## SMALL COMBINED PNEUMATIC SUCTION PUMPS PA AND BLOWING PUMPS PS PA 3 ÷ 7 WITH PS 3 ÷ 7



All the small pneumatic suction and blowing pumps previously described can be combined regardless of

combinations, for space reasons, this catalogue only describes combinations of pumps with the

their suction or blowing flow rate. Given the enormous number of possible

same size.



| Item   |  | PA 3                  |                       |   |                       |                       | ltem  |  | PS 3                   |                        |  |                         |                         |
|--|--|-----------------------|-----------------------|---|-----------------------|-----------------------|---|--|------------------------|------------------------|--|-------------------------|-------------------------|
| Supply pressure  | bar                                    | 1                     | 2                     | 3   | 4                     | 5                     | Supply pressure   | bar  | 1                      | 2                      | 3  | 4                       | 5                       |
| Maximum level of vacuum  | -КРа                                   | 20                    | 42                    | 62  | 80                    | 85                    | Maximum blowing pressure  | bar  | 0.1                    | 0.2                    | 0.3  | 0.5                     | 0.7                     |
| Air consumption  | NI/s                                   | 0.2                   | 0.4                   | 0.5   | 0.7                   | 0.8                   | Air consumption   | NI/s   | 0.2                    | 0.4                    | 0.5  | 0.7                     | 0.8                     |
| Intake air flow rate   | m³/h                                   | 2.0                   | 2.5                   | 3.0   | 3.4                   | 3.6                   | Blown air flow rate   | m³/h   | 2.7                    | 3.9                    | 4.8  | 5.9                     | 6.5                     |
| Α  |  |                       |                       | 88  |                       |                       | Α   |  |                        |                        | 88   |                         |                         |
| В  |  |                       |                       | 110.5   |                       |                       | В   |  |                        |                        | 110.5  |                         |                         |
| R  | Ø                                      |                       |                       | G1/4"   |                       |                       | R   | Ø  |                        |                        | G1/4"  |                         |                         |
| Weight   | Kg                                     |                       |                       | 0.45  |                       |                       | Weight  | Kg   |                        |                        | 0.44   |                         |                         |
| ltem   |  | PA 7                  |                       |   |                       |                       | ltem  | PS 7   |                        |                        |  |                         |                         |
|  |  |                       |                       |   |                       | _                     | Cumply processes  | le e u                                       |                        |                        |  |                         | _                       |
| Supply pressure  | bar                                    | 1                     | 2                     | 3   | 4                     | 5                     | Supply pressure   | bar  | 1                      | 2                      | 3  | 4                       | 5                       |
