,2         | 2,2         |  |
|                   | n <sub>1</sub>     | 1/min                    | 1400        | 1400        | 2875        | 2875        | 2875        | 2875        | 2875        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        |  |
|                   | El. motor          |                          | 80          | 80          | 80          | 80          | 80          | 80          | 80          | 90S         | 90S         | 90S         | 90S         | 90S         | 90L         | 90L         | 90L         | 90L         |  |
|                   | t <sub>2</sub>     | °C                       | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 29          | 29          | 29          |  |
|                   | L <sub>p</sub> (A) | dB                       | 70/55       | 71/56       | 72/57       | 73/58       | 74/59       | 74/60       | 75/60       | 76/61       | 77/62       | 77/63       | 78/64       | 79/65       | 80/66       | 81/67       | 82/68       | 82/69       |  |
| <b>20</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> | <b>1,19</b> | <b>1,41</b> | <b>1,47</b> | <b>1,60</b> | <b>1,73</b> | <b>1,86</b> | <b>2,01</b> | <b>2,16</b> | <b>2,31</b> | <b>2,46</b> | <b>2,64</b> | <b>2,83</b> | <b>3,04</b> | <b>3,25</b> | <b>3,49</b> | <b>3,71</b> |  |
|                   | n <sub>2</sub>     | 1/min                    | 1792        | 2006        | 2064        | 2193        | 2317        | 2454        | 2601        | 2746        | 2890        | 3042        | 3211        | 3404        | 3604        | 3809        | 4047        | 4264        |  |
|                   | P <sub>2</sub>     | kW                       | 0,70        | 0,79        | 0,82        | 0,88        | 0,94        | 1,01        | 1,09        | 1,17        | 1,25        | 1,34        | 1,45        | 1,57        | 1,70        | 1,85        | 2,02        | 2,18        |  |
|                   | P <sub>1</sub>     | kW                       | 1,1         | 1,5         | 1,5         | 1,5         | 1,5         | 1,5         | 1,5         | 1,5         | 2,2         | 2,2         | 2,2         | 2,2         | 2,2         | 3           | 3           | 3           |  |
|                   | n <sub>1</sub>     | 1/min                    | 1440        | 1445        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2891        | 2891        | 2891        |  |
|                   | El. motor          |                          | 90S         | 90L         | 90S         | 90S         | 90S         | 90S         | 90S         | 90S         | 90L         | 90L         | 90L         | 90L         | 90L         | 100L        | 100L        | 100L        |  |
|                   | t <sub>2</sub>     | °C                       | 52          | 49          | 49          | 48          | 47          | 46          | 45          | 44          | 43          | 42          | 42          | 41          | 41          | 40          | 40          | 40          |  |
|                   | L <sub>p</sub> (A) | dB                       | 72/56       | 73/58       | 74/58       | 74/59       | 75/60       | 76/61       | 77/62       | 77/62       | 78/63       | 79/64       | 80/65       | 80/66       | 81/67       | 82/68       | 83/69       | 83/70       |  |
| <b>30</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> | <b>1,06</b> | <b>1,27</b> | <b>1,33</b> | <b>1,46</b> | <b>1,59</b> | <b>1,73</b> | <b>1,88</b> | <b>2,02</b> | <b>2,17</b> | <b>2,33</b> | <b>2,50</b> | <b>2,69</b> | <b>2,90</b> | <b>3,10</b> | <b>3,38</b> | <b>3,60</b> |  |
|                   | n <sub>2</sub>     | 1/min                    | 1798        | 2006        | 2064        | 2193        | 2317        | 2454        | 2601        | 2746        | 2890        | 3043        | 3212        | 3405        | 3605        | 3809        | 4080        | 4298        |  |
|                   | P <sub>2</sub>     | kW                       | 1,00        | 1,13        | 1,16        | 1,25        | 1,33        | 1,42        | 1,53        | 1,63        | 1,74        | 1,85        | 1,99        | 2,14        | 2,31        | 2,49        | 2,73        | 2,93        |  |
|                   | P <sub>1</sub>     | kW                       | 1,5         | 1,5         | 1,5         | 2,2         | 2,2         | 2,2         | 2,2         | 2,2         | 2,2         | 3           | 3           | 3           | 3           | 3           | 4           | 4           |  |
|                   | n <sub>1</sub>     | 1/min                    | 1445        | 1445        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2890        | 2891        | 2891        | 2891        | 2891        | 2891        | 2914        | 2914        |  |
|                   | El. motor          |                          | 90L         | 90L         | 90S         | 90L         | 90L         | 90L         | 90L         | 90L         | 90L         | 100L        | 100L        | 100L        | 100L        | 100L        | 112M        | 112M        |  |
|                   | t <sub>2</sub>     | °C                       | 70          | 67          | 66          | 65          | 63          | 62          | 60          | 59          | 58          | 57          | 56          | 54          | 53          | 53          | 52          | 52          |  |
|                   | L <sub>p</sub> (A) | dB                       | 75/58       | 76/59       | 77/59       | 77/60       | 78/60       | 78/61       | 79/61       | 80/62       | 81/62       | 81/63       | 82/64       | 83/64       | 84/65       | 85/66       | 86/67       | 87/68       |  |
| <b>40</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> | <b>0,94</b> | <b>1,15</b> | <b>1,22</b> | <b>1,35</b> | <b>1,47</b> | <b>1,61</b> | <b>1,76</b> | <b>1,91</b> | <b>2,05</b> | <b>2,21</b> | <b>2,40</b> | <b>2,62</b> | <b>2,80</b> | <b>3,01</b> | <b>3,29</b> | <b>3,51</b> |  |
|                   | n <sub>2</sub>     | 1/min                    | 1792        | 1999        | 2064        | 2193        | 2317        | 2455        | 2602        | 2746        | 2891        | 3043        | 3238        | 3432        | 3634        | 3840        | 4112        | 4332        |  |
|                   | P <sub>2</sub>     | kW                       | 1,31        | 1,48        | 1,54        | 1,65        | 1,76        | 1,88        | 2,01        | 2,14        | 2,27        | 2,41        | 2,59        | 2,77        | 2,96        | 3,16        | 3,43        | 3,65        |  |
|                   | P <sub>1</sub>     | kW                       | 2,2         | 2,2         | 2,2         | 2,2         | 2,2         | 3           | 3           | 3           | 3           | 3           | 4           | 4           | 4           | 4           | 5,5         | 5,5         |  |
|                   | n <sub>1</sub>     | 1/min                    | 1440        | 1440        | 2890        | 2890        | 2890        | 2891        | 2891        | 2891        | 2891        | 2891        | 2914        | 2914        | 2914        | 2914        | 2937        | 2937        |  |
|                   | El. motor          |                          | 100L        | 100L        | 90L         | 90L         | 90L         | 100L        | 100L        | 100L        | 100L        | 100L        | 112M        | 112M        | 112M        | 112M        | 132S        | 132S        |  |
|                   | t <sub>2</sub>     | °C                       | 86          | 83          | 82          | 80          | 79          | 77          | 75          | 73          | 72          | 70          | 68          | 67          | 65          | 64          | 63          | 62          |  |
|                   | L <sub>p</sub> (A) | dB                       | 74/59       | 75/60       | 76/60       | 76/61       | 77/61       | 78/62       | 78/62       | 79/63       | 80/63       | 80/64       | 81/65       | 82/66       | 83/67       | 84/68       | 86/69       | 87/70       |  |
| <b>50</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> | <b>1,06</b> | <b>1,12</b> | <b>1,25</b> | <b>1,38</b> | <b>1,51</b> | <b>1,66</b> | <b>1,83</b> | <b>1,98</b> | <b>2,13</b> | <b>2,30</b> | <b>2,53</b> | <b>2,73</b> | <b>2,94</b> | <b>3,19</b> | <b>3,41</b> | <b>3,63</b> |  |
|                   | n <sub>2</sub>     | 1/min                    | 1999        | 2065        | 2194        | 2318        | 2455        | 2602        | 2768        | 2914        | 3067        | 3238        | 3459        | 3663        | 3870        | 4112        | 4332        |             |  |
|                   | P <sub>2</sub>     | kW                       | 1,83        | 1,90        | 2,02        | 2,14        | 2,28        | 2,43        | 2,61        | 2,77        | 2,94        | 3,14        | 3,40        | 3,65        | 3,91        | 4,22        | 4,51        |             |  |
|                   | P <sub>1</sub>     | kW                       | 3           | 3           | 3           | 3           | 3           | 3           | 4           | 4           | 4           | 4           | 5,5         | 5,5         | 5,5         | 5,5         | 5,5         |             |  |
|                   | n <sub>1</sub>     | 1/min                    | 1440        | 2891        | 2891        | 2891        | 2891        | 2891        | 2914        | 2914        | 2914        | 2914        | 2937        | 2937        | 2937        | 2937        | 2937        |             |  |
|                   | El. motor          |                          | 100L        | 100L        | 100L        | 100L        | 100L        | 100L        | 112M        | 112M        | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        |             |  |
|                   | t <sub>2</sub>     | °C                       | 100         | 98          | 96          | 95          | 93          | 91          | 89          | 87          | 86          | 84          | 82          | 81          | 80          | 79          | 79          |             |  |
|                   | L <sub>p</sub> (A) | dB                       | 78/60       | 78/60       | 78/61       | 79/62       | 80/62       | 80/63       | 81/63       | 82/64       | 82/65       | 83/66       | 84/67       | 85/67       | 86/68       | 87/70       | 88/71       |             |  |
| <b>60</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> | <b>0,96</b> | <b>1,02</b> | <b>1,15</b> | <b>1,30</b> | <b>1,44</b> | <b>1,58</b> | <b>1,73</b> | <b>1,88</b> | <b>2,06</b> | <b>2,23</b> | <b>2,43</b> | <b>2,63</b> | <b>2,84</b> | <b>3,09</b> | <b>3,31</b> | <b>3,51</b> |  |
|                   | n <sub>2</sub>     | 1/min                    | 1999        | 2065        | 2194        | 2337        | 2474        | 2623        | 2768        | 2914        | 3092        | 3263        | 3459        | 3663        | 3870        | 4116        | 4337        |             |  |
|                   | P <sub>2</sub>     | kW                       | 2,17        | 2,24        | 2,37        | 2,51        | 2,68        | 2,85        | 3,02        | 3,19        | 3,41        | 3,63        | 3,90        | 4,18        | 4,47        | 4,84        | 5,18        |             |  |
|                   | P <sub>1</sub>     | kW                       | 3           | 3           | 3           | 4           | 4           | 4           | 4           | 4           | 5,5         | 5,5         | 5,5         | 5,5         | 5,5         | 7,5         | 7,5         |             |  |
|                   | n <sub>1</sub>     | 1/min                    | 1440        | 2891        | 2891        | 2914        | 2914        | 2914        | 2914        | 2914        | 2937        | 2937        | 2937        | 2937        | 2937        | 2940        | 2940        |             |  |
|                   | El. motor          |                          | 100L        | 100L        | 100L        | 112M        | 112M        | 112M        | 112M        | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        |             |  |
|                   | t <sub>2</sub>     | °C                       | 117         | 116         | 114         | 111         | 109         | 106         | 104         | 102         | 99          | 97          | 95          | 93          | 92          | 90          | 90          |             |  |
|                   | L <sub>p</sub> (A) | dB                       | 79/61       | 79/61       | 80/62       | 80/63       | 81/63       | 82/64       | 82/64       | 83/65       | 83/66       | 84/67       | 85/67       | 86/68       | 87/69       | 88/70       | 89/71       |             |  |
| <b>70</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> |             |             |             | <b>1,21</b> | <b>1,35</b> | <b>1,49</b> | <b>1,66</b> | <b>1,81</b> | <b>1,97</b> | <b>2,14</b> | <b>2,34</b> | <b>2,55</b> | <b>2,76</b> | <b>3,00</b> | <b>3,22</b> | <b>3,41</b> |  |
|                   | n <sub>2</sub>     | 1/min                    |             |             |             | 2337        | 2474        | 2623        | 2790        | 2937        | 3092        | 3263        | 3459        | 3666        | 3874        | 4116        | 4337        |             |  |
|                   | P <sub>2</sub>     | kW                       |             |             |             | 2,92        | 3,10        | 3,30        | 3,54        | 3,74        | 3,97        | 4,23        | 4,53        | 4,85        | 5,19        | 5,60        | 5,98        |             |  |
|                   | P <sub>1</sub>     | kW                       |             |             |             | 4           | 4           | 4           | 5,5         | 5,5         | 5,5         | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         |             |  |
|                   | n <sub>1</sub>     | 1/min                    |             |             |             | 2914        | 2914        | 2914        | 2937        | 2937        | 2937        | 2937        | 2937        | 2940        | 2940        | 2940        | 2940        |             |  |
|                   | El. motor          |                          |             |             |             | 112M        | 112M        | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        |             |  |
|                   | t <sub>2</sub>     | °C                       |             |             |             | 130         | 127         | 123         | 120         | 117         | 114         | 111         | 108         | 105         | 103         | 101         | 100         |             |  |
|                   | L <sub>p</sub> (A) | dB                       |             |             |             | 82/63       | 82/64       | 83/65       | 84/66       | 84/66       | 85/67       | 86/68       | 86/69       | 87/69       | 88/70       | 89/71       | 89/72       |             |  |
| <b>80</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> |             |             |             |             |             | <b>1,61</b> | <b>1,75</b> | <b>1,91</b> | <b>2,08</b> | <b>2,27</b> | <b>2,47</b> | <b>2,67</b> | <b>2,91</b> | <b>3,12</b> | <b>3,31</b> | <b>3,51</b> |  |
|                   | n <sub>2</sub>     | 1/min                    |             |             |             |             |             | 2790        | 2937        | 3092        | 3267        | 3463        | 3666        | 3874        | 4116        | 4337        |             |             |  |
|                   | P <sub>2</sub>     | kW                       |             |             |             |             |             | 4,01        | 4,24        | 4,48        | 4,76        | 5,08        | 5,43        | 5,80        | 6,25        | 6,67        |             |             |  |
|                   | P <sub>1</sub>     | kW                       |             |             |             |             |             | 5,5         | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         |             |             |  |
|                   | n <sub>1</sub>     | 1/min                    |             |             |             |             |             | 2937        | 2937        | 2937        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        |             |             |  |
|                   | El. motor          |                          |             |             |             |             |             | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        |             |             |  |
|                   | t <sub>2</sub>     | °C                       |             |             |             |             |             | 138         | 134         | 130         | 126         | 122         | 118         | 115         | 111         | 108         |             |             |  |
|                   | L <sub>p</sub> (A) | dB                       |             |             |             |             |             | 85/67       | 86/67       | 86/68       | 87/69       | 88/70       | 88/71       | 89/72       | 90/73       | 90/74       |             |             |  |
| <b>90</b>         | <b>Q</b>           | <b>m<sup>3</sup>/min</b> |             |             |             |             |             |             |             |             |             |             |             |             | <b>2,38</b> | <b>2,58</b> | <b>2,80</b> | <b>3,01</b> |  |
|                   | n <sub>2</sub>     | 1/min                    |             |             |             |             |             |             |             |             |             |             |             |             | 3666        | 3874        | 4102        | 4322        |  |
|                   | P <sub>2</sub>     | kW                       |             |             |             |             |             |             |             |             |             |             |             |             | 6,10        | 6,56        | 7,07        | 7,56        |  |
|                   | P <sub>1</sub>     | kW                       |             |             |             |             |             |             |             |             |             |             |             |             | 7,5         | 7,5         | 11          | 11          |  |
|                   | n <sub>1</sub>     | 1/min                    |             |             |             |             |             |             |             |             |             |             |             |             | 2940        | 2940        | 2930        | 2930        |  |
|                   | El. motor          |                          |             |             |             |             |             |             |             |             |             |             |             |             | 132S        | 132S        | 160M        | 160M        |  |
|                   | t <sub>2</sub>     | °C                       |             |             |             |             |             |             |             |             |             |             |             |             | 134         | 129         | 124         | 120         |  |
|                   | L <sub>p</sub> (A) | dB                       |             |             |             |             |             |             |             |             |             |             |             |             | 90/72       | 90/73       | 91/74       | 92/74       |  |
| <b>100</b>        |                    |                          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |





Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20^{\circ}\text{C}$ ,  $\rho = 1,2\text{kg/m}^3$ , medium: air)  
Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{kPa}$  (кПа),  $t_1=20^{\circ}\text{C}$ ,  $\rho = 1,2\text{кр/м}^3$ , газ: воздух)

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| $\Delta p$<br>kPa |           | <b>3D38B-100</b>         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|-----------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>10</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>3,01</b> | <b>3,48</b> | <b>4,00</b> | <b>4,58</b> | <b>4,74</b> | <b>5,10</b> | <b>5,44</b> | <b>5,82</b> | <b>6,23</b> | <b>6,64</b> | <b>7,04</b> | <b>7,47</b> | <b>7,94</b> | <b>8,47</b> | <b>9,11</b> | <b>9,69</b> | <b>10,4</b> |
|                   | $n_2$     | 1/min                    | 1445        | 1612        | 1798        | 2006        | 2064        | 2193        | 2317        | 2454        | 2601        | 2746        | 2891        | 3043        | 3212        | 3405        | 3634        | 3840        | 4080        |
|                   | $P_2$     | kW                       | 0,88        | 0,96        | 1,06        | 1,19        | 1,23        | 1,32        | 1,41        | 1,52        | 1,64        | 1,77        | 1,91        | 2,06        | 2,24        | 2,46        | 2,74        | 3,00        | 3,33        |
|                   | $P_1$     | kW                       | 1,5         | 1,5         | 1,5         | 1,5         | 2,2         | 2,2         | 2,2         | 2,2         | 2,2         | 3           | 3           | 3           | 3           | 3           | 4           | 4           | 4           |
|                   | $n_1$     | 1/min                    | 1445        | 1445        | 1445        | 1445        | 2890        | 2890        | 2890        | 2890        | 2890        | 2891        | 2891        | 2891        | 2891        | 2891        | 2914        | 2914        | 2914        |
|                   | El. motor |                          | 90L         | 90L         | 90L         | 90L         | 90L         | 90L         | 90L         | 90L         | 90L         | 100L        | 100L        | 100L        | 100L        | 100L        | 112M        | 112M        | 112M        |
|                   | $t_2$     | $^{\circ}\text{C}$       | 33          | 32          | 32          | 31          | 31          | 31          | 31          | 30          | 30          | 30          | 30          | 30          | 29          | 29          | 29          | 29          | 29          |
|                   | $L_p(A)$  | dB                       | 72/63       | 73/64       | 74/65       | 76/66       | 76/67       | 77/67       | 77/68       | 78/69       | 79/70       | 80/70       | 81/71       | 81/71       | 82/72       | 83/73       | 84/73       | 85/74       | 86/74       |
| <b>20</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>2,83</b> | <b>3,29</b> | <b>3,81</b> | <b>4,38</b> | <b>4,57</b> | <b>4,93</b> | <b>5,32</b> | <b>5,71</b> | <b>6,12</b> | <b>6,53</b> | <b>7,00</b> | <b>7,43</b> | <b>7,91</b> | <b>8,45</b> | <b>9,02</b> | <b>9,61</b> | <b>10,3</b> |
|                   | $n_2$     | 1/min                    | 1440        | 1607        | 1792        | 1999        | 2065        | 2194        | 2337        | 2474        | 2623        | 2768        | 2937        | 3092        | 3263        | 3459        | 3663        | 3874        | 4116        |
|                   | $P_2$     | kW                       | 1,62        | 1,78        | 1,96        | 2,18        | 2,25        | 2,40        | 2,57        | 2,75        | 2,94        | 3,14        | 3,38        | 3,60        | 3,87        | 4,18        | 4,52        | 4,89        | 5,33        |
|                   | $P_1$     | kW                       | 2,2         | 3           | 3           | 3           | 3           | 3           | 4           | 4           | 4           | 4           | 5,5         | 5,5         | 5,5         | 5,5         | 5,5         | 5,5         | 7,5         |
|                   | $n_1$     | 1/min                    | 1440        | 1440        | 1440        | 1440        | 2891        | 2891        | 2914        | 2914        | 2914        | 2914        | 2937        | 2937        | 2937        | 2937        | 2937        | 2940        | 2940        |
|                   | El. motor |                          | 100L        | 100L        | 100L        | 100L        | 100L        | 112M        | 112M        | 112M        | 112M        | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        |
|                   | $t_2$     | $^{\circ}\text{C}$       | 46          | 45          | 43          | 42          | 42          | 42          | 41          | 41          | 40          | 40          | 39          | 39          | 39          | 39          | 38          | 38          | 37          |
|                   | $L_p(A)$  | dB                       | 73/64       | 74/65       | 75/66       | 76/67       | 77/67       | 78/68       | 78/69       | 79/70       | 80/70       | 81/71       | 82/72       | 82/72       | 83/73       | 84/73       | 85/74       | 86/74       | 87/75       |
| <b>30</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>2,65</b> | <b>3,13</b> | <b>3,65</b> | <b>4,23</b> | <b>4,44</b> | <b>4,85</b> | <b>5,20</b> | <b>5,59</b> | <b>6,01</b> | <b>6,42</b> | <b>6,83</b> | <b>7,26</b> | <b>7,74</b> | <b>8,29</b> | <b>8,86</b> | <b>9,44</b> | <b>10,1</b> |
|                   | $n_2$     | 1/min                    | 1440        | 1612        | 1798        | 2006        | 2081        | 2229        | 2355        | 2494        | 2643        | 2790        | 2940        | 3095        | 3267        | 3463        | 3666        | 3874        | 4102        |
|                   | $P_2$     | kW                       | 2,35        | 2,59        | 2,86        | 3,18        | 3,30        | 3,54        | 3,75        | 3,99        | 4,25        | 4,52        | 4,80        | 5,10        | 5,44        | 5,84        | 6,28        | 6,73        | 7,25        |
|                   | $P_1$     | kW                       | 3           | 4           | 4           | 4           | 4           | 5,5         | 5,5         | 5,5         | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 11          |
|                   | $n_1$     | 1/min                    | 1440        | 1445        | 1445        | 1445        | 2914        | 2937        | 2937        | 2937        | 2937        | 2937        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2930        |
|                   | El. motor |                          | 100L        | 112M        | 112M        | 112M        | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 160M        | 160M        | 160M        | 160M        |
|                   | $t_2$     | $^{\circ}\text{C}$       | 58          | 57          | 55          | 54          | 53          | 52          | 52          | 51          | 50          | 50          | 49          | 49          | 48          | 48          | 47          | 47          | 46          |
|                   | $L_p(A)$  | dB                       | 74/65       | 75/66       | 76/67       | 77/68       | 78/68       | 79/69       | 79/70       | 80/70       | 81/71       | 82/71       | 82/72       | 83/73       | 84/73       | 85/74       | 86/74       | 87/75       | 87/75       |
| <b>40</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>2,45</b> | <b>2,94</b> | <b>3,47</b> | <b>4,05</b> | <b>4,27</b> | <b>4,64</b> | <b>5,00</b> | <b>5,38</b> | <b>5,80</b> | <b>6,21</b> | <b>6,62</b> | <b>7,05</b> | <b>7,50</b> | <b>8,05</b> | <b>8,62</b> | <b>9,19</b> | <b>9,87</b> |
|                   | $n_2$     | 1/min                    | 1445        | 1623        | 1811        | 2020        | 2098        | 2229        | 2358        | 2496        | 2646        | 2793        | 2940        | 3095        | 3256        | 3451        | 3654        | 3861        | 4102        |
|                   | $P_2$     | kW                       | 3,04        | 3,37        | 3,73        | 4,15        | 4,31        | 4,58        | 4,85        | 5,16        | 5,49        | 5,83        | 6,17        | 6,54        | 6,94        | 7,43        | 7,95        | 8,50        | 9,16        |
|                   | $P_1$     | kW                       | 4           | 5,5         | 5,5         | 5,5         | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 11          | 11          | 11          | 11          | 11          |
|                   | $n_1$     | 1/min                    | 1445        | 1455        | 1455        | 1455        | 2937        | 2937        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2930        | 2930        | 2930        | 2930        | 2930        |
|                   | El. motor |                          | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 160M        | 160M        | 160M        | 160M        | 160M        |
|                   | $t_2$     | $^{\circ}\text{C}$       | 76          | 73          | 70          | 67          | 67          | 65          | 64          | 63          | 63          | 62          | 61          | 61          | 60          | 60          | 60          | 59          | 59          |
|                   | $L_p(A)$  | dB                       | 75/65       | 76/66       | 77/67       | 78/68       | 79/69       | 80/69       | 80/70       | 81/71       | 82/71       | 82/72       | 83/72       | 84/73       | 85/73       | 86/74       | 87/75       | 87/75       | 88/76       |
| <b>50</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> |             | <b>2,76</b> | <b>3,28</b> | <b>3,86</b> | <b>4,09</b> | <b>4,45</b> | <b>4,81</b> | <b>5,19</b> | <b>5,61</b> | <b>6,00</b> | <b>6,41</b> | <b>6,84</b> | <b>7,31</b> | <b>7,86</b> | <b>8,43</b> | <b>9,01</b> | <b>9,69</b> |
|                   | $n_2$     | 1/min                    |             | 1623        | 1811        | 2020        | 2100        | 2231        | 2358        | 2496        | 2646        | 2784        | 2930        | 3084        | 3256        | 3451        | 3654        | 3861        | 4102        |
|                   | $P_2$     | kW                       |             | 4,13        | 4,58        | 5,09        | 5,29        | 5,63        | 5,96        | 6,33        | 6,73        | 7,11        | 7,52        | 7,96        | 8,45        | 9,03        | 9,65        | 10,3        | 11,1        |
|                   | $P_1$     | kW                       |             | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 11          | 11          | 11          | 11          | 11          | 11          | 15          | 15          |
|                   | $n_1$     | 1/min                    |             | 1455        | 1455        | 1455        | 2940        | 2940        | 2940        | 2940        | 2940        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        |
|                   | El. motor |                          |             | 132S        | 132S        | 132M        | 132S        | 132S        | 132S        | 132S        | 132S        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        |
|                   | $t_2$     | $^{\circ}\text{C}$       |             | 90          | 86          | 83          | 82          | 80          | 78          | 77          | 76          | 75          | 74          | 73          | 73          | 73          | 72          | 72          | 72          |
|                   | $L_p(A)$  | dB                       |             | 77/67       | 78/68       | 79/69       | 80/69       | 81/70       | 81/71       | 82/71       | 83/72       | 83/72       | 84/73       | 85/73       | 85/74       | 86/75       | 87/75       | 88/76       | 89/76       |
| <b>60</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> |             | <b>2,57</b> | <b>3,10</b> | <b>3,69</b> | <b>3,91</b> | <b>4,28</b> | <b>4,61</b> | <b>5,00</b> | <b>5,42</b> | <b>5,83</b> | <b>6,25</b> | <b>6,68</b> | <b>7,16</b> | <b>7,71</b> | <b>8,28</b> | <b>8,87</b> | <b>9,55</b> |
|                   | $n_2$     | 1/min                    |             | 1623        | 1811        | 2020        | 2100        | 2231        | 2350        | 2488        | 2637        | 2784        | 2930        | 3084        | 3256        | 3451        | 3654        | 3861        | 4102        |
|                   | $P_2$     | kW                       |             | 4,89        | 5,42        | 6,03        | 6,26        | 6,66        | 7,02        | 7,44        | 7,91        | 8,38        | 8,86        | 9,37        | 9,95        | 10,7        | 11,4        | 12,1        | 13,0        |
|                   | $P_1$     | kW                       |             | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 11          | 11          | 11          | 11          | 11          | 11          | 11          | 15          | 15          | 15          | 15          |
|                   | $n_1$     | 1/min                    |             | 1455        | 1455        | 1455        | 2940        | 2940        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        |
|                   | El. motor |                          |             | 132M        | 132M        | 132M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        |
|                   | $t_2$     | $^{\circ}\text{C}$       |             | 110         | 104         | 98          | 96          | 93          | 91          | 89          | 87          | 85          | 84          | 83          | 82          | 81          | 80          | 80          | 79          |
|                   | $L_p(A)$  | dB                       |             | 79/68       | 80/69       | 81/70       | 81/70       | 82/71       | 82/71       | 83/72       | 84/72       | 84/73       | 85/73       | 86/74       | 87/75       | 88/76       | 89/76       | 89/76       | 90/77       |
| <b>70</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> |             | <b>2,94</b> | <b>3,55</b> | <b>3,73</b> | <b>4,10</b> | <b>4,45</b> | <b>4,84</b> | <b>5,26</b> | <b>5,67</b> | <b>6,08</b> | <b>6,51</b> | <b>6,99</b> | <b>7,54</b> | <b>8,11</b> | <b>8,71</b> | <b>9,39</b> |             |
|                   | $n_2$     | 1/min                    |             | 1811        | 2027        | 2093        | 2224        | 2350        | 2488        | 2637        | 2784        | 2930        | 3084        | 3256        | 3451        | 3654        | 3870        | 4112        |             |
|                   | $P_2$     | kW                       |             | 6,31        | 7,04        | 7,27        | 7,72        | 8,16        | 8,65        | 9,2         | 9,7         | 10,3        | 10,9        | 11,5        | 12,3        | 13,1        | 14,0        | 15,0        |             |
|                   | $P_1$     | kW                       |             | 7,5         | 11          | 11          | 11          | 11          | 11          | 11          | 11          | 15          | 15          | 15          | 15          | 15          | 18,5        | 18,5        |             |
|                   | $n_1$     | 1/min                    |             | 1455        | 1460        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2937        | 2937        |             |
|                   | El. motor |                          |             | 132M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        |             |
|                   | $t_2$     | $^{\circ}\text{C}$       |             | 125         | 117         | 115         | 111         | 108         | 105         | 102         | 100         | 98          | 97          | 96          | 95          | 94          | 94          | 93          |             |
|                   | $L_p(A)$  | dB                       |             | 81/69       | 82/70       | 82/71       | 83/71       | 83/72       | 84/72       | 85/73       | 85/73       | 86/74       | 87/74       | 87/75       | 88/76       | 89/76       | 89/77       | 90/77       |             |
| <b>80</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> |             |             |             | <b>3,57</b> | <b>3,94</b> | <b>4,30</b> | <b>4,69</b> | <b>5,11</b> | <b>5,52</b> | <b>5,93</b> | <b>6,37</b> | <b>6,85</b> | <b>7,42</b> | <b>8,00</b> | <b>8,58</b> | <b>9,28</b> |             |
|                   | $n_2$     | 1/min                    |             |             |             | 2093        | 2224        | 2350        | 2488        | 2637        | 2784        | 2930        | 3084        | 3256        | 3459        | 3663        | 3870        | 4116        |             |
|                   | $P_2$     | kW                       |             |             |             | 8,27        | 8,77        | 9,26        | 9,8         | 10,4        | 11,0        | 11,6        | 12,3        | 13,0        | 13,9        | 14,8        | 15,8        | 16,9        |             |
|                   | $P_1$     | kW                       |             |             |             | 11          | 11          | 11          | 11          | 15          | 15          | 15          | 15          | 15          | 18,5        | 18,5        | 18,5        | 22          |             |
|                   | $n_1$     | 1/min                    |             |             |             | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2937        | 2937        | 2937        |             |
|                   | El. motor |                          |             |             |             | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        | 160L        | 180M        |             |
|                   | $t_2$     | $^{\circ}\text{C}$       |             |             |             | 136         | 131         | 126         | 122         | 118         | 115         | 113         | 111         | 109         | 108         | 107         | 106         | 105         |             |
|                   | $L_p(A)$  | dB                       |             |             |             | 83/71       | 84/72       | 84/72       | 85/73       | 86/73       | 86/74       | 87/74       | 88/75       | 88/75       | 89/76       | 90/77       | 90/77       | 91/78       |             |
| <b>90</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> |             |             |             |             |             |             |             |             |             | <b>5,36</b> | <b>5,77</b> | <b>6,23</b> | <b>6,71</b> | <b>7,26</b> | <b>7,84</b> | <b>8,43</b> |             |



Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20\text{°C}$ ,  $\rho=1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{кПа}$  (кПа),  $t_1=20\text{°C}$ ,  $\rho=1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta P$<br>kPa | 3D45B-150 |                          |            |            |            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|-----------|--------------------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>10</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>6,6</b> | <b>8,2</b> | <b>9,5</b> | <b>10,1</b> | <b>11,3</b> | <b>12,3</b> | <b>13,3</b> | <b>15,0</b> | <b>16,1</b> | <b>16,9</b> | <b>17,2</b> | <b>18,0</b> | <b>18,4</b> | <b>19,0</b> | <b>19,7</b> | <b>20,4</b> | <b>20,8</b> |
| $n_2$             | 1/min     | 1420                     | 1703       | 1930       | 2046       | 2266        | 2444        | 2625        | 2925        | 3119        | 3258        | 3313        | 3462        | 3533        | 3644        | 3754        | 3887        | 3964        | 3964        |
| $P_2$             | kW        | 1,60                     | 1,97       | 2,30       | 2,49       | 2,85        | 3,17        | 3,50        | 4,11        | 4,52        | 4,86        | 4,99        | 5,34        | 5,52        | 5,79        | 6,07        | 6,43        | 6,63        | 6,63        |
| $P_1$             | kW        | 2,2                      | 3          | 3          | 3          | 4           | 4           | 5,5         | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         |
| $n_1$             | 1/min     | 1420                     | 2890       | 2890       | 2890       | 2905        | 2905        | 2925        | 2925        | 2925        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        | 2930        |
| El. motor         |           | 100L                     | 100L       | 100L       | 100L       | 112M        | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        |
| $t_2$             | °C        | 31                       | 30         | 30         | 30         | 29          | 29          | 29          | 28          | 28          | 28          | 28          | 27          | 27          | 27          | 27          | 26          | 26          | 26          |
| $L_p(A)$          | dB        | 79/66                    | 81/68      | 83/69      | 83/69      | 84/70       | 85/70       | 86/71       | 87/72       | 88/72       | 89/72       | 89/72       | 89/72       | 89/73       | 90/73       | 90/73       | 90/73       | 91/73       | 91/73       |
| <b>20</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>6,4</b> | <b>8,1</b> | <b>9,2</b> | <b>9,8</b>  | <b>11,1</b> | <b>12,2</b> | <b>13,0</b> | <b>14,8</b> | <b>15,9</b> | <b>16,8</b> | <b>17,0</b> | <b>17,9</b> | <b>18,4</b> | <b>19,0</b> | <b>19,6</b> | <b>20,2</b> | <b>20,7</b> |
| $n_2$             | 1/min     | 1440                     | 1732       | 1937       | 2040       | 2277        | 2457        | 2603        | 2940        | 3136        | 3286        | 3332        | 3492        | 3570        | 3675        | 3780        | 3900        | 3989        | 3989        |
| $P_2$             | kW        | 3,04                     | 3,67       | 4,16       | 4,41       | 5,02        | 5,50        | 5,91        | 6,90        | 7,50        | 8,00        | 8,15        | 8,68        | 8,96        | 9,33        | 9,70        | 10,1        | 10,5        | 10,5        |
| $P_1$             | kW        | 4                        | 5,5        | 5,5        | 5,5        | 7,5         | 7,5         | 7,5         | 11          | 11          | 11          | 11          | 11          | 11          | 11          | 11          | 11          | 15          | 15          |
| $n_1$             | 1/min     | 1440                     | 2925       | 2925       | 2925       | 2930        | 2930        | 2930        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        |
| El. motor         |           | 112M                     | 132S       | 132S       | 132S       | 132S        | 132S        | 132S        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        |
| $t_2$             | °C        | 42                       | 41         | 41         | 40         | 40          | 40          | 40          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 39          |
| $L_p(A)$          | dB        | 81/68                    | 83/69      | 84/70      | 84/70      | 85/71       | 86/72       | 87/72       | 88/73       | 89/73       | 90/73       | 90/74       | 90/74       | 90/74       | 91/74       | 91/74       | 91/74       | 92/74       | 92/75       |
| <b>30</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>6,2</b> | <b>7,7</b> | <b>8,8</b> | <b>9,5</b>  | <b>10,9</b> | <b>12,0</b> | <b>12,7</b> | <b>14,6</b> | <b>15,7</b> | <b>16,5</b> | <b>16,7</b> | <b>17,4</b> | <b>18,1</b> | <b>18,6</b> | <b>19,2</b> | <b>20,1</b> | <b>20,5</b> |
| $n_2$             | 1/min     | 1455                     | 1718       | 1911       | 2024       | 2286        | 2476        | 2613        | 2940        | 3136        | 3269        | 3315        | 3441        | 3552        | 3656        | 3761        | 3913        | 3983        | 3983        |
| $P_2$             | kW        | 4,51                     | 5,30       | 5,92       | 6,29       | 7,19        | 7,87        | 8,38        | 9,65        | 10,4        | 11,0        | 11,2        | 11,8        | 12,3        | 12,8        | 13,2        | 14,0        | 14,3        | 14,3        |
| $P_1$             | kW        | 5,5                      | 7,5        | 7,5        | 7,5        | 11          | 11          | 11          | 11          | 15          | 15          | 15          | 15          | 15          | 15          | 15          | 18,5        | 18,5        | 18,5        |
| $n_1$             | 1/min     | 1455                     | 2930       | 2930       | 2930       | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        |
| El. motor         |           | 132S                     | 132S       | 132S       | 132S       | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        |
| $t_2$             | °C        | 53                       | 52         | 51         | 50         | 49          | 49          | 48          | 48          | 47          | 47          | 47          | 46          | 46          | 46          | 46          | 45          | 45          | 45          |
| $L_p(A)$          | dB        | 82/69                    | 84/70      | 85/71      | 85/71      | 86/72       | 87/72       | 88/73       | 89/73       | 90/74       | 91/74       | 91/74       | 91/75       | 92/75       | 92/75       | 93/75       | 93/75       | 93/75       | 93/75       |
| <b>40</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>6,0</b> | <b>7,5</b> | <b>8,6</b> | <b>9,2</b>  | <b>10,6</b> | <b>11,7</b> | <b>12,4</b> | <b>14,3</b> | <b>15,3</b> | <b>16,2</b> | <b>16,5</b> | <b>17,2</b> | <b>17,6</b> | <b>18,4</b> | <b>18,7</b> | <b>19,8</b> | <b>20,2</b> |
| $n_2$             | 1/min     | 1455                     | 1735       | 1934       | 2042       | 2286        | 2476        | 2613        | 2940        | 3120        | 3280        | 3326        | 3453        | 3522        | 3669        | 3718        | 3913        | 3983        | 3983        |
| $P_2$             | kW        | 5,87                     | 6,98       | 7,80       | 8,27       | 9,34        | 10,2        | 10,8        | 12,4        | 13,3        | 14,2        | 14,4        | 15,1        | 15,5        | 16,3        | 16,5        | 17,6        | 18,0        | 18,0        |
| $P_1$             | kW        | 7,5                      | 11         | 11         | 11         | 15          | 15          | 15          | 15          | 15          | 18,5        | 18,5        | 18,5        | 18,5        | 18,5        | 18,5        | 22          | 22          | 22          |
| $n_1$             | 1/min     | 1455                     | 2940       | 2940       | 2940       | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        | 2945        |
| El. motor         |           | 132M                     | 160M       | 160M       | 160M       | 160M        | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        | 160L        | 160L        | 160L        | 160L        | 160L        | 180M        | 180M        |
| $t_2$             | °C        | 66                       | 64         | 62         | 62         | 61          | 60          | 59          | 59          | 58          | 58          | 58          | 58          | 58          | 58          | 58          | 58          | 58          | 58          |
| $L_p(A)$          | dB        | 83/69                    | 85/70      | 86/71      | 86/72      | 87/72       | 88/73       | 89/73       | 90/74       | 91/75       | 92/75       | 92/75       | 92/75       | 92/75       | 93/75       | 93/76       | 94/76       | 94/76       | 94/76       |
| <b>50</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>7,2</b> | <b>8,3</b> | <b>8,9</b> | <b>10,3</b> | <b>11,4</b> | <b>12,1</b> | <b>14,0</b> | <b>15,0</b> | <b>16,0</b> | <b>16,2</b> | <b>16,9</b> | <b>17,3</b> | <b>18,2</b> | <b>18,2</b> | <b>19,5</b> | <b>20,6</b> | <b>20,6</b> |
| $n_2$             | 1/min     | 1735                     | 1934       | 2042       | 2275       | 2463        | 2600        | 2940        | 3108        | 3280        | 3326        | 3453        | 3522        | 3669        | 3679        | 3909        | 4095        | 4095        | 4095        |
| $P_2$             | kW        | 8,60                     | 9,61       | 10,2       | 11,4       | 12,4        | 13,2        | 15,2        | 16,2        | 17,2        | 17,5        | 18,3        | 18,7        | 19,7        | 19,7        | 21,3        | 22,5        | 22,5        | 22,5        |
| $P_1$             | kW        | 11                       | 11         | 15         | 15         | 15          | 15          | 18,5        | 18,5        | 22          | 22          | 22          | 22          | 22          | 22          | 30          | 30          | 30          | 30          |
| $n_1$             | 1/min     | 1940                     | 2940       | 2940       | 2940       | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        | 2945        | 2945        | 2945        | 2945        | 2945        | 2950        | 2950        | 2950        |
| El. motor         |           | 160M                     | 160M       | 160M       | 160M       | 160M        | 160M        | 160L        | 160L        | 180M        | 180M        | 180M        | 180M        | 180M        | 180M        | 180M        | 200L        | 200L        | 200L        |
| $t_2$             | °C        | 77                       | 75         | 74         | 72         | 71          | 70          | 69          | 69          | 69          | 68          | 68          | 68          | 68          | 68          | 68          | 68          | 68          | 68          |
| $L_p(A)$          | dB        | 86/71                    | 87/72      | 87/72      | 88/73      | 89/73       | 90/74       | 91/75       | 92/75       | 93/75       | 93/76       | 93/76       | 93/76       | 94/76       | 94/76       | 95/77       | 96/77       | 96/77       | 96/77       |
| <b>60</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>7,0</b> | <b>8,1</b> | <b>8,7</b> | <b>10,3</b> | <b>11,2</b> | <b>12,0</b> | <b>13,8</b> | <b>14,7</b> | <b>15,7</b> | <b>15,9</b> | <b>16,8</b> | <b>17,0</b> | <b>18,0</b> | <b>19,1</b> | <b>19,2</b> | <b>20,3</b> | <b>20,3</b> |
| $n_2$             | 1/min     | 1735                     | 1924       | 2032       | 2317       | 2472        | 2626        | 2945        | 3108        | 3278        | 3319        | 3471        | 3503        | 3679        | 3679        | 3887        | 3909        | 4095        | 4095        |
| $P_2$             | kW        | 10,3                     | 11,4       | 12,0       | 13,8       | 14,8        | 15,8        | 18,0        | 19,1        | 20,3        | 20,6        | 21,7        | 21,9        | 23,2        | 24,7        | 24,9        | 26,3        | 26,3        | 26,3        |
| $P_1$             | kW        | 15                       | 15         | 15         | 18,5       | 18,5        | 18,5        | 22          | 22          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          |
| $n_1$             | 1/min     | 2940                     | 2940       | 2940       | 2940       | 2940        | 2940        | 2945        | 2945        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        |
| El. motor         |           | 160M                     | 160M       | 160M       | 160L       | 160L        | 160L        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        |
| $t_2$             | °C        | 91                       | 88         | 86         | 84         | 82          | 81          | 80          | 79          | 79          | 79          | 78          | 78          | 78          | 78          | 78          | 78          | 78          | 77          |
| $L_p(A)$          | dB        | 87/72                    | 88/73      | 88/73      | 90/74      | 90/74       | 91/75       | 92/75       | 93/76       | 94/76       | 94/76       | 94/77       | 95/77       | 95/77       | 96/78       | 96/78       | 97/79       | 97/79       | 97/79       |
| <b>70</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>6,7</b> | <b>7,8</b> | <b>8,5</b> | <b>10,1</b> | <b>10,9</b> | <b>11,8</b> | <b>13,6</b> | <b>14,5</b> | <b>15,6</b> | <b>15,7</b> | <b>16,6</b> | <b>16,7</b> | <b>17,7</b> | <b>18,9</b> | <b>19,0</b> | <b>20,1</b> | <b>20,1</b> |
| $n_2$             | 1/min     | 1726                     | 1924       | 2039       | 2317       | 2472        | 2626        | 2950        | 3114        | 3278        | 3319        | 3471        | 3503        | 3679        | 3679        | 3887        | 3909        | 4095        | 4095        |
| $P_2$             | kW        | 11,8                     | 13,2       | 14,0       | 16,0       | 17,2        | 18,3        | 20,8        | 22,1        | 23,4        | 23,7        | 25,0        | 25,2        | 26,7        | 28,4        | 28,6        | 30,2        | 30,2        | 30,2        |
| $P_1$             | kW        | 15                       | 15         | 18,5       | 18,5       | 22          | 22          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 37          | 37          | 37          | 37          |
| $n_1$             | 1/min     | 2940                     | 2940       | 2940       | 2940       | 2945        | 2945        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2955        | 2955        |
| El. motor         |           | 160M                     | 160M       | 160L       | 160L       | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        |
| $t_2$             | °C        | 106                      | 102        | 100        | 96         | 95          | 94          | 92          | 91          | 91          | 91          | 91          | 91          | 91          | 91          | 91          | 91          | 91          | 91          |
| $L_p(A)$          | dB        | 88/73                    | 89/73      | 89/74      | 90/74      | 91/75       | 92/75       | 93/76       | 94/77       | 94/77       | 94/77       | 94/77       | 95/77       | 95/77       | 96/78       | 96/78       | 97/79       | 97/79       | 97/79       |
| <b>80</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>6,5</b> | <b>7,7</b> | <b>8,3</b> | <b>9,9</b>  | <b>10,7</b> | <b>11,7</b> | <b>13,4</b> | <b>14,3</b> | <b>15,3</b> | <b>15,5</b> | <b>16,3</b> | <b>16,5</b> | <b>17,5</b> | <b>18,7</b> | <b>18,8</b> | <b>19,9</b> | <b>19,9</b> |
| $n_2$             | 1/min     | 1726                     | 1937       | 2039       | 2317       | 2472        | 2639        | 2950        | 3114        | 3278        | 3319        | 3471        | 3503        |             |             |             |             |             |             |

Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20^\circ\text{C}$ ,  $\rho=1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{ кПа}$  (кПа),  $t_1=20^\circ\text{C}$ ,  $\rho=1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta p$<br>кПа |           | <b>3D45C-150</b> |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|-----------|------------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>10</b>         | <b>Q</b>  | <b>m³/min</b>    | <b>9,16</b> | <b>11,6</b> | <b>13,2</b>  | <b>14,2</b> | <b>16,3</b> | <b>17,7</b> | <b>18,8</b> | <b>21,3</b> | <b>22,8</b> | <b>24,0</b> | <b>24,6</b> | <b>25,8</b> | <b>26,5</b> | <b>27,3</b> | <b>28,1</b> | <b>29,1</b> | <b>29,8</b> |
|                   | $n_2$     | 1/min            | 1400        | 1708        | 1911         | 2030        | 2297        | 2478        | 2603        | 2915        | 3109        | 3258        | 3332        | 3492        | 3570        | 3675        | 3780        | 3900        | 3989        |
|                   | $P_2$     | kW               | 1,95        | 2,56        | 3,01         | 3,28        | 3,92        | 4,39        | 4,76        | 5,67        | 6,27        | 6,76        | 6,96        | 7,51        | 7,78        | 8,15        | 8,54        | 9,02        | 9,36        |
|                   | $P_1$     | kW               | 3           | 4           | 4            | 4           | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         | 11          | 11          | 11          | 11          | 11          | 11          | 11          |
|                   | $n_1$     | 1/min            | 1420        | 2905        | 2905         | 2905        | 2905        | 2925        | 2930        | 2930        | 2930        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        |
|                   | El. motor |                  | 100L        | 112M        | 112M         | 112M        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        | 132S        |
|                   | $t_2$     | °C               | 31          | 31          | 30           | 30          | 30          | 30          | 29          | 29          | 29          | 29          | 29          | 29          | 29          | 29          | 28          | 28          | 28          |
|                   | $L_p(A)$  | dB               | 79/67       | 81/68       | 82/68        | 83/69       | 84/70       | 85/70       | 86/71       | 87/72       | 88/72       | 89/73       | 89/73       | 90/73       | 90/74       | 90/74       | 91/74       | 91/74       | 92/75       |
| <b>20</b>         | <b>Q</b>  | <b>m³/min</b>    | <b>9,15</b> | <b>11,3</b> | <b>12,8</b>  | <b>13,7</b> | <b>15,8</b> | <b>17,3</b> | <b>18,4</b> | <b>21,0</b> | <b>22,6</b> | <b>23,7</b> | <b>24,1</b> | <b>25,1</b> | <b>25,9</b> | <b>26,8</b> | <b>27,6</b> | <b>28,8</b> | <b>29,4</b> |
|                   | $n_2$     | 1/min            | 1450        | 1718        | 1911         | 2024        | 2286        | 2476        | 2613        | 2940        | 3136        | 3269        | 3315        | 3441        | 3552        | 3656        | 3761        | 3913        | 3983        |
|                   | $P_2$     | kW               | 4,21        | 5,05        | 5,70         | 6,09        | 7,03        | 7,76        | 8,31        | 9,68        | 10,5        | 11,2        | 11,4        | 12,0        | 12,6        | 13,1        | 13,6        | 14,4        | 14,8        |
|                   | $P_1$     | kW               | 5,5         | 7,5         | 7,5          | 7,5         | 11          | 11          | 11          | 11          | 15          | 15          | 15          | 15          | 15          | 15          | 15          | 15          | 15          |
|                   | $n_1$     | 1/min            | 1455        | 2930        | 2930         | 2930        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        |
|                   | El. motor |                  | 132S        | 132S        | 132S         | 132S        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        |
|                   | $t_2$     | °C               | 42          | 41          | 40           | 40          | 40          | 39          | 39          | 38          | 38          | 38          | 38          | 37          | 37          | 37          | 37          | 37          | 36          |
|                   | $L_p(A)$  | dB               | 81/68       | 82/69       | 83/69        | 84/70       | 85/71       | 86/71       | 87/72       | 89/73       | 90/73       | 90/74       | 91/74       | 91/74       | 92/74       | 92/75       | 92/75       | 93/75       | 93/76       |
| <b>30</b>         | <b>Q</b>  | <b>m³/min</b>    | <b>8,75</b> | <b>10,9</b> | <b>12,5</b>  | <b>13,4</b> | <b>15,3</b> | <b>16,8</b> | <b>17,9</b> | <b>20,5</b> | <b>21,9</b> | <b>23,3</b> | <b>23,7</b> | <b>24,7</b> | <b>25,2</b> | <b>26,4</b> | <b>27,2</b> | <b>28,3</b> | <b>29,8</b> |
|                   | $n_2$     | 1/min            | 1455        | 1735        | 1934         | 2042        | 2286        | 2463        | 2600        | 2935        | 3108        | 3280        | 3326        | 3453        | 3522        | 3669        | 3774        | 3913        | 4095        |
|                   | $P_2$     | kW               | 6,45        | 7,68        | 8,61         | 9,12        | 10,3        | 11,2        | 11,9        | 13,7        | 14,7        | 15,7        | 16,0        | 16,7        | 17,1        | 18,0        | 18,7        | 19,5        | 20,7        |
|                   | $P_1$     | kW               | 7,5         | 11          | 11           | 11          | 15          | 15          | 15          | 18,5        | 18,5        | 18,5        | 18,5        | 18,5        | 22          | 22          | 22          | 22          | 30          |
|                   | $n_1$     | 1/min            | 1455        | 2940        | 2940         | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        | 2945        | 2945        | 2950        |
|                   | El. motor |                  | 132M        | 160M        | 160M         | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        | 160L        | 160L        | 160L        | 180M        | 180M        | 180M        | 180M        | 200L        |
|                   | $t_2$     | °C               | 53          | 52          | 51           | 50          | 50          | 49          | 49          | 48          | 48          | 47          | 47          | 47          | 47          | 46          | 46          | 46          | 45          |
|                   | $L_p(A)$  | dB               | 82/69       | 84/70       | 85/70        | 86/71       | 87/71       | 88/72       | 89/72       | 90/73       | 91/74       | 92/74       | 92/75       | 92/75       | 93/75       | 93/76       | 94/76       | 94/76       | 95/77       |
| <b>40</b>         | <b>Q</b>  | <b>m³/min</b>    | <b>8,36</b> | <b>10,5</b> | <b>12,0</b>  | <b>12,9</b> | <b>14,8</b> | <b>16,4</b> | <b>17,6</b> | <b>20,1</b> | <b>21,5</b> | <b>22,8</b> | <b>23,1</b> | <b>24,4</b> | <b>24,6</b> | <b>26,0</b> | <b>27,7</b> | <b>27,8</b> | <b>29,3</b> |
|                   | $n_2$     | 1/min            | 1460        | 1735        | 1924         | 2032        | 2275        | 2472        | 2626        | 2935        | 3108        | 3278        | 3319        | 3471        | 3503        | 3679        | 3887        | 3909        | 4095        |
|                   | $P_2$     | kW               | 8,41        | 9,98        | 11,1         | 11,8        | 13,3        | 14,5        | 15,5        | 17,6        | 18,8        | 20,0        | 20,3        | 21,4        | 21,6        | 22,9        | 24,5        | 24,7        | 26,1        |
|                   | $P_1$     | kW               | 11          | 11          | 15           | 15          | 15          | 18,5        | 18,5        | 22          | 22          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          |
|                   | $n_1$     | 1/min            | 1460        | 2940        | 2940         | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        |
|                   | El. motor |                  | 160M        | 160M        | 160M         | 160M        | 160M        | 160L        | 160L        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        |
|                   | $t_2$     | °C               | 67          | 65          | 63           | 62          | 61          | 60          | 59          | 58          | 58          | 58          | 58          | 57          | 57          | 57          | 57          | 57          | 56          |
|                   | $L_p(A)$  | dB               | 84/70       | 85/70       | 86/71        | 87/71       | 88/72       | 89/73       | 90/73       | 91/74       | 92/75       | 93/75       | 93/75       | 94/76       | 94/76       | 94/76       | 95/77       | 95/77       | 96/77       |
| <b>50</b>         | <b>Q</b>  | <b>m³/min</b>    | <b>10,1</b> | <b>11,8</b> | <b>12,57</b> | <b>14,8</b> | <b>16,0</b> | <b>17,2</b> | <b>19,8</b> | <b>21,1</b> | <b>22,4</b> | <b>22,8</b> | <b>24,0</b> | <b>24,2</b> | <b>25,6</b> | <b>27,3</b> | <b>27,5</b> | <b>29,0</b> |             |
|                   | $n_2$     | 1/min            | 1726        | 1937        | 2039         | 2317        | 2472        | 2626        | 2950        | 3114        | 3278        | 3319        | 3471        | 3503        | 3679        | 3887        | 3909        | 4095        |             |
|                   | $P_2$     | kW               | 12,2        | 13,8        | 14,5         | 16,6        | 17,8        | 19,0        | 21,7        | 23,0        | 24,4        | 24,7        | 26,0        | 26,3        | 27,8        | 29,7        | 29,9        | 31,6        |             |
|                   | $P_1$     | kW               | 15          | 18,5        | 18,5         | 18,5        | 22          | 22          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 37          | 37          | 37          |             |
|                   | $n_1$     | 1/min            | 2940        | 2940        | 2940         | 2940        | 2945        | 2945        | 2950        | 2950        | 2950        | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2955        |             |
|                   | El. motor |                  | 160M        | 160L        | 160L         | 160L        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        |             |
|                   | $t_2$     | °C               | 77          | 75          | 74           | 72          | 71          | 70          | 68          | 68          | 67          | 67          | 66          | 66          | 66          | 66          | 65          | 65          |             |
|                   | $L_p(A)$  | dB               | 87/71       | 88/72       | 88/72        | 90/73       | 90/74       | 91/74       | 92/75       | 93/76       | 94/76       | 94/76       | 95/77       | 95/77       | 95/77       | 96/78       | 96/78       | 97/78       |             |
| <b>60</b>         | <b>Q</b>  | <b>m³/min</b>    | <b>9,82</b> | <b>11,5</b> | <b>12,3</b>  | <b>14,5</b> | <b>15,8</b> | <b>17,0</b> | <b>19,5</b> | <b>20,8</b> | <b>22,1</b> | <b>22,5</b> | <b>23,7</b> | <b>23,9</b> | <b>25,4</b> | <b>27,0</b> | <b>27,2</b> | <b>28,7</b> |             |
|                   | $n_2$     | 1/min            | 1732        | 1937        | 2039         | 2317        | 2484        | 2639        | 2950        | 3114        | 3278        | 3319        | 3471        | 3503        | 3685        | 3894        | 3915        | 4102        |             |
|                   | $P_2$     | kW               | 14,6        | 16,3        | 17,2         | 19,7        | 21,2        | 22,6        | 25,5        | 27,1        | 28,7        | 29,1        | 30,6        | 30,9        | 32,8        | 34,9        | 35,1        | 37,0        |             |
|                   | $P_1$     | kW               | 18,5        | 18,5        | 22           | 22          | 30          | 30          | 30          | 30          | 37          | 37          | 37          | 37          | 37          | 45          | 45          | 45          |             |
|                   | $n_1$     | 1/min            | 2940        | 2940        | 2945         | 2945        | 2950        | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2955        | 2955        | 2960        | 2960        | 2960        |             |
|                   | El. motor |                  | 160L        | 160L        | 180M         | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 225M        | 225M        |             |
|                   | $t_2$     | °C               | 91          | 89          | 87           | 85          | 83          | 83          | 81          | 81          | 80          | 80          | 80          | 80          | 80          | 80          | 80          | 80          |             |
|                   | $L_p(A)$  | dB               | 88/72       | 89/73       | 89/73        | 91/74       | 92/75       | 92/75       | 94/76       | 94/77       | 95/77       | 95/77       | 96/78       | 96/78       | 97/78       | 97/79       | 97/79       | 98/79       |             |
| <b>70</b>         | <b>Q</b>  | <b>m³/min</b>    | <b>9,49</b> | <b>11,1</b> | <b>11,9</b>  | <b>14,0</b> | <b>15,5</b> | <b>16,7</b> | <b>19,2</b> | <b>20,5</b> | <b>21,8</b> | <b>22,0</b> | <b>23,4</b> | <b>23,6</b> | <b>25,0</b> | <b>26,7</b> | <b>26,8</b> | <b>28,5</b> |             |
|                   | $n_2$     | 1/min            | 1732        | 1937        | 2039         | 2294        | 2484        | 2639        | 2950        | 3114        | 3278        | 3310        | 3480        | 3509        | 3677        | 3894        | 3915        | 4118        |             |
|                   | $P_2$     | kW               | 16,8        | 18,9        | 19,9         | 22,5        | 24,5        | 26,1        | 29,5        | 31,2        | 33,1        | 33,4        | 35,3        | 35,7        | 37,6        | 40,1        | 40,3        | 42,7        |             |
|                   | $P_1$     | kW               | 22          | 22          | 22           | 30          | 30          | 30          | 37          | 37          | 37          | 37          | 45          | 45          | 45          | 45          | 45          | 55          |             |
|                   | $n_1$     | 1/min            | 2945        | 2945        | 2945         | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2960        | 2960        | 2960        | 2960        | 2960        | 2960        | 2970        |             |
|                   | El. motor |                  | 180M        | 180M        | 180M         | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 225M        | 225M        | 225M        | 250M        |             |
|                   | $t_2$     | °C               | 106         | 102         | 100          | 96          | 94          | 93          | 90          | 89          | 89          | 88          | 88          | 88          | 87          | 86          | 86          | 86          |             |
|                   | $L_p(A)$  | dB               | 90/73       | 91/74       | 91/74        | 92/75       | 93/76       | 94/76       | 95/77       | 96/78       | 97/78       | 97/78       | 97/78       | 98/79       | 98/79       | 99/80       | 99/80       | 100/80      |             |
| <b>80</b>         | <b>Q</b>  | <b>m³/min</b>    |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $n_2$     | 1/min            |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $P_2$     | kW               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $P_1$     | kW               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $n_1$     | 1/min            |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | El. motor |                  |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $t_2$     | °C               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $L_p(A)$  | dB               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>90</b>         | <b>Q</b>  | <b>m³/min</b>    |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $n_2$     | 1/min            |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $P_2$     | kW               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $P_1$     | kW               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $n_1$     | 1/min            |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | El. motor |                  |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $t_2$     | °C               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|                   | $L_p(A)$  | dB               |             |             |              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |

Performance table of blower units - overpressure (input conditions: p<sub>tabs</sub>=101kPa, t<sub>1</sub>=20oC, ρ =1,2kg/m<sup>3</sup>, medium: air)Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия p<sub>табс</sub>=101 кПа (кПа), t<sub>1</sub>=20oC, ρ =1,2кг/м<sup>3</sup>, газ: воздух)

| 2013-07            |                    |                          |                          |             |             |             |             |             |             |             |             |             |             |             |             |
|--------------------|--------------------|--------------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Δp<br>кПа          |                    | 3D55B-150                |                          |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>10</b>          | <b>Q</b>           | <b>m<sup>3</sup>/min</b> | <b>14,3</b>              | <b>17,4</b> | <b>19,6</b> | <b>20,9</b> | <b>23,9</b> | <b>25,8</b> | <b>27,5</b> | <b>31,5</b> | <b>33,5</b> | <b>35,1</b> | <b>36,2</b> | <b>37,8</b> |             |
|                    | n <sub>2</sub>     | 1/min                    | 1455                     | 1718        | 1911        | 2024        | 2286        | 2450        | 2594        | 2940        | 3108        | 3250        | 3343        | 3485        |             |
|                    | P <sub>2</sub>     | kW                       | 3,80                     | 4,69        | 5,42        | 5,9         | 7,0         | 7,8         | 8,5         | 10,4        | 11,5        | 12,4        | 13,0        | 14,0        |             |
|                    | P <sub>1</sub>     | kW                       | 5,5                      | 7,5         | 7,5         | 7,5         | 11          | 11          | 11          | 15          | 15          | 15          | 15          | 18,5        |             |
|                    | n <sub>1</sub>     | 1/min                    | 1455                     | 2930        | 2930        | 2930        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        |             |
|                    | El. motor          |                          | 132S                     | 132S        | 132S        | 132S        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        |             |
|                    | t <sub>2</sub>     | °C                       | 30                       | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          |             |
|                    | L <sub>p</sub> (A) | dB                       | 82/67                    | 83/69       | 85/70       | 85/71       | 87/72       | 87/73       | 88/74       | 89/75       | 90/75       | 90/76       | 91/77       | 91/77       | 92/78       |
|                    | <b>20</b>          | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> | <b>14,0</b> | <b>17,2</b> | <b>19,5</b> | <b>20,7</b> | <b>23,4</b> | <b>25,3</b> | <b>26,9</b> | <b>31,0</b> | <b>32,8</b> | <b>34,7</b> | <b>35,8</b> | <b>37,2</b> |
| n <sub>2</sub>     |                    | 1/min                    | 1455                     | 1735        | 1934        | 2042        | 2275        | 2438        | 2581        | 2940        | 3098        | 3261        | 3354        | 3478        |             |
| P <sub>2</sub>     |                    | kW                       | 6,65                     | 7,93        | 8,96        | 9,55        | 11,0        | 12,0        | 13,0        | 15,7        | 17,0        | 18,4        | 19,2        | 20,4        |             |
| P <sub>1</sub>     |                    | kW                       | 7,5                      | 11          | 11          | 11          | 15          | 15          | 15          | 18,5        | 22          | 22          | 22          | 30          |             |
| n <sub>1</sub>     |                    | 1/min                    | 1455                     | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        | 2945        | 2950        |             |
| El. motor          |                    |                          | 132M                     | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160L        | 180M        | 180M        | 180M        | 200L        |             |
| t <sub>2</sub>     |                    | °C                       | 40                       | 40          | 40          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 39          |             |
| L <sub>p</sub> (A) |                    | dB                       | 83/68                    | 85/70       | 86/71       | 86/72       | 88/73       | 89/74       | 89/75       | 91/77       | 92/77       | 92/78       | 93/78       | 93/79       |             |
| <b>30</b>          |                    | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> | <b>13,6</b> | <b>16,7</b> | <b>18,9</b> | <b>20,2</b> | <b>23,0</b> | <b>25,2</b> | <b>27,0</b> | <b>30,7</b> | <b>32,4</b> | <b>34,4</b> | <b>34,9</b> | <b>36,7</b> |
|                    | n <sub>2</sub>     | 1/min                    | 1460                     | 1726        | 1924        | 2032        | 2283        | 2472        | 2626        | 2950        | 3105        | 3278        | 3319        | 3478        |             |
|                    | P <sub>2</sub>     | kW                       | 9,46                     | 11,2        | 12,6        | 13,4        | 15,3        | 16,9        | 18,3        | 21,3        | 22,9        | 24,7        | 25,2        | 26,9        |             |
|                    | P <sub>1</sub>     | kW                       | 11                       | 15          | 15          | 15          | 18,5        | 22          | 22          | 30          | 30          | 30          | 30          | 30          |             |
|                    | n <sub>1</sub>     | 1/min                    | 1460                     | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        | 2950        | 2950        | 2950        | 2950        | 2950        |             |
|                    | El. motor          |                          | 160M                     | 160M        | 160M        | 160M        | 160L        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        |             |
|                    | t <sub>2</sub>     | °C                       | 51                       | 50          | 49          | 49          | 48          | 48          | 48          | 47          | 47          | 47          | 47          | 47          |             |
|                    | L <sub>p</sub> (A) | dB                       | 84/69                    | 86/71       | 87/72       | 87/73       | 89/74       | 90/75       | 91/76       | 92/77       | 93/78       | 93/79       | 94/79       | 94/79       |             |
|                    | <b>40</b>          | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> | <b>13,2</b> | <b>16,3</b> | <b>18,5</b> | <b>19,8</b> | <b>22,6</b> | <b>24,9</b> | <b>26,4</b> | <b>30,2</b> | <b>31,9</b> | <b>33,9</b> | <b>34,4</b> | <b>36,2</b> |
| n <sub>2</sub>     |                    | 1/min                    | 1460                     | 1732        | 1924        | 2039        | 2283        | 2484        | 2622        | 2950        | 3105        | 3278        | 3319        | 3484        |             |
| P <sub>2</sub>     |                    | kW                       | 12,2                     | 14,5        | 16,2        | 17,3        | 19,7        | 21,7        | 23,2        | 26,9        | 28,8        | 30,9        | 31,4        | 33,6        |             |
| P <sub>1</sub>     |                    | kW                       | 15                       | 18,5        | 18,5        | 22          | 22          | 30          | 30          | 30          | 37          | 37          | 37          | 37          |             |
| n <sub>1</sub>     |                    | 1/min                    | 1460                     | 2940        | 2940        | 2945        | 2945        | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2955        |             |
| El. motor          |                    |                          | 160L                     | 160L        | 160L        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        |             |
| t <sub>2</sub>     |                    | °C                       | 62                       | 60          | 60          | 60          | 59          | 59          | 59          | 58          | 58          | 58          | 58          | 58          |             |
| L <sub>p</sub> (A) |                    | dB                       | 85/70                    | 87/72       | 88/73       | 89/74       | 90/75       | 91/76       | 92/77       | 93/78       | 94/79       | 95/79       | 95/79       | 96/80       |             |
| <b>50</b>          |                    | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> | <b>12,9</b> | <b>15,9</b> | <b>18,1</b> | <b>19,5</b> | <b>22,3</b> | <b>24,5</b> | <b>26,1</b> | <b>29,8</b> | <b>31,6</b> | <b>33,6</b> | <b>33,9</b> | <b>35,8</b> |
|                    | n <sub>2</sub>     | 1/min                    | 1465                     | 1732        | 1924        | 2049        | 2294        | 2484        | 2622        | 2955        | 3111        | 3283        | 3310        | 3484        |             |
|                    | P <sub>2</sub>     | kW                       | 15,0                     | 17,7        | 19,8        | 21,2        | 24,1        | 26,4        | 28,2        | 32,6        | 34,8        | 37,2        | 37,6        | 40,2        |             |
|                    | P <sub>1</sub>     | kW                       | 18,5                     | 22          | 22          | 30          | 30          | 30          | 37          | 37          | 45          | 45          | 45          | 45          |             |
|                    | n <sub>1</sub>     | 1/min                    | 1465                     | 2945        | 2945        | 2950        | 2950        | 2950        | 2955        | 2955        | 2960        | 2960        | 2960        | 2960        |             |
|                    | El. motor          |                          | 180M                     | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 225M        | 225M        |             |
|                    | t <sub>2</sub>     | °C                       | 74                       | 72          | 71          | 70          | 69          | 68          | 68          | 67          | 67          | 66          | 66          | 66          |             |
|                    | L <sub>p</sub> (A) | dB                       | 86/71                    | 88/73       | 89/74       | 90/75       | 91/76       | 92/77       | 93/77       | 94/79       | 95/79       | 96/80       | 96/80       | 97/80       |             |
|                    | <b>60</b>          | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> | <b>12,6</b> | <b>15,8</b> | <b>17,4</b> | <b>18,6</b> | <b>21,3</b> | <b>24,1</b> | <b>25,7</b> | <b>29,5</b> | <b>31,2</b> | <b>33,3</b> | <b>33,6</b> | <b>35,6</b> |
| n <sub>2</sub>     |                    | 1/min                    | 1465                     | 1750        | 1888        | 2000        | 2239        | 2484        | 2622        | 2960        | 3111        | 3294        | 3321        | 3492        |             |
| P <sub>2</sub>     |                    | kW                       | 17,8                     | 21,3        | 23,0        | 24,5        | 27,7        | 31,1        | 33,2        | 38,3        | 40,7        | 43,6        | 44,1        | 46,9        |             |
| P <sub>1</sub>     |                    | kW                       | 22                       | 30          | 30          | 30          | 37          | 37          | 37          | 45          | 45          | 55          | 55          | 55          |             |
| n <sub>1</sub>     |                    | 1/min                    | 1465                     | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2960        | 2960        | 2970        | 2970        | 2970        |             |
| El. motor          |                    |                          | 180L                     | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 250M        | 250M        | 250M        |             |
| t <sub>2</sub>     |                    | °C                       | 86                       | 83          | 82          | 81          | 80          | 79          | 78          | 78          | 78          | 78          | 78          | 78          |             |
| L <sub>p</sub> (A) |                    | dB                       | 87/72                    | 89/74       | 90/75       | 90/75       | 92/76       | 93/77       | 94/78       | 96/79       | 96/80       | 97/80       | 97/80       | 98/81       |             |
| <b>70</b>          |                    | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> | <b>12,2</b> | <b>15,4</b> | <b>17,0</b> | <b>18,3</b> | <b>21,0</b> | <b>24,1</b> | <b>25,5</b> | <b>29,3</b> | <b>31,0</b> | <b>33,0</b> | <b>33,3</b> | <b>35,4</b> |
|                    | n <sub>2</sub>     | 1/min                    | 1465                     | 1750        | 1888        | 2000        | 2239        | 2509        | 2638        | 2970        | 3121        | 3294        | 3320        | 3508        |             |
|                    | P <sub>2</sub>     | kW                       | 20,6                     | 24,6        | 26,6        | 28,3        | 31,9        | 36,3        | 38,4        | 44,0        | 46,7        | 49,8        | 50,3        | 53,8        |             |
|                    | P <sub>1</sub>     | kW                       | 30                       | 30          | 30          | 37          | 37          | 45          | 45          | 55          | 55          | 55          | 75          | 75          |             |
|                    | n <sub>1</sub>     | 1/min                    | 1465                     | 2950        | 2950        | 2955        | 2955        | 2960        | 2960        | 2970        | 2970        | 2970        | 2975        | 2975        |             |
|                    | El. motor          |                          | 200L                     | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 250M        | 250M        | 250M        | 280S        | 280S        |             |
|                    | t <sub>2</sub>     | °C                       | 100                      | 95          | 94          | 92          | 90          | 88          | 88          | 86          | 85          | 85          | 85          | 84          |             |
|                    | L <sub>p</sub> (A) | dB                       | 88/73                    | 90/74       | 91/75       | 91/76       | 93/77       | 94/78       | 95/79       | 96/80       | 97/80       | 98/81       | 98/81       | 99/81       |             |
|                    | <b>80</b>          | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> | <b>11,9</b> | <b>15,1</b> | <b>16,7</b> | <b>18,0</b> | <b>20,7</b> | <b>23,3</b> | <b>25,3</b> | <b>29,0</b> | <b>30,9</b> | <b>32,9</b> | <b>33,0</b> | <b>35,1</b> |
| n <sub>2</sub>     |                    | 1/min                    | 1465                     | 1750        | 1888        | 2000        | 2243        | 2471        | 2647        | 2970        | 3134        | 3312        | 3320        | 3508        |             |
| P <sub>2</sub>     |                    | kW                       | 23,3                     | 27,9        | 30,1        | 32,0        | 36,2        | 40,3        | 43,5        | 49,7        | 52,9        | 56,4        | 56,6        | 60,5        |             |
| P <sub>1</sub>     |                    | kW                       | 30                       | 37          | 37          | 37          | 45          | 45          | 55          | 55          | 75          | 75          | 75          | 75          |             |
| n <sub>1</sub>     |                    | 1/min                    | 1465                     | 2955        | 2955        | 2955        | 2960        | 2960        | 2970        | 2970        | 2975        | 2975        | 2975        | 2975        |             |
| El. motor          |                    |                          | 200L                     | 200L        | 200L        | 200L        | 225M        | 225M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        |             |
| t <sub>2</sub>     |                    | °C                       | 113                      | 108         | 106         | 104         | 102         | 100         | 100         | 99          | 98          | 98          | 98          | 98          |             |
| L <sub>p</sub> (A) |                    | dB                       | 89/74                    | 91/75       | 91/76       | 92/77       | 94/78       | 95/79       | 96/79       | 98/80       | 98/81       | 99/82       | 99/82       | 100/82      |             |
| <b>90</b>          |                    | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> |             | <b>14,9</b> | <b>17,1</b> | <b>17,7</b> | <b>20,7</b> | <b>23,5</b> | <b>25,1</b> | <b>28,8</b> | <b>30,6</b> | <b>32,6</b> | <b>32,7</b> | <b>34,8</b> |
|                    | n <sub>2</sub>     | 1/min                    |                          | 1750        | 1951        | 2003        | 2261        | 2515        | 2647        | 2975        | 3134        | 3312        | 3320        | 3508        |             |
|                    | P <sub>2</sub>     | kW                       |                          | 31,3        | 35,0        | 35,9        | 40,8        | 45,8        | 48,5        | 55,3        | 58,8        | 62,7        | 62,9        | 67,1        |             |
|                    | P <sub>1</sub>     | kW                       |                          | 37          | 45          | 45          | 45          | 55          | 55          | 75          | 75          | 75          | 75          | 75          |             |
|                    | n <sub>1</sub>     | 1/min                    |                          | 2955        | 2960        | 2960        | 2960        | 2970        | 2970        | 2975        | 2975        | 2975        | 2975        | 2975        |             |
|                    | El. motor          |                          |                          | 200L        | 225M        | 225M        | 225M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280S        |             |
|                    | t <sub>2</sub>     | °C                       |                          | 123         | 118         | 118         | 114         | 111         | 110         | 108         | 107         | 107         | 107         | 106         |             |
|                    | L <sub>p</sub> (A) | dB                       |                          | 92/76       | 93/77       | 93/77       | 95/78       | 96/79       | 97/80       | 99/81       | 99/82       | 100/82      | 100/82      | 101/83      |             |
|                    | <b>100</b>         | <b>Q</b>                 | <b>m<sup>3</sup>/min</b> |             |             | <b>16,9</b> | <b>17,5</b> | <b>20,4</b> | <b>23,4</b> | <b>24,9</b> | <b>28,5</b> | <b>30,3</b> | <b>32,4</b> | <b>32,5</b> | <b>34,6</b> |
| n <sub>2</sub>     |                    | 1/min                    |                          |             | 1951        | 2003        | 2261        | 2523        | 2656        | 2975        | 3134        | 3312        | 3320        | 3508        |             |
| P <sub>2</sub>     |                    | kW                       |                          |             | 38,9        | 39,9        | 45,2        | 50,8        | 53,8        | 61,0        | 64,7        | 69,0        | 69,1        | 73,7        |             |
| P <sub>1</sub>     |                    | kW                       |                          |             | 45          | 45          | 55          | 75          | 75          | 75          | 75          | 90          | 90          | 90          |             |
| n <sub>1</sub>     |                    | 1/min                    |                          |             | 2960        | 2960        | 2970        | 2975        | 2975        | 2975        | 2975        | 2975        | 2975        | 2975        |             |
| El. motor          |                    |                          |                          |             | 225M        | 225M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280M        | 280M        | 280M        |             |
| t <sub>2</sub>     |                    | °C                       |                          |             | 135         | 133         | 127         | 123         | 121         | 118         | 117         | 116         | 116         | 115         |             |
| L <sub>p</sub> (A) |                    | dB                       |                          |             | 94/78       | 94/78       | 96/79       | 97/80       | 98/81       | 100/82      | 100/82      | 101/83      | 101/83      | 102/83      |             |

Other parameters on request.

