



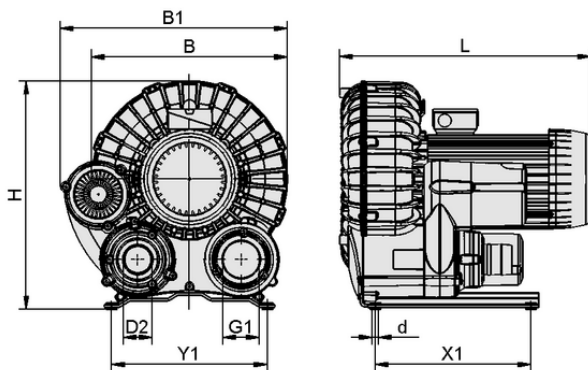
## Technical data

| Attribute            | Value                     |
|----------------------|---------------------------|
| Rated power at 60 Hz | 4.80 kW                   |
| Voltage at 60 Hz     | YY230 / Y460 V $\pm 10$ % |
| Weight               | 61.500 kg                 |
| Suction rate (60 Hz) | 610.000 m <sup>3</sup> /h |
| Color                | RAL 7035 Light grey       |
| Version              | IE3:US/CAN                |
| Vacuum (60 Hz)       | 175 mbar                  |
| Voltage 60 Hz        | S067                      |
| Approval             | UL/CSA                    |

SB 610 175 4.8 IE3-TYP2

The vacuum blower SB is delivered as a ready-to-connect product.

Available assesories: silencer box, dust filter



## Design data

| Attribute           | Value     |
|---------------------|-----------|
| Length L            | 496.00 mm |
| Width B1            | 496.00 mm |
| Width B             | 474.00 mm |
| Height H            | 523.00 mm |
| Outside diameter D2 | 76.0 mm   |
| Internal diameter d | 12.00 mm  |
| Thread G1           | G2"-F     |
| Hole spacing Y1     | 310.0 mm  |
| Hole spacing X1     | 310.0 mm  |

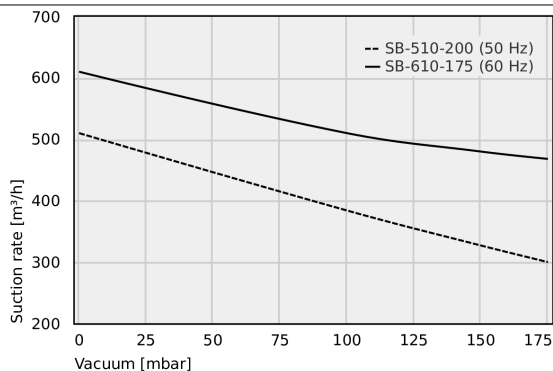
Design data SB 610 175 4.8 IE3-TYP2

Art.-Nr.: 10.04.01.00080

**Technical data**

| Attribute                     | Value                     |
|-------------------------------|---------------------------|
| Protection type IP            | IP 55                     |
| Rated power at 60 Hz          | 4.80 kW                   |
| Voltage at 60 Hz              | YY230 / Y460 V $\pm 10$ % |
| Weight                        | 61.500 kg                 |
| Suction rate (60 Hz)          | 610.000 m <sup>3</sup> /h |
| Version                       | IE3:US/CAN                |
| Vacuum (60 Hz)                | 175 mbar                  |
| Product family                | SB                        |
| Version design                | IE3-TYP2                  |
| Sound pressure level at 60 Hz | 76.7 dB(A)                |
| Approval                      | UL/CSA                    |

Noise level according to DIN EN ISO 3744 (uncertainty factor KpA = 3 dB(A)), interval of 1 m, at medium load, both connection sides piped

**Performance data**

Suction rate at various degrees of evacuation

**Suction rate at various degrees of evacuation**

|                    | 0   | 100 | 150 | 175 |
|--------------------|-----|-----|-----|-----|
| SB-510-200 (50 Hz) | 510 | 384 | 327 | 300 |
| SB-610-175 (60 Hz) | 610 | 510 | 480 | 468 |



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**Further documentation**CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.04.01.00080](http://www.schmalz.com/10.04.01.00080)**Ordering Data Accessories 10.04.01.00080**

| Typ                   |                                   | Item number    |
|-----------------------|-----------------------------------|----------------|
| Silencer box          | SBB-230V-AC-ST/ABS-LUE SB         | 10.04.04.00237 |
| Silencer box          | SBB-24V-DC-ST/ABS-LUE SB          | 10.04.04.00322 |
| Dust filter           | STF 75 P 12.0 SSD                 | 10.07.01.00399 |
| Filter insert (round) | FILT-EINS 194x401 PAP STF-Picl-12 | 10.07.01.00361 |
| Silencer kit          | SD SB FITTING SD                  | 10.04.04.00363 |
| Silencer (round)      | SD G2-AG 115x380 SB               | 10.04.04.00374 |
| Rubber buffer (round) | GUMM-PUF 101x55 M6-AG SB 3        | 10.04.04.00385 |

**Ordering Data Spare Parts 10.04.01.00080**

| Typ            |                   | Item number    |
|----------------|-------------------|----------------|
| Conversion kit | UMR-SET SB Ø76/60 | 10.04.01.00138 |

