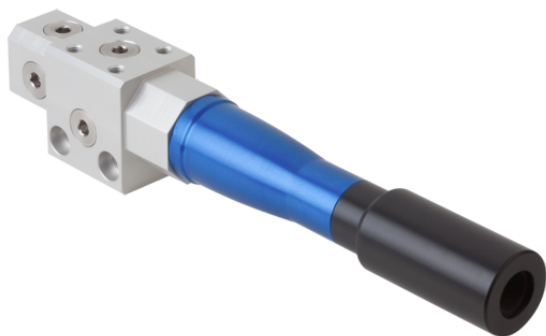


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SBP HV 3 16 22 SD

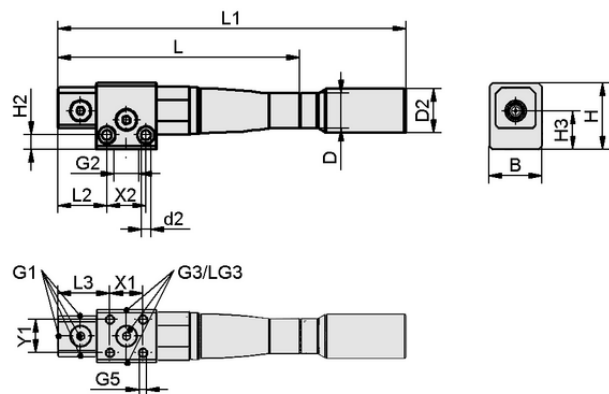
The basic ejectors SBP-HV/HF is delivered as a ready-to-connect product.

Technical data

Attribute	Value
Nozzle diameter	1.6 mm
Degree of evacuation	90.0 %
Air consumption suction	103.0 l/min
Suction rate (max.)	308.8 l/min
Additional function ejector	Silencer
Size	22.00
Optimal operating pressure	4.00 bar
Number of stages	3
Shape	High vacuum

Design data

Attribute	Value
Length L1	231.00 mm
Length L2	32.50 mm
Length L	160.50 mm
Width B	35.00 mm
Height H2	9.50 mm
Height H	44.00 mm
Outside diameter D2	29.0 mm
Outside diameter D	23.00 mm
d2	6.4 mm
Thread G1	G1/4"-F

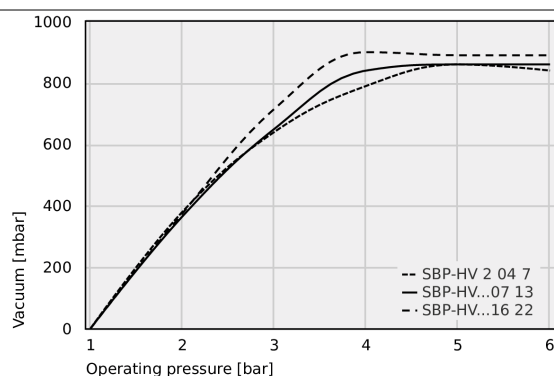


Design data SBP HV 3 16 22 SD

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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	63.0 dB(A)
Sound pressure level free	70.0 dB(A)
Weight	295.00 g
Air consumption suction	3.637 cfm
Suction rate (max.)	10.904 cfm
Optimal operating pressure	4.00 bar
Number of stages	3
Pressure range (operating pressure) [bar]	29.0 ... 87.0
Operating temperature	0 ... 60 °C
Optimal pressure	58.0 psi
Product family	SBP-HV-HF

**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	-	380	640	790	860	840
SBP-HV...07 13	-	365	650	840	860	860
SBP-HV...16 22	-	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/10.02.01.01739**Ordering Data Accessories 10.02.01.01739**

Typ		Item number
Mounting bracket	BEF-WIN 50x40x41 5 SFE-22	10.08.03.00315
Mounting set	SET SFE 22	10.02.01.01577
Quick release valve	SEV G1/8-IG G1/4-AG	10.02.01.01471
Silencer (round)	SD 29x121.5 SHC 22	10.02.01.01831

**Ordering Data Spare Parts 10.02.01.01739**

Typ		Item number
Ejector module	SEP HV 3 16 22	10.02.01.01397
Schmalz Fixation Element	SFE 22 AL	10.02.01.01421
Schmalz Holder Cap	SHC 3 22	10.02.01.01514
Silencer (round)	SD 29x70 SHC 22	10.02.01.01517