Другие параметры по требованию.



Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20\text{°C}$ ,  $\rho = 1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувов (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{ кПа}$  (кПа),  $t_1=20\text{°C}$ ,  $\rho = 1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta p$<br>кПа |                                  | 3D55C-200                        |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|----------------------------------|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>10</b>         | <b>Q</b> $\text{m}^3/\text{min}$ | <b>20,8</b>                      | <b>25,2</b> | <b>28,4</b> | <b>30,1</b> | <b>33,8</b> | <b>36,5</b> | <b>38,8</b> | <b>44,5</b> | <b>47,0</b> | <b>49,6</b> | <b>51,1</b> | <b>53,2</b> |
|                   | $n_2$ 1/min                      | 1455                             | 1735        | 1934        | 2042        | 2275        | 2438        | 2581        | 2940        | 3098        | 3261        | 3354        | 3485        |
|                   | $P_2$ kW                         | 6,28                             | 7,63        | 8,66        | 9,2         | 10,5        | 11,5        | 12,3        | 14,6        | 15,6        | 16,7        | 17,3        | 18,3        |
|                   | $P_1$ kW                         | 7,5                              | 11          | 11          | 11          | 15          | 15          | 15          | 18,5        | 18,5        | 18,5        | 22          | 22          |
|                   | $n_1$ 1/min                      | 1455                             | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        |
|                   | El. motor                        | 132M                             | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        | 160L        | 180M        | 180M        |
|                   | $t_2$ °C                         | 30                               | 30          | 30          | 30          | 29          | 29          | 29          | 29          | 29          | 29          | 29          | 29          |
|                   | $L_p(A)$ dB                      | 82/68                            | 84/71       | 86/72       | 87/73       | 88/74       | 89/75       | 90/76       | 92/78       | 93/78       | 94/79       | 94/79       | 95/79       |
|                   | <b>20</b>                        | <b>Q</b> $\text{m}^3/\text{min}$ | <b>20,2</b> | <b>24,5</b> | <b>27,6</b> | <b>29,5</b> | <b>33,4</b> | <b>36,4</b> | <b>38,9</b> | <b>44,1</b> | <b>46,6</b> | <b>49,3</b> | <b>50,0</b> |
| $n_2$ 1/min       |                                  | 1460                             | 1726        | 1924        | 2039        | 2283        | 2472        | 2626        | 2950        | 3105        | 3278        | 3319        | 3478        |
| $P_2$ kW          |                                  | 10,17                            | 12,18       | 13,74       | 14,68       | 16,7        | 18,3        | 19,7        | 22,7        | 24,2        | 25,8        | 26,2        | 27,8        |
| $P_1$ kW          |                                  | 15                               | 15          | 18,5        | 18,5        | 18,5        | 22          | 22          | 30          | 30          | 30          | 30          | 37          |
| $n_1$ 1/min       |                                  | 1460                             | 2940        | 2940        | 2940        | 2940        | 2945        | 2945        | 2950        | 2950        | 2950        | 2950        | 2955        |
| El. motor         |                                  | 160L                             | 160M        | 160L        | 160L        | 160L        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        |
| $t_2$ °C          |                                  | 40                               | 40          | 39          | 39          | 39          | 39          | 39          | 38          | 38          | 38          | 38          | 38          |
| $L_p(A)$ dB       |                                  | 83/70                            | 85/72       | 87/73       | 88/74       | 89/75       | 90/76       | 91/77       | 93/79       | 94/79       | 95/80       | 95/80       | 96/80       |
| <b>30</b>         |                                  | <b>Q</b> $\text{m}^3/\text{min}$ | <b>19,6</b> | <b>23,9</b> | <b>27,0</b> | <b>28,9</b> | <b>33,0</b> | <b>36,0</b> | <b>38,2</b> | <b>43,6</b> | <b>46,0</b> | <b>48,9</b> | <b>49,3</b> |
|                   | $n_2$ 1/min                      | 1465                             | 1732        | 1924        | 2039        | 2294        | 2484        | 2622        | 2955        | 3105        | 3283        | 3310        | 3484        |
|                   | $P_2$ kW                         | 13,97                            | 16,7        | 18,7        | 20,0        | 22,8        | 24,9        | 26,5        | 30,5        | 32,3        | 34,6        | 34,9        | 37,1        |
|                   | $P_1$ kW                         | 18,5                             | 18,5        | 22          | 22          | 30          | 30          | 30          | 37          | 37          | 45          | 45          | 45          |
|                   | $n_1$ 1/min                      | 1465                             | 2940        | 2945        | 2945        | 2950        | 2950        | 2950        | 2955        | 2955        | 2960        | 2960        | 2960        |
|                   | El. motor                        | 180M                             | 160L        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 225M        |
|                   | $t_2$ °C                         | 51                               | 50          | 49          | 49          | 49          | 48          | 48          | 48          | 49          | 49          | 49          | 49          |
|                   | $L_p(A)$ dB                      | 84/71                            | 86/73       | 88/74       | 88/75       | 90/76       | 91/77       | 92/78       | 94/79       | 95/80       | 96/80       | 96/80       | 96/81       |
|                   | <b>40</b>                        | <b>Q</b> $\text{m}^3/\text{min}$ | <b>19,1</b> | <b>23,7</b> | <b>26,7</b> | <b>28,5</b> | <b>32,4</b> | <b>35,5</b> | <b>37,7</b> | <b>43,1</b> | <b>45,5</b> | <b>48,6</b> | <b>48,9</b> |
| $n_2$ 1/min       |                                  | 1465                             | 1750        | 1941        | 2049        | 2294        | 2484        | 2622        | 2960        | 3111        | 3301        | 3321        | 3492        |
| $P_2$ kW          |                                  | 17,9                             | 21,6        | 24,1        | 25,6        | 28,9        | 31,6        | 33,6        | 38,6        | 40,9        | 43,8        | 44,1        | 46,8        |
| $P_1$ kW          |                                  | 22                               | 30          | 30          | 30          | 37          | 37          | 37          | 45          | 45          | 55          | 55          | 55          |
| $n_1$ 1/min       |                                  | 1465                             | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2960        | 2960        | 2970        | 2970        | 2970        |
| El. motor         |                                  | 180L                             | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 250M        | 250M        | 250M        |
| $t_2$ °C          |                                  | 61                               | 59          | 59          | 58          | 57          | 57          | 57          | 56          | 55          | 55          | 55          | 55          |
| $L_p(A)$ dB       |                                  | 85/72                            | 87/74       | 89/75       | 89/76       | 91/77       | 92/78       | 93/79       | 95/80       | 96/81       | 97/81       | 97/81       | 97/82       |
| <b>50</b>         |                                  | <b>Q</b> $\text{m}^3/\text{min}$ | <b>18,6</b> | <b>23,2</b> | <b>26,3</b> | <b>28,0</b> | <b>31,3</b> | <b>35,4</b> | <b>37,4</b> | <b>42,7</b> | <b>45,2</b> | <b>48,2</b> | <b>48,4</b> |
|                   | $n_2$ 1/min                      | 1465                             | 1750        | 1941        | 2049        | 2254        | 2509        | 2636        | 2970        | 3121        | 3312        | 3320        | 3508        |
|                   | $P_2$ kW                         | 22,0                             | 26,4        | 29,4        | 31,1        | 34,4        | 38,6        | 40,7        | 46,4        | 49,1        | 52,4        | 52,6        | 55,9        |
|                   | $P_1$ kW                         | 30                               | 30          | 37          | 37          | 45          | 45          | 45          | 55          | 55          | 75          | 75          | 75          |
|                   | $n_1$ 1/min                      | 1465                             | 2950        | 2955        | 2955        | 2960        | 2960        | 2960        | 2970        | 2970        | 2975        | 2975        | 2975        |
|                   | El. motor                        | 200L                             | 200L        | 200L        | 200L        | 225M        | 225M        | 225M        | 250M        | 250M        | 280S        | 280S        | 280S        |
|                   | $t_2$ °C                         | 73                               | 71          | 70          | 69          | 68          | 68          | 68          | 67          | 67          | 67          | 67          | 67          |
|                   | $L_p(A)$ dB                      | 86/73                            | 88/75       | 90/76       | 90/77       | 92/78       | 93/79       | 94/80       | 96/81       | 97/82       | 98/82       | 98/82       | 98/83       |
|                   | <b>60</b>                        | <b>Q</b> $\text{m}^3/\text{min}$ | <b>18,1</b> | <b>22,7</b> | <b>25,9</b> | <b>26,7</b> | <b>30,6</b> | <b>34,9</b> | <b>37,1</b> | <b>42,3</b> | <b>44,9</b> | <b>47,7</b> | <b>47,9</b> |
| $n_2$ 1/min       |                                  | 1465                             | 1750        | 1951        | 2003        | 2243        | 2515        | 2647        | 2975        | 3134        | 3312        | 3320        | 3508        |
| $P_2$ kW          |                                  | 25,7                             | 30,7        | 34,4        | 35,3        | 39,7        | 44,9        | 47,4        | 53,7        | 56,8        | 60,3        | 60,5        | 64,3        |
| $P_1$ kW          |                                  | 30                               | 37          | 45          | 45          | 45          | 55          | 55          | 75          | 75          | 75          | 75          | 75          |
| $n_1$ 1/min       |                                  | 1465                             | 2955        | 2960        | 2960        | 2960        | 2970        | 2970        | 2975        | 2975        | 2975        | 2975        | 2975        |
| El. motor         |                                  | 200L                             | 200L        | 225M        | 225M        | 225M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280S        |
| $t_2$ °C          |                                  | 85                               | 82          | 80          | 80          | 79          | 78          | 77          | 76          | 76          | 76          | 76          | 75          |
| $L_p(A)$ dB       |                                  | 88/74                            | 90/76       | 91/77       | 91/77       | 93/79       | 94/80       | 95/81       | 97/82       | 98/83       | 99/83       | 99/83       | 99/84       |
| <b>70</b>         |                                  | <b>Q</b> $\text{m}^3/\text{min}$ | <b>17,9</b> | <b>22,1</b> | <b>25,5</b> | <b>26,5</b> | <b>30,5</b> | <b>34,0</b> | <b>36,9</b> | <b>41,9</b> | <b>44,5</b> | <b>45,3</b> | <b>47,9</b> |
|                   | $n_2$ 1/min                      | 1475                             | 1741        | 1951        | 2016        | 2261        | 2479        | 2665        | 2975        | 3134        | 3188        | 3347        | 3520        |
|                   | $P_2$ kW                         | 30,0                             | 35,4        | 39,7        | 41,0        | 46,2        | 50,8        | 54,8        | 61,6        | 65,1        | 66,3        | 69,8        | 73,7        |
|                   | $P_1$ kW                         | 37                               | 45          | 45          | 55          | 55          | 75          | 75          | 75          | 75          | 75          | 90          | 90          |
|                   | $n_1$ 1/min                      | 1475                             | 2960        | 2960        | 2970        | 2970        | 2975        | 2975        | 2975        | 2975        | 2975        | 2975        | 2975        |
|                   | El. motor                        | 225S                             | 225M        | 225M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280S        | 280M        | 280M        |
|                   | $t_2$ °C                         | 98                               | 94          | 92          | 91          | 89          | 88          | 87          | 86          | 85          | 85          | 85          | 84          |
|                   | $L_p(A)$ dB                      | 89/75                            | 91/77       | 92/78       | 92/79       | 94/80       | 95/81       | 96/82       | 98/83       | 99/84       | 99/84       | 100/85      | 100/85      |
|                   | <b>80</b>                        | <b>Q</b> $\text{m}^3/\text{min}$ |             |             |             |             |             |             |             |             |             |             |             |
| $n_2$ 1/min       |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $P_2$ kW          |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $P_1$ kW          |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $n_1$ 1/min       |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| El. motor         |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $t_2$ °C          |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $L_p(A)$ dB       |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| <b>90</b>         |                                  | <b>Q</b> $\text{m}^3/\text{min}$ |             |             |             |             |             |             |             |             |             |             |             |
|                   | $n_2$ 1/min                      |                                  |             |             |             |             |             |             |             |             |             |             |             |
|                   | $P_2$ kW                         |                                  |             |             |             |             |             |             |             |             |             |             |             |
|                   | $P_1$ kW                         |                                  |             |             |             |             |             |             |             |             |             |             |             |
|                   | $n_1$ 1/min                      |                                  |             |             |             |             |             |             |             |             |             |             |             |
|                   | El. motor                        |                                  |             |             |             |             |             |             |             |             |             |             |             |
|                   | $t_2$ °C                         |                                  |             |             |             |             |             |             |             |             |             |             |             |
|                   | $L_p(A)$ dB                      |                                  |             |             |             |             |             |             |             |             |             |             |             |
|                   | <b>100</b>                       | <b>Q</b> $\text{m}^3/\text{min}$ |             |             |             |             |             |             |             |             |             |             |             |
| $n_2$ 1/min       |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $P_2$ kW          |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $P_1$ kW          |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $n_1$ 1/min       |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| El. motor         |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $t_2$ °C          |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |
| $L_p(A)$ dB       |                                  |                                  |             |             |             |             |             |             |             |             |             |             |             |

Other parameters on request.

Другие параметры по требованию.

Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20\text{°C}$ ,  $\rho=1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{кПа}$  (кПа),  $t_1=20\text{°C}$ ,  $\rho=1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta p$<br>кПа |           | <b>3D60B-200</b>         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|-----------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>10</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>17,2</b> | <b>18,3</b> | <b>21,0</b> | <b>22,5</b> | <b>24,1</b> | <b>25,9</b> | <b>28,0</b> | <b>32,3</b> | <b>36,2</b> | <b>38,3</b> | <b>40,4</b> | <b>42,8</b> | <b>43,1</b> | <b>45,6</b> | <b>48,5</b> | <b>49,9</b> | <b>53,2</b> |
|                   | $n_2$     | 1/min                    | 955         | 1006        | 1130        | 1200        | 1273        | 1358        | 1455        | 1655        | 1838        | 1934        | 2032        | 2145        | 2155        | 2275        | 2409        | 2472        | 2626        |
|                   | $P_2$     | kW                       | 4,00        | 4,25        | 4,88        | 5,24        | 5,64        | 6,11        | 6,67        | 7,90        | 9,06        | 9,72        | 10,4        | 11,3        | 11,3        | 12,2        | 13,3        | 13,8        | 15,1        |
|                   | $P_1$     | kW                       | 5,5         | 5,5         | 7,5         | 7,5         | 7,5         | 7,5         | 7,5         | 11          | 11          | 11          | 15          | 15          | 15          | 15          | 15          | 18,5        | 18,5        |
|                   | $n_1$     | 1/min                    | 1455        | 1455        | 1455        | 1455        | 1455        | 1455        | 1455        | 1460        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        | 2940        |
|                   | El. motor |                          | 132S        | 132S        | 132M        | 132M        | 132M        | 132M        | 132M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        |
|                   | $t_2$     | °C                       | 31          | 31          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 30          | 29          | 29          | 29          | 29          | 29          | 29          |
|                   | $L_p(A)$  | dB                       | 80/64       | 80/65       | 82/67       | 83/68       | 84/69       | 86/70       | 87/71       | 89/73       | 91/75       | 92/75       | 93/76       | 94/77       | 94/77       | 95/78       | 95/78       | 96/79       | 96/79       |
| <b>20</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>16,6</b> | <b>17,8</b> | <b>19,0</b> | <b>21,8</b> | <b>23,7</b> | <b>25,5</b> | <b>27,4</b> | <b>31,3</b> | <b>35,5</b> | <b>37,8</b> | <b>40,3</b> | <b>42,7</b> | <b>43,5</b> | <b>44,5</b> | <b>47,2</b> | <b>50,1</b> | <b>53,3</b> |
|                   | $n_2$     | 1/min                    | 961         | 1014        | 1071        | 1202        | 1288        | 1369        | 1460        | 1637        | 1834        | 1937        | 2055        | 2163        | 2201        | 2250        | 2371        | 2508        | 2655        |
|                   | $P_2$     | kW                       | 7,56        | 8,00        | 8,49        | 9,64        | 10,4        | 11,2        | 12,0        | 13,8        | 15,8        | 16,9        | 18,2        | 19,4        | 19,8        | 20,4        | 21,8        | 23,4        | 25,2        |
|                   | $P_1$     | kW                       | 11          | 11          | 11          | 11          | 15          | 15          | 15          | 18,5        | 18,5        | 22          | 22          | 22          | 22          | 30          | 30          | 30          | 30          |
|                   | $n_1$     | 1/min                    | 1460        | 1460        | 1460        | 1460        | 1460        | 1460        | 1460        | 1465        | 2940        | 2945        | 2945        | 2945        | 2945        | 2950        | 2950        | 2950        | 2950        |
|                   | El. motor |                          | 160M        | 160M        | 160M        | 160M        | 160L        | 160L        | 160L        | 180M        | 180L        | 180M        | 180M        | 180M        | 180M        | 200L        | 200L        | 200L        | 200L        |
|                   | $t_2$     | °C                       | 41          | 41          | 41          | 41          | 40          | 40          | 40          | 40          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 39          | 38          |
|                   | $L_p(A)$  | dB                       | 81/66       | 82/67       | 83/68       | 84/69       | 86/70       | 87/71       | 88/72       | 90/74       | 92/76       | 93/76       | 94/77       | 95/78       | 95/78       | 95/78       | 96/79       | 97/79       | 97/80       |
| <b>30</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>16,0</b> | <b>17,1</b> | <b>18,3</b> | <b>20,5</b> | <b>23,5</b> | <b>25,1</b> | <b>26,9</b> | <b>30,5</b> | <b>33,1</b> | <b>35,8</b> | <b>38,0</b> | <b>40,8</b> | <b>43,4</b> | <b>43,9</b> | <b>46,6</b> | <b>49,5</b> | <b>52,6</b> |
|                   | $n_2$     | 1/min                    | 961         | 1014        | 1071        | 1172        | 1311        | 1384        | 1465        | 1632        | 1750        | 1875        | 1975        | 2107        | 2226        | 2250        | 2371        | 2508        | 2648        |
|                   | $P_2$     | kW                       | 11,1        | 11,7        | 12,4        | 13,7        | 15,4        | 16,4        | 17,4        | 19,7        | 21,3        | 23,1        | 24,5        | 26,5        | 28,3        | 28,7        | 30,6        | 32,8        | 35,0        |
|                   | $P_1$     | kW                       | 15          | 15          | 15          | 18,5        | 18,5        | 18,5        | 22          | 22          | 30          | 30          | 30          | 30          | 37          | 37          | 37          | 37          | 45          |
|                   | $n_1$     | 1/min                    | 1460        | 1460        | 1460        | 1465        | 1465        | 1465        | 1465        | 1465        | 2950        | 2950        | 2950        | 2950        | 2955        | 2955        | 2955        | 2955        | 2960        |
|                   | El. motor |                          | 160L        | 160L        | 160L        | 180M        | 180M        | 180M        | 180L        | 180L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        |
|                   | $t_2$     | °C                       | 52          | 52          | 51          | 51          | 50          | 50          | 50          | 49          | 49          | 49          | 49          | 48          | 48          | 48          | 48          | 48          | 48          |
|                   | $L_p(A)$  | dB                       | 82/68       | 83/68       | 84/69       | 85/70       | 87/72       | 88/73       | 89/73       | 91/75       | 92/76       | 93/77       | 94/77       | 95/78       | 96/79       | 96/79       | 97/79       | 97/80       | 98/80       |
| <b>40</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>15,4</b> | <b>16,6</b> | <b>18,2</b> | <b>19,7</b> | <b>23,0</b> | <b>24,5</b> | <b>26,2</b> | <b>29,7</b> | <b>32,4</b> | <b>35,1</b> | <b>37,2</b> | <b>40,6</b> | <b>43,1</b> | <b>43,3</b> | <b>45,9</b> | <b>49,0</b> | <b>51,8</b> |
|                   | $n_2$     | 1/min                    | 967         | 1026        | 1099        | 1168        | 1319        | 1388        | 1465        | 1628        | 1750        | 1875        | 1975        | 2129        | 2243        | 2254        | 2375        | 2515        | 2647        |
|                   | $P_2$     | kW                       | 14,6        | 15,5        | 16,7        | 17,8        | 20,3        | 21,4        | 22,7        | 25,5        | 27,7        | 29,9        | 31,7        | 34,6        | 36,7        | 36,9        | 39,3        | 42,0        | 44,6        |
|                   | $P_1$     | kW                       | 18,5        | 18,5        | 18,5        | 22          | 30          | 30          | 30          | 30          | 37          | 37          | 37          | 45          | 45          | 45          | 45          | 55          | 55          |
|                   | $n_1$     | 1/min                    | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 2955        | 2955        | 2955        | 2960        | 2960        | 2960        | 2960        | 2970        | 2970        |
|                   | El. motor |                          | 180M        | 180M        | 180M        | 180L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        | 225M        | 225M        | 250M        | 250M        |
|                   | $t_2$     | °C                       | 64          | 64          | 63          | 63          | 62          | 62          | 61          | 60          | 60          | 59          | 59          | 58          | 58          | 58          | 58          | 58          | 58          |
|                   | $L_p(A)$  | dB                       | 83/69       | 84/70       | 85/71       | 86/71       | 88/73       | 89/74       | 90/74       | 92/76       | 93/77       | 94/78       | 95/78       | 96/79       | 97/80       | 97/80       | 97/80       | 98/80       | 99/81       |
| <b>50</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>14,6</b> | <b>15,9</b> | <b>17,7</b> | <b>19,2</b> | <b>22,3</b> | <b>23,8</b> | <b>25,7</b> | <b>27,5</b> | <b>32,2</b> | <b>34,8</b> | <b>37,2</b> | <b>39,7</b> | <b>40,1</b> | <b>42,8</b> | <b>45,5</b> | <b>48,5</b> | <b>51,6</b> |
|                   | $n_2$     | 1/min                    | 964         | 1022        | 1106        | 1175        | 1319        | 1388        | 1475        | 1557        | 1773        | 1891        | 2003        | 2118        | 2135        | 2261        | 2387        | 2523        | 2665        |
|                   | $P_2$     | kW                       | 18,1        | 19,2        | 20,8        | 22,2        | 25,1        | 26,5        | 28,2        | 29,9        | 34,5        | 37,0        | 39,5        | 42,0        | 42,4        | 45,2        | 48,1        | 51,3        | 54,6        |
|                   | $P_1$     | kW                       | 22          | 22          | 30          | 30          | 30          | 30          | 37          | 37          | 45          | 45          | 45          | 55          | 55          | 55          | 55          | 75          | 75          |
|                   | $n_1$     | 1/min                    | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 1475        | 1475        | 2960        | 2960        | 2960        | 2970        | 2970        | 2970        | 2970        | 2975        | 2975        |
|                   | El. motor |                          | 180L        | 180L        | 200L        | 200L        | 200L        | 200L        | 225S        | 225S        | 225M        | 225M        | 225M        | 250M        | 250M        | 250M        | 250M        | 280S        | 280S        |
|                   | $t_2$     | °C                       | 79          | 78          | 77          | 76          | 74          | 73          | 72          | 72          | 70          | 70          | 70          | 69          | 69          | 69          | 69          | 68          | 68          |
|                   | $L_p(A)$  | dB                       | 84/70       | 85/71       | 86/72       | 87/73       | 89/74       | 90/75       | 91/75       | 92/76       | 94/78       | 95/78       | 96/79       | 96/80       | 97/80       | 97/80       | 98/81       | 99/81       | 99/81       |
| <b>60</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>13,3</b> | <b>14,4</b> | <b>17,1</b> | <b>18,6</b> | <b>21,9</b> | <b>23,4</b> | <b>25,1</b> | <b>26,8</b> | <b>31,7</b> | <b>34,3</b> | <b>36,9</b> | <b>39,2</b> | <b>41,3</b> | <b>42,0</b> | <b>44,8</b> | <b>47,9</b> | <b>51,0</b> |
|                   | $n_2$     | 1/min                    | 931         | 981         | 1106        | 1175        | 1328        | 1397        | 1475        | 1553        | 1779        | 1898        | 2016        | 2125        | 2221        | 2253        | 2380        | 2523        | 2665        |
|                   | $P_2$     | kW                       | 20,8        | 22,0        | 24,8        | 26,4        | 30,0        | 31,7        | 33,6        | 35,5        | 41,0        | 44,0        | 47,0        | 49,9        | 52,4        | 53,2        | 56,6        | 60,4        | 64,3        |
|                   | $P_1$     | kW                       | 30          | 30          | 30          | 30          | 37          | 37          | 37          | 45          | 55          | 55          | 55          | 55          | 75          | 75          | 75          | 75          | 75          |
|                   | $n_1$     | 1/min                    | 1465        | 1465        | 1465        | 1465        | 1475        | 1475        | 1475        | 1475        | 2970        | 2970        | 2970        | 2970        | 2975        | 2975        | 2975        | 2975        | 2975        |
|                   | El. motor |                          | 200L        | 200L        | 200L        | 200L        | 225S        | 225S        | 225S        | 225M        | 250M        | 250M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280S        |
|                   | $t_2$     | °C                       | 94          | 93          | 90          | 89          | 86          | 85          | 84          | 83          | 81          | 80          | 79          | 79          | 78          | 78          | 78          | 78          | 77          |
|                   | $L_p(A)$  | dB                       | 85/71       | 86/72       | 88/73       | 88/74       | 90/75       | 91/76       | 92/76       | 93/77       | 95/78       | 96/79       | 97/80       | 97/80       | 98/80       | 98/81       | 99/81       | 99/81       | 100/82      |
| <b>70</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>12,8</b> | <b>13,9</b> | <b>16,7</b> | <b>18,3</b> | <b>21,3</b> | <b>23,0</b> | <b>24,6</b> | <b>26,4</b> | <b>31,2</b> | <b>33,1</b> | <b>36,4</b> | <b>38,8</b> | <b>40,8</b> | <b>41,5</b> | <b>44,2</b> | <b>46,5</b> | <b>50,1</b> |
|                   | $n_2$     | 1/min                    | 931         | 981         | 1113        | 1183        | 1322        | 1401        | 1475        | 1559        | 1779        | 1865        | 2019        | 2129        | 2221        | 2253        | 2380        | 2486        | 2652        |
|                   | $P_2$     | kW                       | 24,2        | 25,5        | 29,0        | 30,9        | 34,7        | 36,9        | 38,9        | 41,3        | 47,5        | 50,0        | 54,4        | 57,7        | 60,4        | 61,4        | 65,2        | 68,4        | 73,5        |
|                   | $P_1$     | kW                       | 30          | 30          | 37          | 37          | 45          | 45          | 45          | 55          | 55          | 55          | 75          | 75          | 75          | 75          | 75          | 90          | 90          |
|                   | $n_1$     | 1/min                    | 1465        | 1465        | 1475        | 1475        | 1475        | 1475        | 1475        | 1480        | 1480        | 1480        | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        |
|                   | El. motor |                          | 200L        | 200L        | 225S        | 225S        | 225M        | 225M        | 225M        | 250M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280S        | 280M        | 280M        |
|                   | $t_2$     | °C                       | 109         | 108         | 104         | 102         | 99          | 98          | 96          | 95          | 92          | 91          | 90          | 90          | 89          | 89          | 88          | 88          | 87          |
|                   | $L_p(A)$  | dB                       | 87/73       | 87/73       | 89/74       | 90/75       | 91/76       | 92/77       | 93/77       | 93/78       | 95/79       | 96/80       | 97/80       | 98/81       | 98/81       | 99/81       | 99/82       | 100/82      | 100/82      |
| <b>80</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>12,4</b> | <b>13,5</b> | <b>16,2</b> | <b>17,8</b> | <b>20,7</b> | <b>22,5</b> | <b>24,2</b> | <b>25,9</b> | <b>30,1</b> | <b>32,3</b> | <b>35,9</b> | <b>38,3</b> | <b>40,2</b> | <b>40,7</b> | <b>43,3</b> | <b>46,0</b> | <b>50,1</b> |
|                   | $n_2$     | 1/min                    | 938         | 988         | 1113        | 1185        | 1322        | 1405        | 1480        | 1559        | 1751        | 1856        | 2019        | 2129        | 2216        | 2242        | 2360        | 2486        | 2675        |
|                   | $P_2$     | kW                       | 27          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |



Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20\text{°C}$ ,  $\rho=1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{ кПа (кПа)}$ ,  $t_1=20\text{°C}$ ,  $\rho=1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta p$<br>kPa | 3D80B-250 |                          |             |             |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|-----------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>10</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>34,6</b> | <b>36,8</b> | <b>39,2</b> | <b>44,7</b> | <b>48,3</b> | <b>51,7</b> | <b>55,7</b> | <b>59,3</b> | <b>62,9</b> | <b>71,1</b> | <b>72,8</b> | <b>77,0</b> | <b>82,6</b> |
| $n_2$             | 1/min     |                          | 961         | 1014        | 1071        | 1202        | 1288        | 1369        | 1465        | 1551        | 1637        | 1834        | 1875        | 1975        | 2107        |
| $P_2$             | kW        |                          | 8,4         | 8,9         | 9,5         | 10,9        | 11,9        | 12,9        | 14,2        | 15,5        | 16,8        | 20,0        | 20,7        | 22,5        | 25,1        |
| $P_1$             | kW        |                          | 11          | 11          | 11          | 15          | 15          | 15          | 18,5        | 18,5        | 18,5        | 22          | 30          | 30          | 30          |
| $n_1$             | 1/min     |                          | 1460        | 1460        | 1460        | 1460        | 1460        | 1460        | 1465        | 1465        | 1465        | 2945        | 2950        | 2950        | 2950        |
| El. motor         |           |                          | 160M        | 160M        | 160M        | 160L        | 160L        | 160L        | 180M        | 180M        | 180M        | 180M        | 200L        | 200L        | 200L        |
| $t_2$             | °C        |                          | 30          | 30          | 30          | 30          | 30          | 29          | 29          | 29          | 29          | 29          | 29          | 29          | 29          |
| $L_p(A)$          | dB        |                          | 83/68       | 84/69       | 85/69       | 87/71       | 89/72       | 90/72       | 91/73       | 92/74       | 93/74       | 95/76       | 95/76       | 96/76       | 97/76       |
| <b>20</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>34,1</b> | <b>36,5</b> | <b>39,6</b> | <b>42,4</b> | <b>48,7</b> | <b>51,6</b> | <b>54,8</b> | <b>58,2</b> | <b>61,6</b> | <b>66,7</b> | <b>72,6</b> | <b>77,2</b> | <b>82,5</b> |
| $n_2$             | 1/min     |                          | 967         | 1026        | 1099        | 1168        | 1319        | 1388        | 1465        | 1546        | 1628        | 1750        | 1891        | 2003        | 2129        |
| $P_2$             | kW        |                          | 14,2        | 15,1        | 16,3        | 17,5        | 20,4        | 21,7        | 23,3        | 25,1        | 27,0        | 29,9        | 33,5        | 36,5        | 40,0        |
| $P_1$             | kW        |                          | 18,5        | 18,5        | 18,5        | 22          | 30          | 30          | 30          | 30          | 30          | 37          | 37          | 45          | 45          |
| $n_1$             | 1/min     |                          | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 1465        | 2955        | 2955        | 2960        | 2960        |
| El. motor         |           |                          | 180M        | 180M        | 180M        | 180L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 200L        | 225M        | 225M        |
| $t_2$             | °C        |                          | 40          | 40          | 40          | 39          | 39          | 39          | 39          | 39          | 39          | 38          | 38          | 38          | 38          |
| $L_p(A)$          | dB        |                          | 85/69       | 86/69       | 87/70       | 88/71       | 91/73       | 92/73       | 93/74       | 94/75       | 95/75       | 96/76       | 97/76       | 97/77       | 98/77       |
| <b>30</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>31,8</b> | <b>33,9</b> | <b>39,0</b> | <b>41,9</b> | <b>48,3</b> | <b>51,1</b> | <b>54,4</b> | <b>57,6</b> | <b>61,5</b> | <b>67,0</b> | <b>71,9</b> | <b>77,0</b> | <b>81,4</b> |
| $n_2$             | 1/min     |                          | 931         | 981         | 1106        | 1175        | 1328        | 1397        | 1475        | 1553        | 1646        | 1779        | 1898        | 2019        | 2125        |
| $P_2$             | kW        |                          | 20,3        | 21,4        | 24,3        | 25,9        | 29,8        | 31,6        | 33,8        | 36,0        | 38,8        | 42,9        | 46,8        | 50,9        | 54,6        |
| $P_1$             | kW        |                          | 30          | 30          | 30          | 30          | 37          | 37          | 45          | 45          | 45          | 55          | 55          | 75          | 75          |
| $n_1$             | 1/min     |                          | 1465        | 1465        | 1465        | 1465        | 1475        | 1475        | 1475        | 1475        | 1475        | 2970        | 2970        | 2975        | 2975        |
| El. motor         |           |                          | 200L        | 200L        | 200L        | 200L        | 225S        | 225S        | 225M        | 225M        | 225M        | 250M        | 250M        | 280S        | 280S        |
| $t_2$             | °C        |                          | 50          | 50          | 49          | 49          | 49          | 49          | 48          | 48          | 48          | 48          | 48          | 48          | 48          |
| $L_p(A)$          | dB        |                          | 85/69       | 86/70       | 89/71       | 90/72       | 92/73       | 93/74       | 94/75       | 95/75       | 96/76       | 97/77       | 98/77       | 98/77       | 99/78       |
| <b>40</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>31,0</b> | <b>33,1</b> | <b>38,3</b> | <b>41,3</b> | <b>47,0</b> | <b>50,4</b> | <b>53,5</b> | <b>56,8</b> | <b>60,9</b> | <b>64,8</b> | <b>69,1</b> | <b>75,9</b> | <b>79,6</b> |
| $n_2$             | 1/min     |                          | 938         | 988         | 1113        | 1185        | 1322        | 1405        | 1480        | 1559        | 1657        | 1751        | 1856        | 2019        | 2109        |
| $P_2$             | kW        |                          | 27,0        | 28,4        | 32,1        | 34,4        | 38,8        | 41,6        | 44,2        | 47,0        | 50,6        | 54,2        | 58,2        | 64,9        | 68,7        |
| $P_1$             | kW        |                          | 30          | 37          | 37          | 45          | 45          | 55          | 55          | 55          | 75          | 75          | 75          | 90          | 90          |
| $n_1$             | 1/min     |                          | 1465        | 1475        | 1475        | 1475        | 1475        | 1480        | 1480        | 1480        | 1485        | 1485        | 1485        | 1485        | 1485        |
| El. motor         |           |                          | 200L        | 225S        | 225S        | 225M        | 225M        | 250M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280M        |
| $t_2$             | °C        |                          | 62          | 61          | 60          | 60          | 59          | 59          | 58          | 58          | 58          | 58          | 57          | 57          | 57          |
| $L_p(A)$          | dB        |                          | 87/70       | 88/70       | 90/72       | 91/73       | 93/74       | 94/75       | 95/75       | 96/76       | 97/77       | 98/77       | 99/78       | 99/78       | 100/78      |
| <b>50</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>30,3</b> | <b>32,6</b> | <b>37,6</b> | <b>40,3</b> | <b>46,3</b> | <b>49,3</b> | <b>52,8</b> | <b>56,4</b> | <b>59,9</b> | <b>64,9</b> | <b>69,1</b> | <b>73,7</b> | <b>78,6</b> |
| $n_2$             | 1/min     |                          | 944         | 1000        | 1119        | 1184        | 1329        | 1402        | 1485        | 1573        | 1657        | 1777        | 1877        | 1989        | 2105        |
| $P_2$             | kW        |                          | 33,7        | 35,7        | 40,1        | 42,5        | 48,2        | 51,2        | 54,6        | 58,4        | 62,1        | 67,4        | 72,0        | 77,4        | 83,0        |
| $P_1$             | kW        |                          | 45          | 45          | 45          | 55          | 55          | 75          | 75          | 75          | 75          | 90          | 90          | 110         | 110         |
| $n_1$             | 1/min     |                          | 1475        | 1475        | 1475        | 1480        | 1480        | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        | 1488        |
| El. motor         |           |                          | 225M        | 225M        | 225M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280S        | 280M        | 280M        | 315S        |
| $t_2$             | °C        |                          | 74          | 74          | 72          | 71          | 70          | 69          | 69          | 68          | 68          | 68          | 67          | 67          | 67          |
| $L_p(A)$          | dB        |                          | 88/71       | 89/71       | 91/73       | 92/74       | 94/75       | 95/76       | 96/76       | 97/77       | 98/77       | 99/78       | 99/78       | 100/79      | 100/79      |
| <b>60</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>29,5</b> | <b>32,0</b> | <b>34,6</b> | <b>39,6</b> | <b>45,6</b> | <b>48,5</b> | <b>52,0</b> | <b>55,0</b> | <b>59,7</b> | <b>64,1</b> | <b>68,7</b> | <b>72,6</b> | <b>77,7</b> |
| $n_2$             | 1/min     |                          | 944         | 1004        | 1066        | 1188        | 1331        | 1402        | 1485        | 1559        | 1671        | 1777        | 1887        | 1981        | 2105        |
| $P_2$             | kW        |                          | 40,2        | 42,8        | 45,5        | 50,9        | 57,5        | 60,9        | 64,9        | 68,6        | 74,2        | 79,7        | 85,6        | 90,7        | 97,6        |
| $P_1$             | kW        |                          | 45          | 55          | 55          | 75          | 75          | 75          | 75          | 90          | 90          | 90          | 110         | 110         | 110         |
| $n_1$             | 1/min     |                          | 1475        | 1480        | 1480        | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        | 1488        | 1488        | 1488        |
| El. motor         |           |                          | 225M        | 250M        | 250M        | 280S        | 280S        | 280S        | 280S        | 280M        | 280M        | 280M        | 315S        | 315S        | 315S        |
| $t_2$             | °C        |                          | 88          | 87          | 86          | 84          | 81          | 81          | 80          | 79          | 78          | 78          | 77          | 77          | 77          |
| $L_p(A)$          | dB        |                          | 88/71       | 90/72       | 91/73       | 93/74       | 95/76       | 96/76       | 97/77       | 98/78       | 99/78       | 100/79      | 100/79      | 101/80      | 101/80      |
| <b>70</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>29,0</b> | <b>31,2</b> | <b>36,2</b> | <b>38,9</b> | <b>44,8</b> | <b>48,2</b> | <b>51,2</b> | <b>54,3</b> | <b>58,6</b> | <b>63,0</b> | <b>67,9</b> | <b>71,8</b> | <b>76,9</b> |
| $n_2$             | 1/min     |                          | 951         | 1004        | 1124        | 1188        | 1331        | 1414        | 1485        | 1559        | 1663        | 1769        | 1887        | 1981        | 2105        |
| $P_2$             | kW        |                          | 47,1        | 49,8        | 55,8        | 59,2        | 66,7        | 71,3        | 75,2        | 79,3        | 85,3        | 91,5        | 98,6        | 104         | 112         |
| $P_1$             | kW        |                          | 55          | 55          | 75          | 75          | 75          | 90          | 90          | 90          | 110         | 110         | 132         | 132         | 132         |
| $n_1$             | 1/min     |                          | 1480        | 1480        | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        | 1488        | 1488        | 1488        | 1488        | 1488        |
| El. motor         |           |                          | 250M        | 250M        | 280S        | 280S        | 280S        | 280M        | 280M        | 280M        | 315S        | 315S        | 315S        | 315M        | 315M        |
| $t_2$             | °C        |                          | 101         | 99          | 96          | 95          | 93          | 91          | 91          | 90          | 89          | 88          | 87          | 87          | 87          |
| $L_p(A)$          | dB        |                          | 90/72       | 91/73       | 93/74       | 94/75       | 96/77       | 97/77       | 98/78       | 99/78       | 100/79      | 100/80      | 101/80      | 102/80      | 102/81      |
| <b>80</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>27,9</b> | <b>30,7</b> | <b>35,5</b> | <b>38,1</b> | <b>43,6</b> | <b>47,5</b> | <b>50,5</b> | <b>54,0</b> | <b>57,9</b> | <b>62,3</b> | <b>67,2</b> | <b>71,1</b> | <b>77,0</b> |
| $n_2$             | 1/min     |                          | 941         | 1008        | 1124        | 1188        | 1320        | 1414        | 1486        | 1570        | 1663        | 1769        | 1887        | 1981        | 2123        |
| $P_2$             | kW        |                          | 53,1        | 56,9        | 63,6        | 67,4        | 75,3        | 81,1        | 85,6        | 90,9        | 96,9        | 104         | 112         | 118         | 128         |
| $P_1$             | kW        |                          | 75          | 75          | 75          | 75          | 90          | 90          | 110         | 110         | 110         | 132         | 132         | 132         | 160         |
| $n_1$             | 1/min     |                          | 1485        | 1485        | 1485        | 1485        | 1485        | 1485        | 1488        | 1488        | 1488        | 1488        | 1488        | 1488        | 1486        |
| El. motor         |           |                          | 280S        | 280S        | 280S        | 280S        | 280M        | 280M        | 315S        | 315S        | 315S        | 315M        | 315M        | 315M        | 315L        |
| $t_2$             | °C        |                          | 114         | 112         | 109         | 107         | 104         | 103         | 102         | 101         | 100         | 99          | 98          | 97          | 96          |
| $L_p(A)$          | dB        |                          | 91/73       | 92/74       | 94/75       | 95/76       | 97/77       | 98/78       | 99/78       | 100/79      | 101/80      | 102/80      | 102/81      | 103/81      | 103/81      |
| <b>90</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>27,2</b> | <b>30,0</b> | <b>34,2</b> | <b>36,9</b> | <b>43,2</b> | <b>46,5</b> | <b>49,8</b> | <b>53,3</b> | <b>57,2</b> | <b>61,6</b> | <b>66,4</b> | <b>71,4</b> | <b>76,3</b> |
| $n_2$             | 1/min     |                          | 941         | 1008        | 1109        | 1175        | 1327        | 1407        | 1486        | 1570        | 1663        | 1769        | 1885        | 2005        | 2123        |
| $P_2$             | kW        |                          | 59,8        | 64,0        | 70,5        | 74,8        | 85,0        | 90,4        | 95,9        | 102         | 108         | 116         | 124         | 133         | 142         |
| $P_1$             | kW        |                          | 75          | 75          | 90          | 90          | 110         | 110         | 110         | 132         | 132         | 132         | 160         | 160         | 160         |
| $n_1$             | 1/min     |                          | 1485        | 1485        | 1485        | 1485        | 1488        | 1488        | 1488        | 1488        | 1488        | 1488        | 1486        | 1486        | 1486        |
| El. motor         |           |                          | 280S        | 280S        | 280M        | 280M        | 315S        | 315S        | 315S        | 315M        | 315M        | 315M        | 315L        | 315L        | 315L        |
| $t_2$             | °C        |                          | 129         | 126         | 123         | 121         | 117         | 115         | 113         | 112         | 111         | 110         | 109         | 108         | 107         |
| $L_p(A)$          | dB        |                          | 92/74       | 93/74       | 95/76       | 96/76       | 98/78       | 99/79       | 100/79      | 101/80      | 102/81      | 102/81      | 103/82      | 103/82      | 104/82      |
| <b>100</b>        | <b>Q</b>  | <b>m<sup>3</sup>/min</b> |             |             |             | <b>36,0</b> | <b>42,6</b> | <b>45,9</b> | <b>49,2</b> | <b>52,6</b> |             |             |             |             |             |



Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20\text{°C}$ ,  $\rho=1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{кПа}$  (кПа),  $t_1=20\text{°C}$ ,  $\rho=1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta p$<br>kPa |           | 3D90B-300                |             |             |             |             |              |             |             |            |            |            |            |
|-------------------|-----------|--------------------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|------------|------------|------------|------------|
| <b>10</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>75,6</b> | <b>83,9</b> | <b>86,1</b> | <b>91,5</b> | <b>102,0</b> | <b>104</b>  | <b>111</b>  | <b>118</b> | <b>125</b> | <b>132</b> | <b>141</b> |
|                   | $n_2$     | 1/min                    | 931         | 1022        | 1046        | 1106        | 1221         | 1245        | 1320        | 1397       | 1475       | 1553       | 1648       |
|                   | $P_2$     | kW                       | 17,1        | 19,7        | 20,4        | 22,3        | 26,2         | 27,0        | 29,8        | 32,8       | 36,1       | 39,5       | 43,8       |
|                   | $P_1$     | kW                       | 22          | 22          | 30          | 30          | 30           | 30          | 37          | 37         | 45         | 45         | 55         |
|                   | $n_1$     | 1/min                    | 1465        | 1465        | 1465        | 1465        | 1465         | 1465        | 1475        | 1475       | 1475       | 1475       | 1480       |
|                   | El. motor |                          | 180L        | 180L        | 200L        | 200L        | 200L         | 200L        | 225S        | 225S       | 225M       | 225M       | 250M       |
|                   | $t_2$     | °C                       | 30          | 30          | 30          | 30          | 29           | 29          | 29          | 29         | 29         | 29         | 29         |
|                   | $L_p(A)$  | dB                       | 91/75       | 92/76       | 93/76       | 93/76       | 94/77        | 94/77       | 95/78       | 96/78      | 96/79      | 97/79      | 97/79      |
| <b>20</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>74,7</b> | <b>80,4</b> | <b>86,1</b> | <b>91,2</b> | <b>97,2</b>  | <b>104</b>  | <b>109</b>  | <b>117</b> | <b>125</b> | <b>133</b> | <b>142</b> |
|                   | $n_2$     | 1/min                    | 938         | 1000        | 1063        | 1119        | 1184         | 1255        | 1316        | 1402       | 1485       | 1573       | 1671       |
|                   | $P_2$     | kW                       | 30,9        | 33,5        | 36,3        | 38,9        | 42,0         | 45,6        | 48,8        | 53,6       | 58,4       | 63,7       | 70,0       |
|                   | $P_1$     | kW                       | 37          | 37          | 45          | 45          | 55           | 55          | 55          | 75         | 75         | 75         | 90         |
|                   | $n_1$     | 1/min                    | 1475        | 1475        | 1475        | 1475        | 1480         | 1480        | 1480        | 1485       | 1485       | 1485       | 1485       |
|                   | El. motor |                          | 225S        | 225S        | 225M        | 225M        | 250M         | 250M        | 250M        | 280S       | 280S       | 280S       | 280M       |
|                   | $t_2$     | °C                       | 40          | 39          | 39          | 39          | 39           | 39          | 39          | 38         | 38         | 38         | 38         |
|                   | $L_p(A)$  | dB                       | 92/76       | 93/76       | 94/77       | 94/77       | 95/77        | 95/78       | 96/78       | 96/79      | 97/79      | 98/79      | 98/80      |
| <b>30</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>74,5</b> | <b>79,3</b> | <b>84,5</b> | <b>90,2</b> | <b>96,0</b>  | <b>102</b>  | <b>108</b>  | <b>117</b> | <b>123</b> | <b>131</b> | <b>139</b> |
|                   | $n_2$     | 1/min                    | 951         | 1004        | 1061        | 1124        | 1188         | 1259        | 1320        | 1414       | 1486       | 1570       | 1663       |
|                   | $P_2$     | kW                       | 46,1        | 49,1        | 52,4        | 56,2        | 60,3         | 64,9        | 69,0        | 75,6       | 80,9       | 87,3       | 94,6       |
|                   | $P_1$     | kW                       | 55          | 55          | 75          | 75          | 75           | 75          | 90          | 90         | 90         | 110        | 110        |
|                   | $n_1$     | 1/min                    | 1480        | 1480        | 1485        | 1485        | 1485         | 1485        | 1485        | 1485       | 1485       | 1488       | 1488       |
|                   | El. motor |                          | 250M        | 250M        | 280S        | 280S        | 280S         | 280S        | 280M        | 280M       | 280M       | 315S       | 315S       |
|                   | $t_2$     | °C                       | 49          | 49          | 49          | 48          | 48           | 48          | 48          | 48         | 47         | 47         | 47         |
|                   | $L_p(A)$  | dB                       | 93/76       | 94/77       | 94/77       | 95/78       | 95/78        | 96/78       | 96/79       | 97/79      | 98/79      | 98/80      | 99/80      |
| <b>40</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>71,8</b> | <b>77,9</b> | <b>81,3</b> | <b>87,0</b> | <b>93,4</b>  | <b>99,7</b> | <b>107</b>  | <b>114</b> | <b>121</b> | <b>129</b> | <b>137</b> |
|                   | $n_2$     | 1/min                    | 941         | 1008        | 1046        | 1109        | 1179         | 1248        | 1327        | 1407       | 1486       | 1570       | 1663       |
|                   | $P_2$     | kW                       | 59,9        | 64,7        | 67,4        | 72,1        | 77,5         | 83,0        | 89,5        | 96,3       | 103        | 111        | 120        |
|                   | $P_1$     | kW                       | 75          | 75          | 75          | 90          | 90           | 110         | 110         | 110        | 132        | 132        | 132        |
|                   | $n_1$     | 1/min                    | 1485        | 1485        | 1485        | 1485        | 1485         | 1488        | 1488        | 1488       | 1488       | 1488       | 1488       |
|                   | El. motor |                          | 280S        | 280S        | 280S        | 280M        | 280M         | 315S        | 315S        | 315S       | 315M       | 315M       | 315M       |
|                   | $t_2$     | °C                       | 60          | 59          | 59          | 59          | 58           | 58          | 57          | 57         | 57         | 57         | 57         |
|                   | $L_p(A)$  | dB                       | 94/77       | 95/77       | 95/78       | 95/78       | 96/78        | 97/79       | 97/79       | 98/80      | 98/80      | 99/80      | 99/81      |
| <b>50</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>69,9</b> | <b>74,6</b> | <b>79,4</b> | <b>86,1</b> | <b>92,8</b>  | <b>98,2</b> | <b>105</b>  | <b>113</b> | <b>120</b> | <b>129</b> | <b>138</b> |
|                   | $n_2$     | 1/min                    | 935         | 987         | 1040        | 1115        | 1189         | 1248        | 1327        | 1407       | 1486       | 1585       | 1686       |
|                   | $P_2$     | kW                       | 74,0        | 78,4        | 83,0        | 89,7        | 96,5         | 102         | 110         | 118        | 126        | 136        | 147        |
|                   | $P_1$     | kW                       | 90          | 90          | 110         | 110         | 110          | 132         | 132         | 132        | 160        | 160        | 200        |
|                   | $n_1$     | 1/min                    | 1485        | 1485        | 1488        | 1488        | 1488         | 1488        | 1488        | 1488       | 1486       | 1486       | 1486       |
|                   | El. motor |                          | 280M        | 280M        | 315S        | 315S        | 315S         | 315M        | 315M        | 315M       | 315L       | 315L       | 315L       |
|                   | $t_2$     | °C                       | 71          | 70          | 70          | 69          | 68           | 68          | 68          | 67         | 67         | 67         | 66         |
|                   | $L_p(A)$  | dB                       | 95/77       | 95/78       | 96/78       | 96/78       | 97/79        | 97/79       | 98/80       | 98/80      | 99/80      | 99/81      | 100/81     |
| <b>60</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>67,7</b> | <b>72,7</b> | <b>77,8</b> | <b>84,6</b> | <b>91,3</b>  | <b>96,4</b> | <b>103</b>  | <b>110</b> | <b>118</b> | <b>127</b> | <b>136</b> |
|                   | $n_2$     | 1/min                    | 929         | 984         | 1040        | 1115        | 1189         | 1245        | 1319        | 1393       | 1488       | 1581       | 1686       |
|                   | $P_2$     | kW                       | 87,9        | 93,3        | 99,0        | 107         | 115          | 121         | 129         | 137        | 148        | 160        | 173        |
|                   | $P_1$     | kW                       | 110         | 110         | 110         | 132         | 132          | 160         | 160         | 160        | 200        | 200        | 200        |
|                   | $n_1$     | 1/min                    | 1488        | 1488        | 1488        | 1488        | 1488         | 1486        | 1486        | 1486       | 1486       | 1486       | 1486       |
|                   | El. motor |                          | 315S        | 315S        | 315S        | 315M        | 315M         | 315L        | 315L        | 315L       | 315L       | 315L       | 315L       |
|                   | $t_2$     | °C                       | 83          | 82          | 81          | 80          | 79           | 79          | 78          | 78         | 77         | 77         | 76         |
|                   | $L_p(A)$  | dB                       | 96/78       | 97/78       | 97/79       | 97/79       | 98/80        | 98/80       | 99/80       | 99/81      | 100/81     | 100/81     | 101/82     |
| <b>70</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>66,3</b> | <b>71,3</b> | <b>76,4</b> | <b>83,2</b> | <b>89,9</b>  | <b>95,0</b> | <b>101</b>  | <b>109</b> | <b>117</b> | <b>125</b> | <b>132</b> |
|                   | $n_2$     | 1/min                    | 929         | 984         | 1040        | 1115        | 1189         | 1245        | 1313        | 1400       | 1488       | 1571       | 1653       |
|                   | $P_2$     | kW                       | 102         | 108         | 114         | 123         | 132          | 139         | 148         | 159        | 171        | 182        | 194        |
|                   | $P_1$     | kW                       | 132         | 132         | 132         | 160         | 160          | 160         | 200         | 200        | 200        | 250        | 250        |
|                   | $n_1$     | 1/min                    | 1488        | 1488        | 1488        | 1486        | 1486         | 1486        | 1486        | 1486       | 1486       | 1488       | 1488       |
|                   | El. motor |                          | 315M        | 315M        | 315M        | 315L        | 315L         | 315L        | 315L        | 315L       | 315L       | 315        | 315        |
|                   | $t_2$     | °C                       | 95          | 94          | 93          | 91          | 90           | 90          | 89          | 88         | 88         | 87         | 87         |
|                   | $L_p(A)$  | dB                       | 97/78       | 98/79       | 98/79       | 99/80       | 99/80        | 99/80       | 100/81      | 100/81     | 100/81     | 101/82     | 101/82     |
| <b>80</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>65,3</b> | <b>70,2</b> | <b>75,3</b> | <b>82,1</b> | <b>88,8</b>  | <b>93,6</b> | <b>99,9</b> | <b>108</b> | <b>116</b> | <b>123</b> | <b>131</b> |
|                   | $n_2$     | 1/min                    | 929         | 984         | 1040        | 1115        | 1190         | 1243        | 1313        | 1400       | 1488       | 1571       | 1653       |
|                   | $P_2$     | kW                       | 116         | 123         | 130         | 140         | 150          | 158         | 168         | 180        | 193        | 206        | 218        |
|                   | $P_1$     | kW                       | 132         | 160         | 160         | 160         | 200          | 200         | 200         | 200        | 250        | 250        | 250        |
|                   | $n_1$     | 1/min                    | 1488        | 1486        | 1486        | 1486        | 1486         | 1486        | 1486        | 1486       | 1488       | 1488       | 1488       |
|                   | El. motor |                          | 315M        | 315L        | 315L        | 315L        | 315L         | 315L        | 315L        | 315L       | 315        | 315        | 315        |
|                   | $t_2$     | °C                       | 107         | 106         | 104         | 103         | 101          | 100         | 99          | 99         | 98         | 97         | 97         |
|                   | $L_p(A)$  | dB                       | 98/79       | 99/79       | 99/80       | 99/80       | 100/80       | 100/81      | 100/81      | 101/81     | 101/82     | 101/82     | 102/83     |
| <b>90</b>         | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>64,2</b> | <b>69,2</b> | <b>75,0</b> | <b>80,4</b> | <b>87,8</b>  | <b>92,6</b> | <b>101</b>  | <b>108</b> | <b>115</b> | <b>122</b> | <b>130</b> |
|                   | $n_2$     | 1/min                    | 929         | 984         | 1049        | 1108        | 1190         | 1243        | 1339        | 1410       | 1488       | 1571       | 1653       |
|                   | $P_2$     | kW                       | 131         | 139         | 148         | 157         | 169          | 177         | 192         | 203        | 216        | 230        | 244        |
|                   | $P_1$     | kW                       | 160         | 160         | 200         | 200         | 200          | 200         | 250         | 250        | 250        | 315        | 315        |
|                   | $n_1$     | 1/min                    | 1486        | 1486        | 1486        | 1486        | 1486         | 1486        | 1488        | 1488       | 1488       | 1488       | 1488       |
|                   | El. motor |                          | 315L        | 315L        | 315L        | 315L        | 315L         | 315L        | 315         | 315        | 315        | 315        | 315        |
|                   | $t_2$     | °C                       | 120         | 118         | 116         | 115         | 113          | 112         | 111         | 110        | 109        | 108        | 108        |
|                   | $L_p(A)$  | dB                       | 99/80       | 100/80      | 100/80      | 100/81      | 101/81       | 101/81      | 101/82      | 101/82     | 102/82     | 102/83     | 102/83     |
| <b>100</b>        | <b>Q</b>  | <b>m<sup>3</sup>/min</b> | <b>63,8</b> | <b>69,2</b> | <b>73,9</b> | <b>79,3</b> | <b>86,7</b>  | <b>93,5</b> | <b>100</b>  | <b>107</b> | <b>114</b> | <b>121</b> | <b>129</b> |
|                   | $n_2$     | 1/min                    | 937         | 997         | 1049        | 1108        | 1190         | 1265        | 1339        | 1410       | 1488       | 1571       | 1653       |
|                   | $P_2$     | kW                       | 146         | 156         | 164         | 173         | 187          | 199         | 212         | 224        | 238        | 253        | 268        |
|                   | $P_1$     | kW                       | 200         | 200         | 200         | 200         | 250          | 250         | 250         | 250        | 315        | 315        | 315        |
|                   | $n_1$     | 1/min                    | 1486        | 1486        | 1486        | 1486        | 1488         | 1488        | 1488        | 1488       | 1488       | 1488       | 1488       |
|                   | El. motor |                          | 315L        | 315L        | 315L        | 315L        | 315          | 315         | 315         | 315        | 315        | 315        | 315        |
|                   | $t_2$     | °C                       | 133         | 130         | 128         | 126         | 124          | 123         | 121         | 120        | 120        | 119        | 118        |
|                   | $L_p(A)$  | dB                       | 101/81      | 101/81      | 101/81      | 101/81      | 102/82       | 102/82      | 102/82      | 102/83     | 103/83     | 103/83     | 103/84     |

Other parameters on request.

Другие параметры по требованию.

Performance table of blower units - overpressure (input conditions:  $p_{\text{tabS}}=101\text{kPa}$ ,  $t_1=20\text{°C}$ ,  $\rho = 1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{tabS}}=101\text{ kPa}$  (кПа),  $t_1=20\text{°C}$ ,  $\rho = 1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta p$<br>kPa |            | 3D90C-400               |                         |            |            |            |            |            |            |            |            |            |            |
|-------------------|------------|-------------------------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>10</b>         | <b>Q</b>   | <b>m<sup>3</sup>/mi</b> | <b>109</b>              | <b>121</b> | <b>124</b> | <b>133</b> | <b>148</b> | <b>151</b> | <b>160</b> | <b>171</b> | <b>181</b> | <b>192</b> | <b>204</b> |
|                   | $n_2$      | 1/min                   | 934                     | 1026       | 1046       | 1114       | 1229       | 1253       | 1320       | 1402       | 1480       | 1564       | 1654       |
|                   | $P_2$      | kW                      | 21,7                    | 25,3       | 26,1       | 29,1       | 34,8       | 36,1       | 39,7       | 44,4       | 49,3       | 54,7       | 61,0       |
|                   | $P_1$      | kW                      | 30                      | 30         | 30         | 37         | 45         | 45         | 45         | 55         | 55         | 75         | 75         |
|                   | $n_1$      | 1/min                   | 1465                    | 1465       | 1465       | 1475       | 1475       | 1475       | 1475       | 1480       | 1480       | 1485       | 1485       |
|                   | El. motor  |                         | 200L                    | 200L       | 200L       | 225S       | 225M       | 225M       | 225M       | 250M       | 250M       | 280S       | 280S       |
|                   | $t_2$      | °C                      | 30                      | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 29         | 29         | 29         |
|                   | $L_p(A)$   | dB                      | 92/75                   | 93/75      | 93/75      | 94/76      | 95/76      | 95/77      | 96/77      | 97/77      | 98/78      | 99/79      | 100/79     |
|                   | <b>20</b>  | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> | <b>108</b> | <b>121</b> | <b>123</b> | <b>131</b> | <b>147</b> | <b>150</b> | <b>159</b> | <b>169</b> | <b>180</b> | <b>190</b> |
| $n_2$             |            | 1/min                   | 944                     | 1040       | 1060       | 1121       | 1238       | 1262       | 1329       | 1406       | 1488       | 1567       | 1657       |
| $P_2$             |            | kW                      | 45,2                    | 51,5       | 53,0       | 57,2       | 65,9       | 67,8       | 73,1       | 79,5       | 86,6       | 93,7       | 102,1      |
| $P_1$             |            | kW                      | 55                      | 75         | 75         | 75         | 75         | 75         | 90         | 90         | 110        | 110        | 132        |
| $n_1$             |            | 1/min                   | 1480                    | 1485       | 1485       | 1485       | 1485       | 1485       | 1485       | 1485       | 1488       | 1488       | 1488       |
| El. motor         |            |                         | 250M                    | 280S       | 280S       | 280S       | 280S       | 280S       | 280M       | 280M       | 315S       | 315S       | 315M       |
| $t_2$             |            | °C                      | 40                      | 40         | 40         | 39         | 39         | 39         | 39         | 39         | 39         | 39         | 39         |
| $L_p(A)$          |            | dB                      | 93/75                   | 94/76      | 94/76      | 95/76      | 96/77      | 96/77      | 97/77      | 98/78      | 99/78      | 100/79     | 101/80     |
| <b>30</b>         |            | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> | <b>106</b> | <b>119</b> | <b>121</b> | <b>130</b> | <b>145</b> | <b>148</b> | <b>157</b> | <b>167</b> | <b>178</b> | <b>188</b> |
|                   | $n_2$      | 1/min                   | 947                     | 1040       | 1060       | 1123       | 1240       | 1265       | 1332       | 1409       | 1486       | 1565       | 1655       |
|                   | $P_2$      | kW                      | 68,2                    | 76,4       | 78,3       | 84,1       | 95,5       | 98,0       | 105,0      | 113,3      | 121,8      | 130,9      | 141,6      |
|                   | $P_1$      | kW                      | 90                      | 90         | 90         | 110        | 110        | 110        | 132        | 132        | 160        | 160        | 160        |
|                   | $n_1$      | 1/min                   | 1485                    | 1485       | 1485       | 1488       | 1488       | 1488       | 1488       | 1488       | 1486       | 1486       | 1486       |
|                   | El. motor  |                         | 280M                    | 280M       | 280M       | 315S       | 315S       | 315S       | 315M       | 315M       | 315L       | 315L       | 315L       |
|                   | $t_2$      | °C                      | 51                      | 50         | 50         | 50         | 49         | 49         | 49         | 49         | 49         | 49         | 49         |
|                   | $L_p(A)$   | dB                      | 94/76                   | 95/76      | 95/76      | 96/76      | 97/77      | 97/77      | 98/77      | 99/78      | 100/79     | 101/79     | 102/80     |
|                   | <b>40</b>  | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> | <b>104</b> | <b>116</b> | <b>119</b> | <b>127</b> | <b>142</b> | <b>145</b> | <b>154</b> | <b>164</b> | <b>175</b> | <b>185</b> |
| $n_2$             |            | 1/min                   | 949                     | 1042       | 1062       | 1123       | 1239       | 1263       | 1330       | 1407       | 1486       | 1565       | 1655       |
| $P_2$             |            | kW                      | 89,2                    | 99,5       | 101,8      | 108,9      | 122,7      | 125,7      | 134,1      | 144,1      | 154,5      | 165,2      | 177,9      |
| $P_1$             |            | kW                      | 110                     | 110        | 132        | 132        | 160        | 160        | 160        | 200        | 200        | 200        | 200        |
| $n_1$             |            | 1/min                   | 1488                    | 1488       | 1488       | 1488       | 1486       | 1486       | 1486       | 1486       | 1486       | 1486       | 1486       |
| El. motor         |            |                         | 315S                    | 315S       | 315M       | 315M       | 315L       | 315L       | 315L       | 315L       | 315L       | 315L       | 315L       |
| $t_2$             |            | °C                      | 62                      | 61         | 61         | 60         | 59         | 59         | 59         | 59         | 59         | 59         | 59         |
| $L_p(A)$          |            | dB                      | 95/76                   | 95/77      | 96/77      | 96/77      | 97/78      | 97/78      | 98/78      | 99/79      | 100/80     | 101/80     | 102/81     |
| <b>50</b>         |            | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> | <b>102</b> | <b>114</b> | <b>116</b> | <b>124</b> | <b>140</b> | <b>143</b> | <b>152</b> | <b>162</b> | <b>173</b> | <b>183</b> |
|                   | $n_2$      | 1/min                   | 949                     | 1040       | 1061       | 1122       | 1239       | 1263       | 1330       | 1407       | 1488       | 1567       | 1657       |
|                   | $P_2$      | kW                      | 110,8                   | 122,8      | 125,6      | 133,8      | 150,2      | 153,7      | 163,5      | 175,1      | 187,5      | 199,9      | 214,5      |
|                   | $P_1$      | kW                      | 132                     | 160        | 160        | 160        | 200        | 200        | 200        | 250        | 250        | 250        | 250        |
|                   | $n_1$      | 1/min                   | 1488                    | 1486       | 1486       | 1486       | 1486       | 1486       | 1486       | 1486       | 1488       | 1488       | 1488       |
|                   | El. motor  |                         | 315M                    | 315L       | 315L       | 315L       | 315L       | 315L       | 315L       | 315L       | 315        | 315        | 315        |
|                   | $t_2$      | °C                      | 74                      | 72         | 72         | 71         | 70         | 70         | 69         | 69         | 69         | 69         | 68         |
|                   | $L_p(A)$   | dB                      | 96/77                   | 96/77      | 96/77      | 97/77      | 97/78      | 98/78      | 98/78      | 99/79      | 100/80     | 101/80     | 102/81     |
|                   | <b>60</b>  | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> | <b>99</b>  | <b>111</b> | <b>114</b> | <b>122</b> | <b>137</b> | <b>141</b> | <b>150</b> | <b>160</b> | <b>170</b> | <b>181</b> |
| $n_2$             |            | 1/min                   | 948                     | 1040       | 1061       | 1122       | 1239       | 1263       | 1332       | 1409       | 1488       | 1567       | 1657       |
| $P_2$             |            | kW                      | 130,8                   | 145,1      | 148,4      | 158,1      | 177,2      | 181,2      | 192,9      | 206,3      | 220,2      | 234,4      | 251,0      |
| $P_1$             |            | kW                      | 160                     | 160        | 200        | 200        | 200        | 200        | 250        | 250        | 250        | 315        | 315        |
| $n_1$             |            | 1/min                   | 1486                    | 1486       | 1486       | 1486       | 1486       | 1486       | 1488       | 1488       | 1488       | 1488       | 1488       |
| El. motor         |            |                         | 315L                    | 315L       | 315L       | 315L       | 315L       | 315L       | 315        | 315        | 315        | 315        | 315        |
| $t_2$             |            | °C                      | 87                      | 85         | 85         | 84         | 82         | 82         | 81         | 80         | 80         | 79         | 79         |
| $L_p(A)$          |            | dB                      | 97/77                   | 97/77      | 97/77      | 97/77      | 98/78      | 98/78      | 98/78      | 99/79      | 100/80     | 101/80     | 102/82     |
| <b>70</b>         |            | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> | <b>97</b>  | <b>109</b> | <b>111</b> | <b>119</b> | <b>135</b> | <b>138</b> | <b>147</b> | <b>157</b> | <b>168</b> | <b>178</b> |
|                   | $n_2$      | 1/min                   | 948                     | 1040       | 1061       | 1122       | 1240       | 1265       | 1332       | 1409       | 1488       | 1567       | 1657       |
|                   | $P_2$      | kW                      | 146,6                   | 156,1      | 166,0      | 179,4      | 193,0      | 203,5      | 216,5      | 233,5      | 251,1      | 268,1      | 285,2      |
|                   | $P_1$      | kW                      | 200                     | 200        | 200        | 200        | 250        | 250        | 250        | 315        | 315        | 315        | 315        |
|                   | $n_1$      | 1/min                   | 1486                    | 1486       | 1486       | 1486       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       |
|                   | El. motor  |                         | 315L                    | 315L       | 315L       | 315L       | 315        | 315        | 315        | 315        | 315        | 315        | 315        |
|                   | $t_2$      | °C                      | 100                     | 98         | 97         | 96         | 94         | 94         | 93         | 92         | 91         | 90         | 89         |
|                   | $L_p(A)$   | dB                      | 97/77                   | 98/77      | 98/78      | 98/78      | 98/78      | 99/78      | 99/79      | 100/80     | 101/81     | 102/81     | 103/82     |
|                   | <b>80</b>  | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> | <b>94</b>  | <b>106</b> | <b>109</b> | <b>117</b> | <b>133</b> | <b>136</b> | <b>145</b> | <b>155</b> | <b>165</b> |            |
| $n_2$             |            | 1/min                   | 948                     | 1040       | 1062       | 1123       | 1240       | 1265       | 1332       | 1409       | 1488       |            |            |
| $P_2$             |            | kW                      | 165,0                   | 175,7      | 186,9      | 202,0      | 217,5      | 228,7      | 243,7      | 262,7      | 282,4      |            |            |
| $P_1$             |            | kW                      | 200                     | 200        | 250        | 250        | 250        | 315        | 315        | 315        | 315        |            |            |
| $n_1$             |            | 1/min                   | 1486                    | 1486       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       |            |            |
| El. motor         |            |                         | 315L                    | 315L       | 315        | 315        | 315        | 315        | 315        | 315        | 315        |            |            |
| $t_2$             |            | °C                      | 114                     | 111        | 111        | 109        | 106        | 106        | 104        | 103        | 102        |            |            |
| $L_p(A)$          |            | dB                      | 99/78                   | 99/78      | 99/78      | 99/78      | 99/79      | 100/79     | 100/79     | 100/80     | 101/81     |            |            |
| <b>90</b>         |            | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> |            |            |            |            |            |            |            |            |            |            |
|                   | $n_2$      | 1/min                   |                         |            |            |            |            |            |            |            |            |            |            |
|                   | $P_2$      | kW                      |                         |            |            |            |            |            |            |            |            |            |            |
|                   | $P_1$      | kW                      |                         |            |            |            |            |            |            |            |            |            |            |
|                   | $n_1$      | 1/min                   |                         |            |            |            |            |            |            |            |            |            |            |
|                   | El. motor  |                         |                         |            |            |            |            |            |            |            |            |            |            |
|                   | $t_2$      | °C                      |                         |            |            |            |            |            |            |            |            |            |            |
|                   | $L_p(A)$   | dB                      |                         |            |            |            |            |            |            |            |            |            |            |
|                   | <b>100</b> | <b>Q</b>                | <b>m<sup>3</sup>/mi</b> |            |            |            |            |            |            |            |            |            |            |
| $n_2$             |            | 1/min                   |                         |            |            |            |            |            |            |            |            |            |            |
| $P_2$             |            | kW                      |                         |            |            |            |            |            |            |            |            |            |            |
| $P_1$             |            | kW                      |                         |            |            |            |            |            |            |            |            |            |            |
| $n_1$             |            | 1/min                   |                         |            |            |            |            |            |            |            |            |            |            |
| El. motor         |            |                         |                         |            |            |            |            |            |            |            |            |            |            |
| $t_2$             |            | °C                      |                         |            |            |            |            |            |            |            |            |            |            |
| $L_p(A)$          |            | dB                      |                         |            |            |            |            |            |            |            |            |            |            |

Other parameters on request.

