

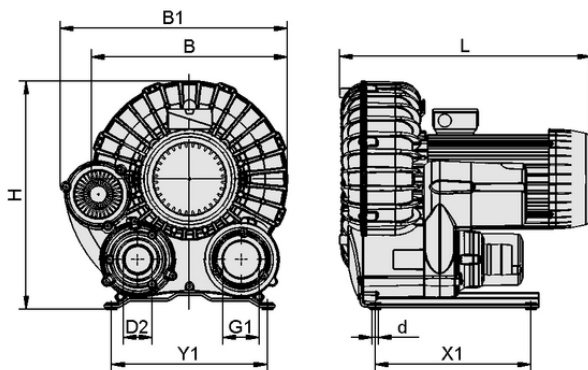
**Technical data**

Attribute	Value
Rated power at 60 Hz	4.80 kW
Voltage at 60 Hz	YY230 / Y460 V ± 10 %
Weight	61.500 kg
Suction rate (60 Hz)	610.000 m ³ /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 accessories: 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

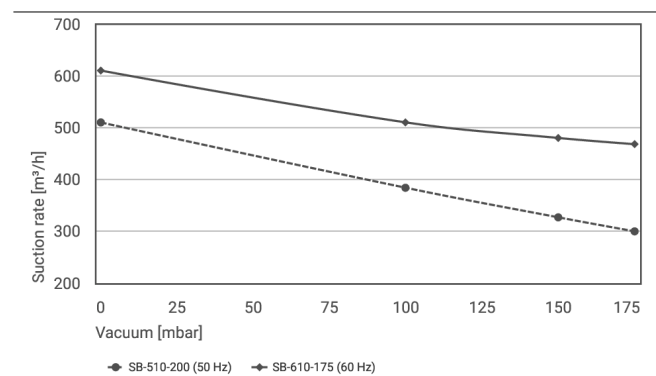
Design data SB 610 175 4.8 IE3-TYP2

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 ± 10 %
Weight	61.500 kg
Suction rate (60 Hz)	610.000 m ³ /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**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
Hose sleeve	ST G2-AG 60 ST-VZ	10.08.03.00121
Hose sleeve	ST G2-AG 75	10.08.03.00346

**Ordering Data Spare Parts 10.04.01.00080**

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