| Supply pressure<br>Maximum level of vacuum   | bar<br>-KPa                            | 1<br>20               | 2<br>42               | 3<br>62   | 4<br>80               | 5<br>85               | Maximum blowing pressure  | bar<br>bar                                   | 1<br>0.1               | 2<br>0.2               | 3<br>0.3   | 4<br>0.5                | 5<br>0.7                |
| Supply pressure<br>Maximum level of vacuum<br>Air consumption  | bar<br>-KPa<br>NI/s                    | 1<br>20<br>0.4        | 2<br>42<br>0.6        | 3<br>62<br>0.8  | 4<br>80<br>1.2        | 5<br>85<br>1.4        | Maximum blowing pressure<br>Air consumption                                       | bar<br>bar<br>NI/s                           | 1<br>0.1<br>0.4        | 2<br>0.2<br>0.6        | 3<br>0.3<br>0.8  | 4<br>0.5<br>1.2         | 5<br>0.7<br>1.4         |
| Supply pressure<br>Maximum level of vacuum<br>Air consumption<br>Intake air flow rate                          | bar<br>-KPa<br>NI/s<br>m³/h            | 1<br>20<br>0.4<br>3.0 | 2<br>42<br>0.6<br>4.0 | 3<br>62<br>0.8<br>5.4                                 | 4<br>80<br>1.2<br>5.8 | 5<br>85<br>1.4<br>6.2 | Maximum blowing pressure<br>Air consumption<br>Blown air flow rate                | bar<br>bar<br>NI/s<br>m <sup>3</sup> /h      | 1<br>0.1<br>0.4<br>4.4 | 2<br>0.2<br>0.6<br>6.1 | 3<br>0.3<br>0.8<br>8.2                                 | 4<br>0.5<br>1.2<br>10.1 | 5<br>0.7<br>1.4<br>11.2 |
| Supply pressure<br>Maximum level of vacuum<br>Air consumption<br>Intake air flow rate<br>A                     | bar<br>-KPa<br>NI/s<br>m³/h            | 1<br>20<br>0.4<br>3.0 | 2<br>42<br>0.6<br>4.0 | 3<br>62<br>0.8<br>5.4<br>88                           | 4<br>80<br>1.2<br>5.8 | 5<br>85<br>1.4<br>6.2 | Maximum blowing pressure<br>Air consumption<br>Blown air flow rate<br>A           | bar<br>bar<br>NI/s<br>m³/h                   | 1<br>0.1<br>0.4<br>4.4 | 2<br>0.2<br>0.6<br>6.1 | 3<br>0.3<br>0.8<br>8.2<br>88                           | 4<br>0.5<br>1.2<br>10.1 | 5<br>0.7<br>1.4<br>11.2 |
| Supply pressure<br>Maximum level of vacuum<br>Air consumption<br>Intake air flow rate<br>A<br>B                | bar<br>-KPa<br>NI/s<br>m³/h            | 1<br>20<br>0.4<br>3.0 | 2<br>42<br>0.6<br>4.0 | 3<br>62<br>0.8<br>5.4<br>88<br>110.5                  | 4<br>80<br>1.2<br>5.8 | 5<br>85<br>1.4<br>6.2 | Maximum blowing pressure<br>Air consumption<br>Blown air flow rate<br>A<br>B      | bar<br>bar<br>NI/s<br>m³/h                   | 1<br>0.1<br>0.4<br>4.4 | 2<br>0.2<br>0.6<br>6.1 | 3<br>0.3<br>0.8<br>8.2<br>88<br>110.5                  | 4<br>0.5<br>1.2<br>10.1 | 5<br>0.7<br>1.4<br>11.2 |
| Supply pressure<br>Maximum level of vacuum<br>Air consumption<br>Intake air flow rate<br>A<br>B<br>R           | bar<br>-KPa<br>NI/s<br>m³/h<br>Ø       | 1<br>20<br>0.4<br>3.0 | 2<br>42<br>0.6<br>4.0 | 3<br>62<br>0.8<br>5.4<br>88<br>110.5<br>G3/8"         | 4<br>80<br>1.2<br>5.8 | 5<br>85<br>1.4<br>6.2 | Maximum blowing pressure<br>Air consumption<br>Blown air flow rate<br>A<br>B<br>R | bar<br>bar<br>NI/s<br>m <sup>3</sup> /h<br>Ø | 1<br>0.1<br>0.4<br>4.4 | 2<br>0.2<br>0.6<br>6.1 | 3<br>0.3<br>0.8<br>8.2<br>88<br>110.5<br>G3/8"         | 4<br>0.5<br>1.2<br>10.1 | 5<br>0.7<br>1.4<br>11.2 |
| Supply pressure<br>Maximum level of vacuum<br>Air consumption<br>Intake air flow rate<br>A<br>B<br>R<br>Weight | bar<br>-KPa<br>NI/s<br>m³/h<br>Ø<br>Kg | 1<br>20<br>0.4<br>3.0 | 2<br>42<br>0.6<br>4.0 | 3<br>62<br>0.8<br>5.4<br>88<br>110.5<br>G3/8"<br>0.46 | 4<br>80<br>1.2<br>5.8 | 5<br>85<br>1.4<br>6.2 | Air consumption<br>Blown air flow rate<br>A<br>B<br>B<br>R<br>Weight              | bar<br>bar<br>NI/s<br>m³/h<br>Ø<br>Kg        | 1<br>0.1<br>0.4<br>4.4 | 2<br>0.2<br>0.6<br>6.1 | 3<br>0.3<br>0.8<br>8.2<br>88<br>110.5<br>G3/8"<br>0.45 | 4<br>0.5<br>1.2<br>10.1 | 5<br>0.7<br>1.4<br>11.2 |

NOTE: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.

Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.