Другие параметры по требованию.

Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20^\circ\text{C}$ ,  $\rho=1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувок (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{кПа}$  (кПа),  $t_1=20^\circ\text{C}$ ,  $\rho=1,2\text{кг/м}^3$ , газ: воздух)

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| $\Delta p$<br>кПа |                    | 3D100B-400          |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------|--------------------|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 10                | Q                  | m <sup>3</sup> /min | 132    | 140    | 149    | 159    | 169    | 180    | 193    | 205    | 219    | 232    | 246    | 261    |
|                   | n <sub>2</sub>     | 1/min               | 790    | 830    | 882    | 938    | 991    | 1051   | 1121   | 1188   | 1262   | 1331   | 1410   | 1488   |
|                   | P <sub>2</sub>     | kW                  | 33,9   | 36,3   | 39,9   | 44,1   | 48,5   | 53,8   | 60,7   | 67,9   | 76,5   | 85,2   | 95,8   | 107    |
|                   | P <sub>1</sub>     | kW                  | 45     | 45     | 45     | 55     | 55     | 75     | 75     | 75     | 90     | 110    | 110    | 132    |
|                   | n <sub>1</sub>     | 1/min               | 1475   | 1475   | 1475   | 1480   | 1480   | 1485   | 1485   | 1485   | 1485   | 1488   | 1488   | 1488   |
|                   | El. motor          |                     | 225M   | 225M   | 225M   | 250M   | 250M   | 280S   | 280S   | 280S   | 280M   | 315S   | 315S   | 315M   |
|                   | t <sub>2</sub>     | °C                  | 29     | 29     | 29     | 29     | 29     | 29     | 29     | 29     | 29     | 29     | 29     | 29     |
|                   | L <sub>p</sub> (A) | dB                  | 94/74  | 94/74  | 94/74  | 95/74  | 95/75  | 95/75  | 96/76  | 96/76  | 97/76  | 97/76  | 98/77  | 98/77  |
| 20                | Q                  | m <sup>3</sup> /min | 127    | 135    | 145    | 154    | 164    | 175    | 188    | 200    | 214    | 226    | 241    | 255    |
|                   | n <sub>2</sub>     | 1/min               | 796    | 835    | 888    | 941    | 994    | 1053   | 1123   | 1190   | 1265   | 1330   | 1408   | 1486   |
|                   | P <sub>2</sub>     | kW                  | 58,5   | 62,1   | 67,3   | 72,9   | 78,8   | 85,8   | 94,6   | 104    | 114    | 124    | 137    | 151    |
|                   | P <sub>1</sub>     | kW                  | 75     | 75     | 75     | 90     | 90     | 110    | 110    | 132    | 132    | 160    | 160    | 200    |
|                   | n <sub>1</sub>     | 1/min               | 1485   | 1485   | 1485   | 1485   | 1485   | 1488   | 1488   | 1488   | 1488   | 1486   | 1486   | 1486   |
|                   | El. motor          |                     | 280S   | 280S   | 280S   | 280M   | 280M   | 315S   | 315S   | 315M   | 315M   | 315L   | 315L   | 315L   |
|                   | t <sub>2</sub>     | °C                  | 39     | 39     | 39     | 39     | 39     | 39     | 38     | 38     | 38     | 38     | 38     | 38     |
|                   | L <sub>p</sub> (A) | dB                  | 95/75  | 95/75  | 96/75  | 96/76  | 96/76  | 96/76  | 97/76  | 97/77  | 98/77  | 98/78  | 99/78  | 100/79 |
| 30                | Q                  | m <sup>3</sup> /min | 124    | 131    | 141    | 151    | 160    | 171    | 184    | 196    | 210    | 222    | 236    | 251    |
|                   | n <sub>2</sub>     | 1/min               | 797    | 837    | 890    | 943    | 996    | 1053   | 1122   | 1189   | 1263   | 1330   | 1408   | 1488   |
|                   | P <sub>2</sub>     | kW                  | 82,7   | 87,5   | 94,4   | 102    | 109    | 117    | 128    | 139    | 152    | 164    | 179    | 195    |
|                   | P <sub>1</sub>     | kW                  | 110    | 110    | 110    | 132    | 132    | 132    | 160    | 160    | 200    | 200    | 200    | 250    |
|                   | n <sub>1</sub>     | 1/min               | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1486   | 1486   | 1486   | 1486   | 1486   | 1488   |
|                   | El. motor          |                     | 315S   | 315S   | 315S   | 315M   | 315M   | 315M   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   |
|                   | t <sub>2</sub>     | °C                  | 50     | 50     | 49     | 49     | 49     | 48     | 48     | 48     | 48     | 48     | 48     | 47     |
|                   | L <sub>p</sub> (A) | dB                  | 97/76  | 97/76  | 97/77  | 97/77  | 98/77  | 98/77  | 98/78  | 99/78  | 99/78  | 100/79 | 100/79 | 101/80 |
| 40                | Q                  | m <sup>3</sup> /min | 120    | 127    | 137    | 147    | 156    | 167    | 180    | 192    | 206    | 218    | 233    | 247    |
|                   | n <sub>2</sub>     | 1/min               | 797    | 837    | 889    | 942    | 995    | 1051   | 1122   | 1189   | 1265   | 1331   | 1410   | 1488   |
|                   | P <sub>2</sub>     | kW                  | 107    | 113    | 121    | 130    | 139    | 149    | 162    | 175    | 190    | 204    | 221    | 239    |
|                   | P <sub>1</sub>     | kW                  | 132    | 132    | 160    | 160    | 160    | 200    | 200    | 250    | 250    | 250    | 250    | 315    |
|                   | n <sub>1</sub>     | 1/min               | 1488   | 1488   | 1486   | 1486   | 1486   | 1486   | 1486   | 1486   | 1486   | 1488   | 1488   | 1488   |
|                   | El. motor          |                     | 315M   | 315M   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   |
|                   | t <sub>2</sub>     | °C                  | 61     | 61     | 60     | 60     | 59     | 59     | 58     | 58     | 58     | 58     | 57     | 57     |
|                   | L <sub>p</sub> (A) | dB                  | 97/77  | 97/77  | 98/77  | 98/78  | 98/78  | 99/78  | 99/79  | 100/79 | 100/79 | 101/80 | 102/81 | 102/81 |
| 50                | Q                  | m <sup>3</sup> /min | 117    | 124    | 134    | 144    | 153    | 164    | 177    | 189    | 203    | 215    | 230    | 244    |
|                   | n <sub>2</sub>     | 1/min               | 796    | 836    | 889    | 942    | 995    | 1051   | 1123   | 1190   | 1265   | 1331   | 1410   | 1488   |
|                   | P <sub>2</sub>     | kW                  | 131    | 138    | 148    | 158    | 169    | 180    | 196    | 210    | 227    | 243    | 262    | 282    |
|                   | P <sub>1</sub>     | kW                  | 160    | 160    | 200    | 200    | 200    | 250    | 250    | 315    | 315    | 315    | 315    | 315    |
|                   | n <sub>1</sub>     | 1/min               | 1486   | 1486   | 1486   | 1486   | 1486   | 1486   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   |
|                   | El. motor          |                     | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   |
|                   | t <sub>2</sub>     | °C                  | 72     | 72     | 71     | 71     | 70     | 69     | 69     | 68     | 68     | 68     | 67     | 67     |
|                   | L <sub>p</sub> (A) | dB                  | 98/78  | 98/78  | 98/78  | 99/79  | 99/79  | 99/79  | 100/80 | 101/80 | 101/81 | 102/81 | 103/82 | 104/83 |
| 60                | Q                  | m <sup>3</sup> /min | 114    | 121    | 131    | 141    | 151    | 161    | 174    | 187    | 200    | 213    | 227    | 241    |
|                   | n <sub>2</sub>     | 1/min               | 796    | 836    | 889    | 943    | 996    | 1053   | 1123   | 1190   | 1265   | 1331   | 1410   | 1488   |
|                   | P <sub>2</sub>     | kW                  | 155    | 163    | 175    | 187    | 199    | 212    | 229    | 246    | 265    | 283    | 304    | 326    |
|                   | P <sub>1</sub>     | kW                  | 200    | 200    | 200    | 250    | 250    | 250    | 315    | 315    | 315    | 315    | 355    | 400    |
|                   | n <sub>1</sub>     | 1/min               | 1486   | 1486   | 1486   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   |
|                   | El. motor          |                     | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 355    | 355    |
|                   | t <sub>2</sub>     | °C                  | 85     | 84     | 83     | 82     | 81     | 80     | 80     | 79     | 78     | 78     | 77     | 77     |
|                   | L <sub>p</sub> (A) | dB                  | 99/79  | 99/79  | 99/79  | 100/80 | 100/80 | 101/80 | 101/81 | 102/81 | 103/82 | 103/82 | 104/83 | 105/84 |
| 70                | Q                  | m <sup>3</sup> /min | 111    | 119    | 129    | 138    | 148    | 159    | 172    | 184    | 198    | 210    | 224    | 239    |
|                   | n <sub>2</sub>     | 1/min               | 796    | 837    | 890    | 943    | 996    | 1053   | 1123   | 1190   | 1265   | 1331   | 1410   | 1488   |
|                   | P <sub>2</sub>     | kW                  | 179    | 189    | 202    | 216    | 229    | 244    | 263    | 282    | 303    | 322    | 345    | 369    |
|                   | P <sub>1</sub>     | kW                  | 200    | 250    | 250    | 250    | 315    | 315    | 315    | 315    | 355    | 355    | 400    | 500    |
|                   | n <sub>1</sub>     | 1/min               | 1486   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   |
|                   | El. motor          |                     | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 355    | 355    | 355    | 355    |
|                   | t <sub>2</sub>     | °C                  | 97     | 96     | 95     | 93     | 93     | 92     | 91     | 90     | 89     | 88     | 88     | 87     |
|                   | L <sub>p</sub> (A) | dB                  | 100/80 | 101/80 | 101/81 | 101/81 | 102/81 | 102/81 | 103/82 | 103/82 | 104/83 | 104/84 | 105/84 | 106/85 |
| 80                | Q                  | m <sup>3</sup> /min | 109    | 116    | 126    | 136    | 146    | 156    | 169    | 182    | 195    | 208    | 222    | 236    |
|                   | n <sub>2</sub>     | 1/min               | 797    | 837    | 890    | 943    | 996    | 1053   | 1123   | 1190   | 1265   | 1331   | 1410   | 1488   |
|                   | P <sub>2</sub>     | kW                  | 204    | 214    | 229    | 244    | 259    | 276    | 297    | 317    | 340    | 362    | 387    | 413    |
|                   | P <sub>1</sub>     | kW                  | 250    | 250    | 315    | 315    | 315    | 315    | 355    | 355    | 400    | 400    | 500    | 500    |
|                   | n <sub>1</sub>     | 1/min               | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   |
|                   | El. motor          |                     | 315L   | 315L   | 315L   | 315L   | 315L   | 315L   | 355    | 355    | 355    | 355    | 355    | 355    |
|                   | t <sub>2</sub>     | °C                  | 110    | 109    | 107    | 106    | 104    | 103    | 102    | 101    | 100    | 99     | 98     | 98     |
|                   | L <sub>p</sub> (A) | dB                  | 102/81 | 102/82 | 102/82 | 103/82 | 103/82 | 104/83 | 104/83 | 105/84 | 106/84 | 106/85 | 107/86 | 108/86 |
| 90                | Q                  | m <sup>3</sup> /min | 107    | 114    | 124    | 134    | 143    | 154    | 167    | 179    | 193    | 205    | 220    |        |
|                   | n <sub>2</sub>     | 1/min               | 797    | 837    | 890    | 943    | 996    | 1053   | 1123   | 1190   | 1265   | 1331   | 1410   |        |
|                   | P <sub>2</sub>     | kW                  | 227    | 239    | 256    | 272    | 289    | 307    | 330    | 352    | 377    | 400    | 428    |        |
|                   | P <sub>1</sub>     | kW                  | 315    | 315    | 315    | 315    | 355    | 355    | 400    | 400    | 500    | 500    | 500    |        |
|                   | n <sub>1</sub>     | 1/min               | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   |        |
|                   | El. motor          |                     | 315L   | 315L   | 315L   | 315L   | 355    | 355    | 355    | 355    | 355    | 355    | 355    |        |
|                   | t <sub>2</sub>     | °C                  | 124    | 122    | 120    | 118    | 116    | 115    | 113    | 112    | 111    | 110    | 109    |        |
|                   | L <sub>p</sub> (A) | dB                  | 102/82 | 103/82 | 103/83 | 103/83 | 104/83 | 104/84 | 105/84 | 106/85 | 106/85 | 107/86 | 108/87 |        |
| 100               | Q                  | m <sup>3</sup> /min | 105    | 112    | 122    | 131    | 141    | 152    | 165    | 177    | 191    | 203    |        |        |
|                   | n <sub>2</sub>     | 1/min               | 797    | 837    | 890    | 943    | 996    | 1053   | 1123   | 1190   | 1265   | 1331   |        |        |
|                   | P <sub>2</sub>     | kW                  | 252    | 265    | 283    | 301    | 319    | 339    | 364    | 388    | 416    | 441    |        |        |
|                   | P <sub>1</sub>     | kW                  | 315    | 315    | 315    | 355    | 355    | 400    | 500    | 500    | 500    | 500    |        |        |
|                   | n <sub>1</sub>     | 1/min               | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   | 1488   |        |        |
|                   | El. motor          |                     | 315L   | 315L   | 315L   | 355    | 355    | 355    | 355    | 355    | 355    | 355    |        |        |
|                   | t <sub>2</sub>     | °C                  | 137    | 135    | 133    | 131    | 129    | 127    | 125    | 124    | 122    | 121    |        |        |
|                   | L <sub>p</sub> (A) | dB                  | 103/83 | 104/83 | 104/84 | 104/84 | 105/84 | 105/85 | 106/85 | 107/86 | 108/87 | 108/87 |        |        |

Other parameters on request.

Другие параметры по требованию.



Performance table of blower units - overpressure (input conditions:  $p_{\text{abs}}=101\text{kPa}$ ,  $t_1=20\text{°C}$ ,  $\rho=1,2\text{kg/m}^3$ , medium: air)

Таблица мощностей воздуходувов (сверхатмосферное давление, первоначальные условия  $p_{\text{abs}}=101\text{кПа}$  (кПа),  $t_1=20\text{°C}$ ,  $\rho=1,2\text{кг/м}^3$ , газ: воздух)

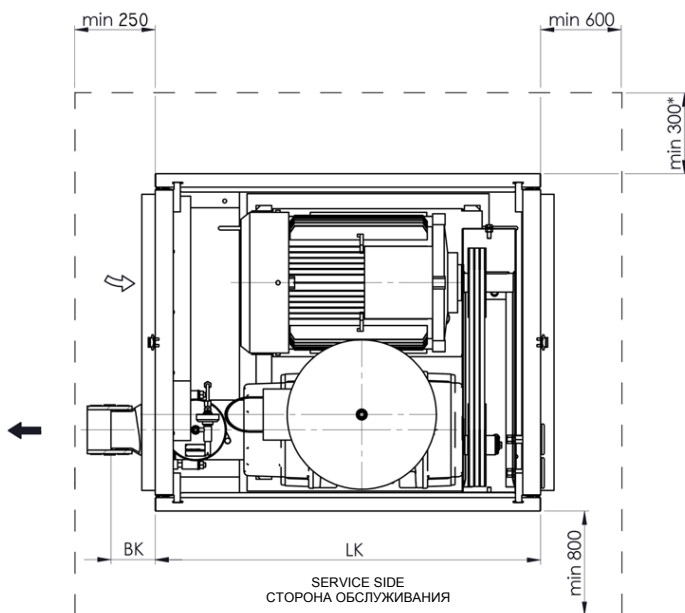
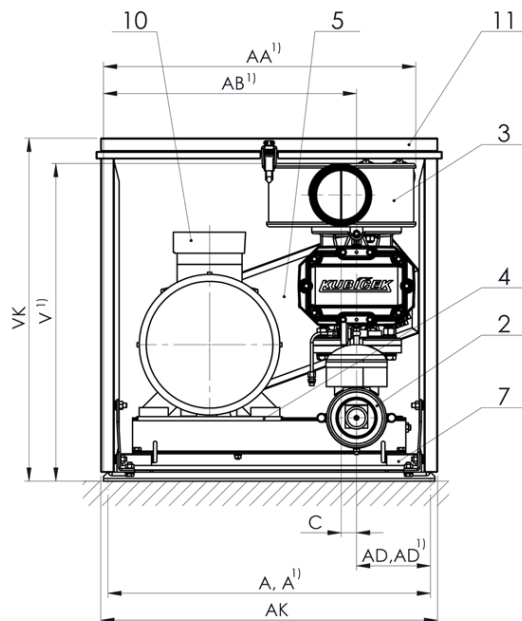
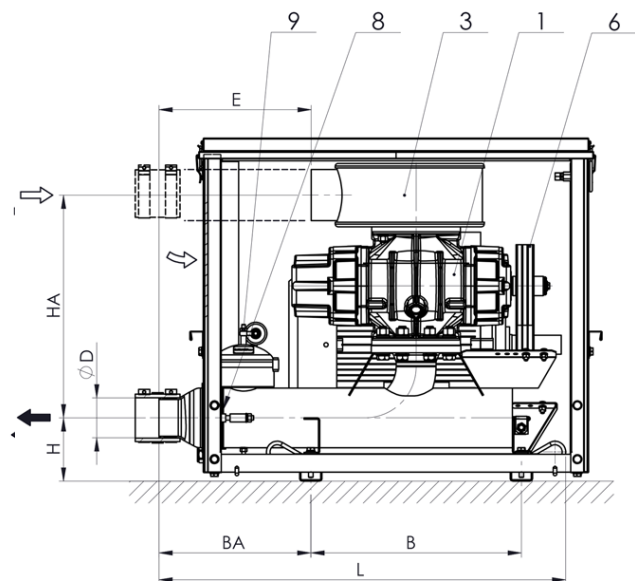
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| $\Delta p$<br>kPa |                 | 3D100C-500                               |  |            |            |            |            |            |            |            |            |            |            |            |            |
|-------------------|-----------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>10</b>         | <b>Q</b>        | <b><math>\text{m}^3/\text{mi}</math></b> | <b>172</b>                               | <b>182</b> | <b>195</b> | <b>208</b> | <b>221</b> | <b>234</b> | <b>251</b> | <b>268</b> | <b>286</b> | <b>302</b> | <b>320</b> | <b>339</b> |            |
|                   | $n_2$           | 1/min                                    | 793                                      | 833        | 888        | 941        | 994        | 1051       | 1121       | 1190       | 1265       | 1331       | 1408       | 1486       |            |
|                   | $P_2$           | kW                                       | 45,1                                     | 48,4       | 53,5       | 58,9       | 64,7       | 71,5       | 80,7       | 90,8       | 102        | 114        | 128        | 143        |            |
|                   | $P_1$           | kW                                       | 55                                       | 55         | 75         | 75         | 75         | 90         | 90         | 110        | 132        | 132        | 160        | 160        |            |
|                   | $n_1$           | 1/min                                    | 1480                                     | 1480       | 1485       | 1485       | 1485       | 1485       | 1485       | 1485       | 1488       | 1488       | 1488       | 1486       |            |
|                   | El. motor       |  | 250M                                     | 250M       | 280S       | 280S       | 280S       | 280M       | 280M       | 315S       | 315M       | 315M       | 315L       | 315L       |            |
|                   | $t_2$           | $^{\circ}\text{C}$                       | 29                                       | 29         | 29         | 29         | 29         | 29         | 29         | 29         | 29         | 29         | 29         | 29         |            |
|                   | $L_p(\text{A})$ | dB                                       | 95/73                                    | 95/73      | 96/74      | 96/74      | 96/74      | 97/74      | 97/74      | 97/75      | 98/75      | 98/75      | 98/76      | 99/76      | 100/77     |
|                   | <b>20</b>       | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> | <b>165</b> | <b>174</b> | <b>187</b> | <b>200</b> | <b>213</b> | <b>227</b> | <b>243</b> | <b>259</b> | <b>277</b> | <b>293</b> | <b>313</b> | <b>332</b> |
| $n_2$             |                 | 1/min                                    | 796                                      | 835        | 890        | 943        | 996        | 1053       | 1122       | 1189       | 1263       | 1330       | 1410       | 1488       |            |
| $P_2$             |                 | kW                                       | 76,6                                     | 81,7       | 89,0       | 96,7       | 105        | 114        | 126        | 138        | 152        | 166        | 184        | 202        |            |
| $P_1$             |                 | kW                                       | 90                                       | 90         | 110        | 110        | 132        | 132        | 160        | 160        | 200        | 200        | 250        | 250        |            |
| $n_1$             |                 | 1/min                                    | 1485                                     | 1485       | 1488       | 1488       | 1488       | 1488       | 1486       | 1486       | 1486       | 1486       | 1488       | 1488       |            |
| El. motor         |                 |  | 280M                                     | 280M       | 315S       | 315S       | 315M       | 315M       | 315L       | 315L       | 315L       | 315L       | 315        | 315        |            |
| $t_2$             |                 | $^{\circ}\text{C}$                       | 39                                       | 39         | 39         | 39         | 39         | 39         | 39         | 38         | 38         | 38         | 38         | 38         |            |
| $L_p(\text{A})$   |                 | dB                                       | 96/74                                    | 96/75      | 96/75      | 97/75      | 97/75      | 97/75      | 98/76      | 98/76      | 99/76      | 99/77      | 100/77     | 101/78     |            |
| <b>30</b>         |                 | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> | <b>159</b> | <b>169</b> | <b>181</b> | <b>194</b> | <b>207</b> | <b>220</b> | <b>237</b> | <b>254</b> | <b>272</b> | <b>288</b> | <b>306</b> | <b>325</b> |
|                   | $n_2$           | 1/min                                    | 797                                      | 837        | 889        | 942        | 995        | 1051       | 1122       | 1190       | 1265       | 1331       | 1410       | 1488       |            |
|                   | $P_2$           | kW                                       | 109                                      | 116        | 125        | 134        | 144        | 156        | 170        | 185        | 203        | 219        | 239        | 261        |            |
|                   | $P_1$           | kW                                       | 132                                      | 132        | 160        | 160        | 160        | 200        | 200        | 250        | 250        | 250        | 315        | 315        |            |
|                   | $n_1$           | 1/min                                    | 1488                                     | 1488       | 1486       | 1486       | 1486       | 1486       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       |            |
|                   | El. motor       |  | 315M                                     | 315M       | 315L       | 315L       | 315L       | 315L       | 315        | 315        | 315        | 315        | 315        | 315        |            |
|                   | $t_2$           | $^{\circ}\text{C}$                       | 50                                       | 50         | 50         | 49         | 49         | 49         | 49         | 48         | 48         | 48         | 48         | 48         |            |
|                   | $L_p(\text{A})$ | dB                                       | 96/75                                    | 97/75      | 97/76      | 97/76      | 97/76      | 98/76      | 98/77      | 99/77      | 99/78      | 100/78     | 101/78     | 102/79     |            |
|                   | <b>40</b>       | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> | <b>154</b> | <b>163</b> | <b>176</b> | <b>189</b> | <b>202</b> | <b>215</b> | <b>232</b> | <b>249</b> | <b>267</b> | <b>283</b> | <b>301</b> | <b>320</b> |
| $n_2$             |                 | 1/min                                    | 796                                      | 836        | 889        | 942        | 996        | 1053       | 1123       | 1190       | 1265       | 1331       | 1410       | 1488       |            |
| $P_2$             |                 | kW                                       | 141                                      | 149        | 160        | 172        | 184        | 198        | 215        | 233        | 253        | 272        | 295        | 320        |            |
| $P_1$             |                 | kW                                       | 160                                      | 200        | 200        | 200        | 250        | 250        | 315        | 315        | 315        | 315        | 355        | 355        |            |
| $n_1$             |                 | 1/min                                    | 1486                                     | 1486       | 1486       | 1486       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       |            |
| El. motor         |                 |  | 315L                                     | 315L       | 315L       | 315L       | 315        | 315        | 315        | 315        | 315        | 315        | 355        | 355        |            |
| $t_2$             |                 | $^{\circ}\text{C}$                       | 62                                       | 61         | 61         | 60         | 60         | 59         | 59         | 59         | 58         | 58         | 58         | 57         |            |
| $L_p(\text{A})$   |                 | dB                                       | 97/77                                    | 97/77      | 98/77      | 98/78      | 98/78      | 99/78      | 99/79      | 100/79     | 100/80     | 101/80     | 102/81     | 102/81     |            |
| <b>50</b>         |                 | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> | <b>149</b> | <b>159</b> | <b>172</b> | <b>184</b> | <b>197</b> | <b>211</b> | <b>228</b> | <b>244</b> | <b>262</b> | <b>278</b> | <b>297</b> | <b>316</b> |
|                   | $n_2$           | 1/min                                    | 796                                      | 836        | 890        | 943        | 996        | 1053       | 1123       | 1190       | 1265       | 1331       | 1410       | 1488       |            |
|                   | $P_2$           | kW                                       | 172                                      | 182        | 195        | 209        | 224        | 239        | 260        | 280        | 303        | 325        | 351        | 378        |            |
|                   | $P_1$           | kW                                       | 200                                      | 200        | 250        | 250        | 250        | 315        | 315        | 315        | 355        | 400        | 400        | 500        |            |
|                   | $n_1$           | 1/min                                    | 1486                                     | 1486       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       |            |
|                   | El. motor       |  | 315L                                     | 315L       | 315        | 315        | 315        | 315        | 315        | 315        | 355        | 355        | 355        | 355        |            |
|                   | $t_2$           | $^{\circ}\text{C}$                       | 74                                       | 73         | 72         | 71         | 71         | 70         | 70         | 69         | 69         | 68         | 68         | 67         |            |
|                   | $L_p(\text{A})$ | dB                                       | 98/78                                    | 98/78      | 98/78      | 99/79      | 99/79      | 99/79      | 100/80     | 101/80     | 101/81     | 102/81     | 103/82     | 104/82     |            |
|                   | <b>60</b>       | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> | <b>145</b> | <b>155</b> | <b>168</b> | <b>181</b> | <b>193</b> | <b>207</b> | <b>224</b> | <b>240</b> | <b>258</b> | <b>274</b> | <b>293</b> | <b>312</b> |
| $n_2$             |                 | 1/min                                    | 797                                      | 837        | 890        | 943        | 996        | 1053       | 1123       | 1190       | 1265       | 1331       | 1410       | 1488       |            |
| $P_2$             |                 | kW                                       | 204                                      | 216        | 231        | 247        | 264        | 282        | 305        | 327        | 353        | 378        | 407        | 437        |            |
| $P_1$             |                 | kW                                       | 250                                      | 250        | 315        | 315        | 315        | 315        | 355        | 400        | 400        | 500        | 500        | 500        |            |
| $n_1$             |                 | 1/min                                    | 1488                                     | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       |            |
| El. motor         |                 |  | 315                                      | 315        | 315        | 315        | 315        | 315        | 355        | 355        | 355        | 355        | 355        | 355        |            |
| $t_2$             |                 | $^{\circ}\text{C}$                       | 86                                       | 85         | 84         | 83         | 82         | 81         | 81         | 80         | 79         | 79         | 78         | 78         |            |
| $L_p(\text{A})$   |                 | dB                                       | 99/79                                    | 99/79      | 99/79      | 100/80     | 100/80     | 101/80     | 101/81     | 102/81     | 103/82     | 103/82     | 104/83     | 105/84     |            |
| <b>70</b>         |                 | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> | <b>142</b> | <b>151</b> | <b>164</b> | <b>177</b> | <b>190</b> | <b>203</b> | <b>220</b> | <b>236</b> | <b>254</b> | <b>270</b> |            |            |
|                   | $n_2$           | 1/min                                    | 797                                      | 837        | 890        | 943        | 996        | 1053       | 1123       | 1190       | 1265       | 1331       |            |            |            |
|                   | $P_2$           | kW                                       | 237                                      | 249        | 267        | 285        | 303        | 323        | 349        | 375        | 404        | 430        |            |            |            |
|                   | $P_1$           | kW                                       | 315                                      | 315        | 315        | 315        | 355        | 400        | 400        | 500        | 500        | 500        |            |            |            |
|                   | $n_1$           | 1/min                                    | 1488                                     | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       | 1488       |            |            |            |
|                   | El. motor       |  | 315                                      | 315        | 315        | 315        | 355        | 355        | 355        | 355        | 355        | 355        |            |            |            |
|                   | $t_2$           | $^{\circ}\text{C}$                       | 99                                       | 98         | 96         | 95         | 94         | 93         | 92         | 91         | 90         | 89         |            |            |            |
|                   | $L_p(\text{A})$ | dB                                       | 100/80                                   | 100/80     | 100/80     | 101/81     | 101/81     | 102/81     | 102/82     | 103/82     | 104/83     | 104/84     |            |            |            |
|                   | <b>80</b>       | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> |            |            |            |            |            |            |            |            |            |            |            |            |
| $n_2$             |                 | 1/min                                    |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $P_2$             |                 | kW                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $P_1$             |                 | kW                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $n_1$             |                 | 1/min                                    |  |            |            |            |            |            |            |            |            |            |            |            |            |
| El. motor         |                 |  |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $t_2$             |                 | $^{\circ}\text{C}$                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $L_p(\text{A})$   |                 | dB                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
| <b>90</b>         |                 | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | $n_2$           | 1/min                                    |  |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | $P_2$           | kW                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | $P_1$           | kW                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | $n_1$           | 1/min                                    |  |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | El. motor       |  |  |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | $t_2$           | $^{\circ}\text{C}$                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | $L_p(\text{A})$ | dB                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
|                   | <b>100</b>      | <b>Q</b>                                 | <b><math>\text{m}^3/\text{mi}</math></b> |            |            |            |            |            |            |            |            |            |            |            |            |
| $n_2$             |                 | 1/min                                    |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $P_2$             |                 | kW                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $P_1$             |                 | kW                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $n_1$             |                 | 1/min                                    |  |            |            |            |            |            |            |            |            |            |            |            |            |
| El. motor         |                 |  |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $t_2$             |                 | $^{\circ}\text{C}$                       |  |            |            |            |            |            |            |            |            |            |            |            |            |
| $L_p(\text{A})$   |                 | dB                                       |  |            |            |            |            |            |            |            |            |            |            |            |            |

