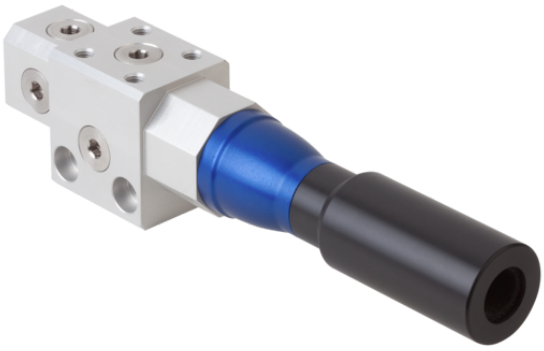
Basic Ejector

SBP HF 2 13 22 SD

Art.-Nr.: 10.02.01.01735

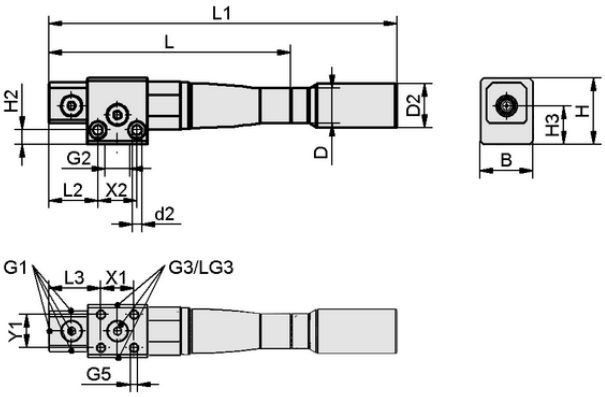


SBP HF 2 13 22 SD

Technical data

Attribute	Value
Nozzle diameter	1.3 mm
Degree of evacuation	61.0 %
Air consumption suction	74.0 l/min
Suction rate (max.)	175.3 l/min
Additional function ejector	Silencer
Size	22.00
Optimal operating pressure	4.00 bar
Number of stages	2
Shape	High flow

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



Design data SBP HF 2 13 22 SD

Design data

Attribute	Value
Length L1	191.00 mm
Length L2	32.50 mm
Length L	120.50 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

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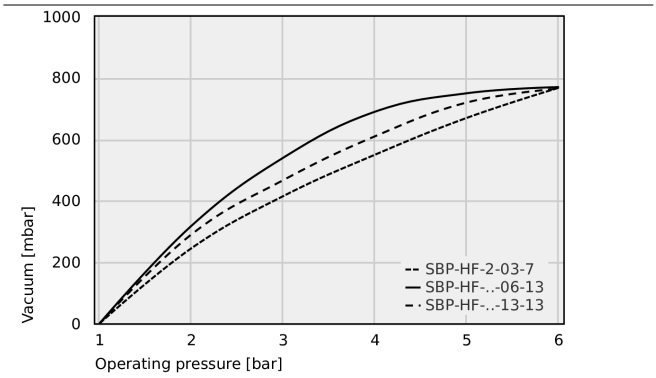
Technical data

Attribute	Value
Nozzle diameter	1.3 mm
Recommended hose internal diameter compressed air	6.0 mm
Recommended hose internal diameter vacuum	12.0 mm
Degree of evacuation	61.0 %
Sound pressure level suction	63.0 dB(A)
Sound pressure level free	76.0 dB(A)
Weight	276.6 g
Air consumption suction	2.613 cfm
Suction rate (max.)	6.190 cfm
Optimal operating pressure	4.00 bar
Number of stages	2
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-HF-2-03-7	0.0	245	415	550	670	768
SBP-HF-..-06-13	-	318	540	690	750	770
SBP-HF-..-13-22	-	290	467	610	720	765

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Further documentation

CAD data and other documents relating to the article can be found at: **www.schmalz.com/10.02.01.01735**

Ordering Data Accessories 10.02.01.01735

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
Mounting set	SET SBP-PXT D30-I	10.02.01.02048
Silencer (round)	SD 29x121.5 SHC	10.02.01.01831

Ordering Data Spare Parts 10.02.01.01735

Typ		Item number
Ejector module	SEP HF 2 13 22	10.02.01.01347
Schmalz Fixation Element	SFE 22 AL	10.02.01.01421
Schmalz Holder Cap	SHC 2 22	10.02.01.01512
Silencer (round)	SD 29x70 SHC 22	10.02.01.01517

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