

Art.-Nr.: 10.02.01.01962



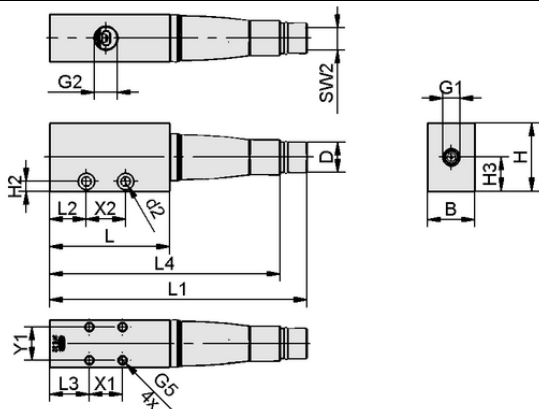
SBP HV 3 16 22 KU

The basic ejectors SBP-HV/HF is delivered as a ready to connect component.

Available accessories: silencer

Technical data

Attribute	Value
Nozzle diameter	1.6 mm
Degree of evacuation	90.0 %
Material	Plastics
Air consumption suction	103.0 l/min
Suction rate (max.)	308.8 l/min
Size	22.00
Number of stages	3
Shape	High vacuum



Design data SBP HV 3 16 22 KU

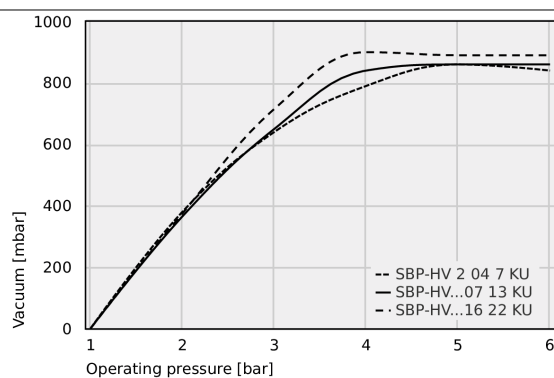
Design data

Attribute	Value
Length L1	171.00 mm
Length L2	24.50 mm
Length L	80.00 mm
Width B	31.50 mm
Height H2	6.50 mm
Height H	45.00 mm
Outside diameter D	20.00 mm
d2	6.2 mm
Thread G1	G1/4"-F
Thread G2	G3/8"-F

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**Technical data**

Attribute	Value
Nozzle diameter	1.6 mm
Recommended hose internal diameter compressed air	6.0 mm
Recommended hose internal diameter vacuum	12.0 mm
Degree of evacuation	90.0 %
Sound pressure level suction	72.0 dB(A)
Sound pressure level free	80.0 dB(A)
Weight	208.4 g
Air consumption suction	3.637 cfm
Suction rate (max.)	10.904 cfm
Number of stages	3
Pressure range (operating pressure) [bar]	28.8 - 86.8
Operating temperature	0 ... 60 °C
Product family	SBP-HV-HF-KU

**Performance data**

Achievable vacuum at various operating pressures

**Achievable vacuum at various operating pressures**

	1	2	3	4	5	6
SBP-HV 2 04 7 KU	-	380	640	790	860	840
SBP-HV...07 13 KU	-	365	650	840	860	860
SBP-HV...16 22 KU	-	375	715	900	890	890



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**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.01.01962**Ordering Data Accessories 10.02.01.01962**

Typ		Item number
Silencer (round)	SD 29x70 SHC 22	10.02.01.01517
Silencer (round)	SD 29x121.5 SHC	10.02.01.01831

**Ordering Data Spare Parts 10.02.01.01962**

Typ		Item number
Schmalz Fixation Element	SFE 22 POM	10.02.01.01767
Ejector module	SEP HV 3 16 22	10.02.01.01397
Schmalz Holder Cap	SHC 3 22	10.02.01.01514