Other parameters on request.

Другие параметры по требованию.

**DIMENSIONS OF BLOWER UNITS - sizes 19, 28, 38**  
**ГАБАРИТЫ ВОЗДУХОДУВОК - величины 19, 28, 38**



— Typ: 3D38B-100, 3D38C-100 - min 600 mm

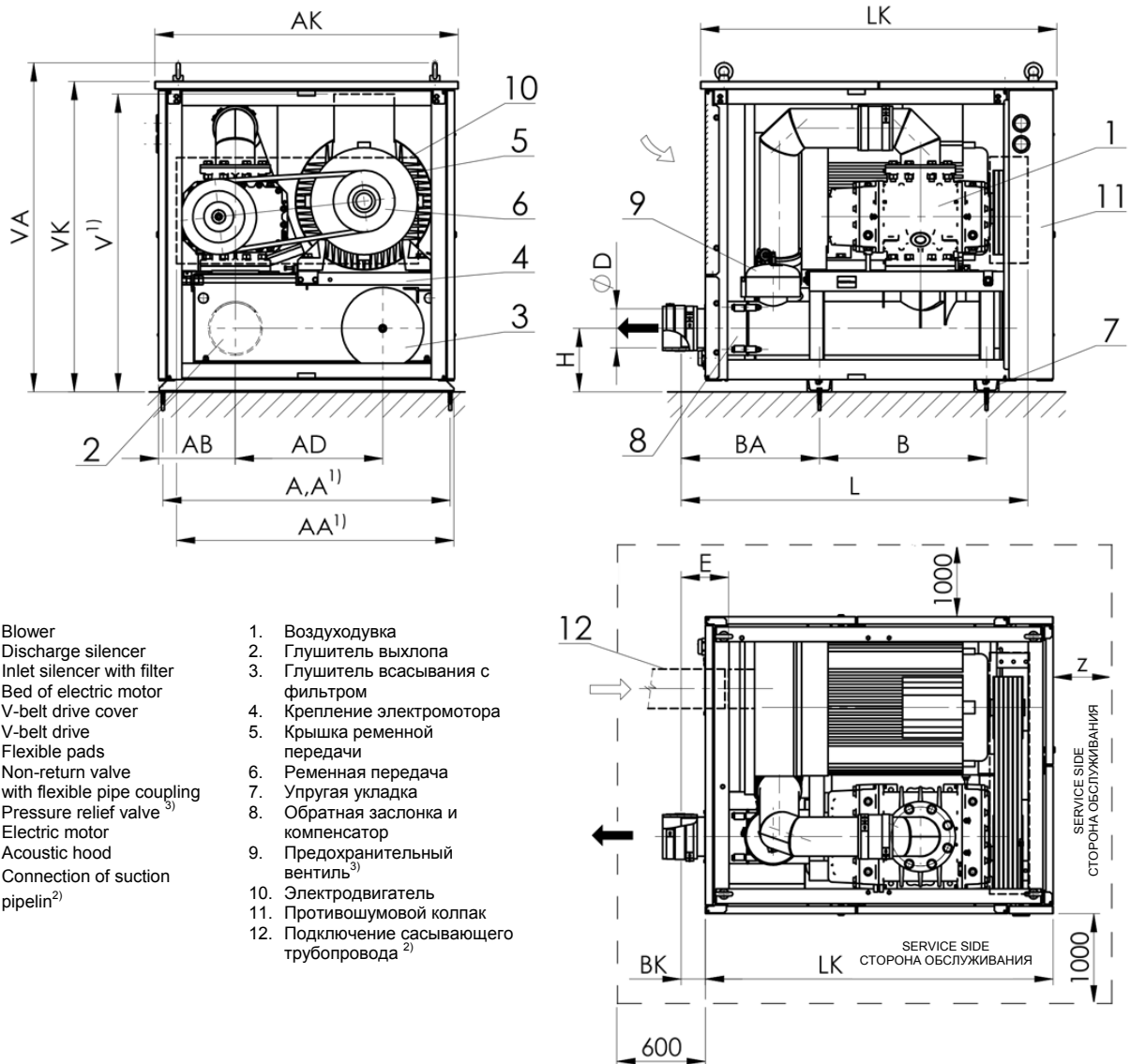
- |  |   |
|--|---|
| 1. Blower  | 1. Воздуходувка   |
| 2. Discharge silencer                            | 2. Глушитель выхлопа                                    |
| 3. Inlet silencer with filter                    | 3. Глушитель всасывания с фильтром                      |
| 4. Bed of electric motor                         | 4. Крепление электромотора                              |
| 5. V-belt drive cover                            | 5. Крышка ременной передачи                             |
| 6. V-belt drive                                  | 6. Ременная передача                                    |
| 7. Flexible pads                                 | 7. Упругая укладка                                      |
| 8. Non-return valve with flexible pipe coupling  | 8. Обратная заслонка и компенсатор                      |
| 9. Pressure relief valve <sup>3)</sup>           | 9. Предохранительный вентиль <sup>3)</sup>              |
| 10. Electric motor                               | 10. Электродвигатель                                    |
| 11. Acoustic hood                                | 11. Противошумовой колпак                               |
| 12. Connection of suction pipeline <sup>2)</sup> | 12. Подключение всасывающего трубопровода <sup>2)</sup> |

| typ       | ØD/DN   | A   | A <sup>1)</sup> | AA <sup>1)</sup> | AB <sup>1)</sup> | AD  | AD <sup>1)</sup> | AK <sup>5)</sup> | B<br>mm | BA  | BK  | C  | H   | HA  | L    | LK <sup>5)</sup> | V <sup>1)</sup> | VK  | E   | m   | m <sup>1)</sup><br>kg | Q <sub>max</sub> <sup>4)</sup><br>m <sup>3</sup> /min |
|-----------|---------|-----|-----------------|------------------|------------------|-----|------------------|------------------|---------|-----|-----|----|-----|-----|------|------------------|-----------------|-----|-----|-----|-----------------------|---|
| 3D19S-050 | 60/50   | 460 | 460             | 480              | 340              | 130 | 130              | 495              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 106 | 79                    | 1,5   |
| 3D19A-050 | 60/50   | 460 | 460             | 480              | 340              | 130 | 130              | 495              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 112 | 85                    | 2   |
| 3D19B-050 | 60/50   | 460 | 460             | 480              | 340              | 130 | 130              | 495              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 114 | 87                    | 2,5   |
| 3D19C-050 | 60/50   | 460 | 460             | 480              | 340              | 130 | 130              | 495              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 118 | 91                    | 3,2   |
| 3D19S-051 | 60/50   | 560 | 560             | 580              | 440              | 130 | 130              | 595              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 112 | 84                    | 1,5   |
| 3D19A-051 | 60/50   | 560 | 560             | 580              | 440              | 130 | 130              | 595              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 118 | 90                    | 2   |
| 3D19B-051 | 60/50   | 560 | 560             | 580              | 440              | 130 | 130              | 595              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 120 | 92                    | 2,5   |
| 3D19C-051 | 60/50   | 560 | 560             | 580              | 440              | 130 | 130              | 595              | 350     | 285 | 100 | 50 | 110 | 385 | 710  | 650              | 550             | 605 | 275 | 124 | 96                    | 3,2   |
| 3D28A-080 | 89/80   | 720 | 700             | 710              | 550              | 165 | 155              | 755              | 470     | 340 | 100 | 35 | 140 | 480 | 910  | 860              | 670             | 765 | 390 | 168 | 138                   | 3,9   |
| 3D28B-080 | 89/80   | 720 | 700             | 710              | 550              | 165 | 155              | 755              | 470     | 340 | 100 | 35 | 140 | 500 | 910  | 860              | 710             | 765 | 340 | 175 | 145                   | 5,5   |
| 3D28C-080 | 89/80   | 720 | 700             | 710              | 550              | 165 | 155              | 755              | 470     | 340 | 100 | 35 | 140 | 500 | 910  | 860              | 710             | 765 | 340 | 186 | 156                   | 8,5   |
| 3D38B-100 | 114/100 | 730 | 720             | 755              | 580              | 155 | 150              | 860              | 560     | 365 | 110 | 35 | 190 | 605 | 1035 | 970              | 860             | 925 | 355 | 259 | 199                   | 9,5   |
| 3D38C-100 | 114/100 | 730 | 720             | 755              | 580              | 155 | 150              | 860              | 560     | 365 | 110 | 35 | 190 | 605 | 1035 | 970              | 860             | 925 | 355 | 275 | 215                   | 14,3  |

- m Weight of blower unit without electric motor.  
 1) Without acoustic hood.  
 2) Alternative configuration.  
 3) Or combined pressure relief - unloading valve.  
 4) By Δp=30 kPa.  
 5) Roof panel of external acoustic cover „E“ exceeds ground plan of blower by 50 mm at all sides

- m Масса установки без электромотора  
 1) Без противошумовой колпака  
 2) Исполнение по выбору  
 3) Или комбинированный пусковой и предохранительный вентиль  
 4) При Δp=30 кПа  
 5) Кожух тип «E» для наружных выполнении превышает панель крыши план, чтобы охватить все сторонами 50 мм

**DIMENSIONS OF BLOWER UNITS – sizes 45, 55, 60, 80, 90, 100**  
**ГАБАРИТЫ ВОЗДУХОДУВОК - величины 45, 55, 60, 80, 90, 100**

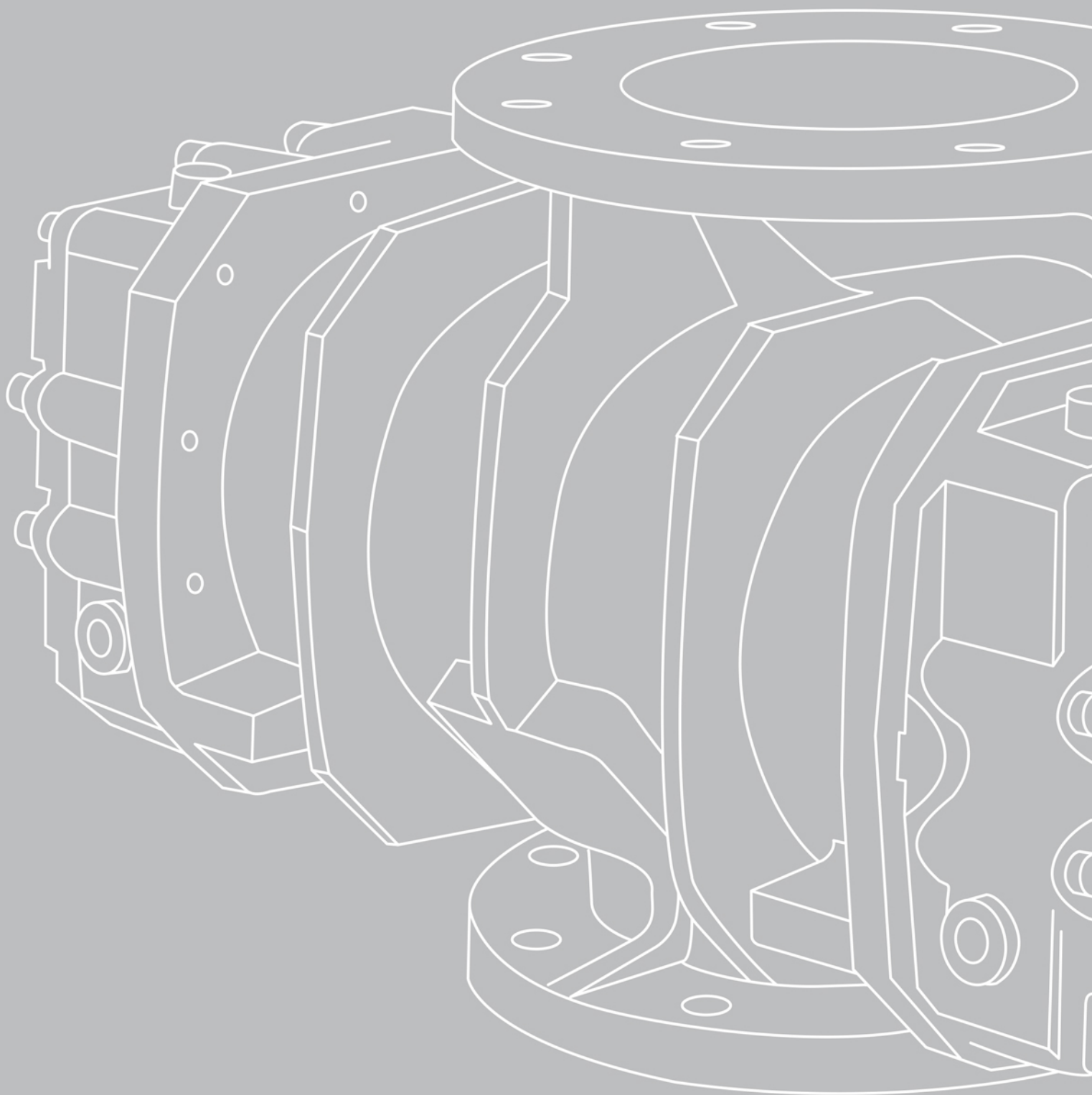


- |   |  |
|---|--|
| 1. Blower                                       | 1. Воздуходувка  |
| 2. Discharge silencer                           | 2. Глушитель выхлопа                                   |
| 3. Inlet silencer with filter                   | 3. Глушитель всасывания с фильтром                     |
| 4. Bed of electric motor                        | 4. Крепление электромотора                             |
| 5. V-belt drive cover                           | 5. Крышка ременной передачи                            |
| 6. V-belt drive                                 | 6. Ременная передача                                   |
| 7. Flexible pads                                | 7. Упругая укладка                                     |
| 8. Non-return valve with flexible pipe coupling | 8. Обратная заслонка и компенсатор                     |
| 9. Pressure relief valve <sup>3)</sup>          | 9. Предохранительный вентиль <sup>3)</sup>             |
| 10. Electric motor                              | 10. Электродвигатель                                   |
| 11. Acoustic hood                               | 11. Противошумовой колпак                              |
| 12. Connection of suction pipelin <sup>2)</sup> | 12. Подключение сасывающего трубопровода <sup>2)</sup> |

| typ        | ØD/DN   | A    | A <sup>1)</sup> | AA <sup>1)</sup> | AB  | AD   | AK <sup>5)</sup> | B    | BA  | BK  | E   | H   | L    | LK <sup>5)</sup> | V <sup>1)</sup> | VA   | VK   | Z    | m     |                 | Q <sub>max</sub> <sup>4)</sup><br>m <sup>3</sup> /min |
|------------|---------|------|-----------------|------------------|-----|------|------------------|------|-----|-----|-----|-----|------|------------------|-----------------|------|------|------|-------|-----------------|---|
|            |         |      |                 |                  |     |      |                  |      |     |     |     |     |      |                  |                 |      |      |      | kg    | m <sup>1)</sup> |   |
| 3D45B-150  | 159/150 | 1170 | 1070            | 1130             | 295 | 600  | 1265             | 680  | 560 | 100 | 190 | 260 | 1400 | 1475             | 1220            | 1370 | 1290 | 800  | 710   | 490             | 21  |
| 3D45C-150  | 159/150 | 1170 | 1070            | 1130             | 295 | 600  | 1265             | 680  | 560 | 100 | 190 | 260 | 1450 | 1475             | 1220            | 1370 | 1290 | 800  | 740   | 520             | 30  |
| 3D55B-150  | 159/150 | 1170 | 1070            | 1130             | 295 | 600  | 1265             | 680  | 560 | 100 | 190 | 260 | 1450 | 1475             | 1220            | 1370 | 1290 | 800  | 820   | 600             | 38  |
| 3D55C-200  | 219/200 | 1380 | 1300            | 1350             | 365 | 650  | 1440             | 780  | 705 | 100 | 260 | 280 | 1770 | 1700             | 1430            | 1560 | 1480 | 1000 | 1350  | 950             | 54  |
| 3D60B-200  | 219/200 | 1380 | 1300            | 1350             | 365 | 650  | 1440             | 780  | 705 | 100 | 260 | 280 | 1750 | 1700             | 1430            | 1560 | 1480 | 1000 | 1500  | 1100            | 53  |
| 3D60C-250  | 273/250 | 1550 | 1430            | 1460             | 400 | 750  | 1600             | 920  | 795 | 150 | 325 | 325 | 1990 | 1920             | 1670            | 1820 | 1720 | 1000 | 2300  | 1800            | 76  |
| 3D80B-250  | 273/250 | 1550 | 1430            | 1500             | 400 | 750  | 1600             | 920  | 795 | 150 | 325 | 325 | 1970 | 1920             | 1670            | 1820 | 1720 | 1000 | 2500  | 1900            | 84  |
| 3D80C-300  | 324/300 | 1700 | 1580            | 1600             | 325 | 800  | 1800             | 1525 | 530 | 150 | 380 | 370 | 2400 | 2350             | 1830            | 2000 | 1900 | 1200 | 3700  | 2900            | 121   |
| 3D90B-300  | 324/300 | 1700 | 1580            | 1650             | 325 | 800  | 1800             | 1525 | 530 | 150 | 380 | 370 | 2400 | 2350             | 1830            | 2000 | 1900 | 1200 | 3900  | 3100            | 142   |
| 3D90C-400  | 406/400 | 2220 | 2120            | 2150             | 650 | 950  | 2320             | 2100 | 530 | 150 | 400 | 425 | 3000 | 2900             | 2330            | 2500 | 2400 | 1500 | 7000  | 6000            | 204   |
| 3D100B-400 | 406/400 | 2220 | 2120            | 2150             | 650 | 950  | 2320             | 2100 | 530 | 150 | 400 | 425 | 3000 | 2900             | 2330            | 2500 | 2400 | 1500 | 7500  | 6500            | 240   |
| 3D100C-500 | 508/500 | 2300 | 2200            | 2150             | 620 | 1100 | 2400             | 2330 | 735 | 200 | 550 | 500 | 3500 | 3450             | 2730            | 2900 | 2800 | 1500 | 10000 | 8500            | 315   |

- m Weight of blower unit without electric motor.  
 1) Without acoustic hood.  
 2) Alternative configuration.  
 3) Or combined pressure relief - unloading valve.  
 4) By Δp=30 kPa.  
 5) Roof panel of external acoustic cover „E“ exceeds ground plan of blower by 50 mm at all sides

- m Масса установки без электромотора  
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 5) Кожух тип «E» для наружных выполнений превышает панель крыши план, чтобы охватить все сторонами 50 мм



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