

Schmalz X-Pump

SXPi 25 IMP H 2xM12-5

Part no.: 10.02.02.03794

<https://www.schmalz.com/10.02.02.03794>



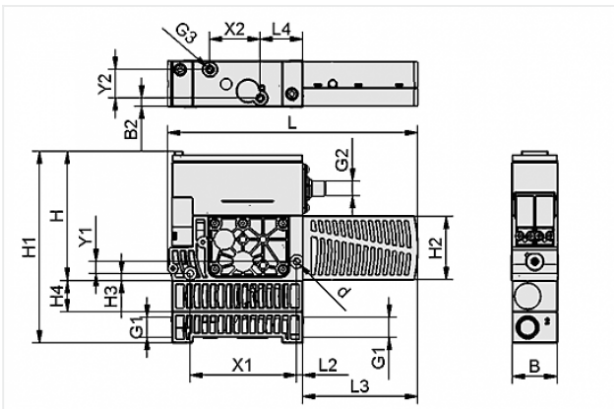
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SXPi / SXMPi with IO-Link > SXPi 25 IMP H 2xM12-5

Compact ejector with Condition Monitoring and air-saving function



Nozzle size: 2,5 mm
Control: Double pilot valve
Pneum. Connection: Horizontal
Electrical connection:
2xConnect M12, 5+5 pol
Communication: IO-Link (Class A)
Suction rate (max): 185 l/min
Air consumption (during evac.):
290 l/min
Vacuum (max): 850 mbar
Noise level (free): 67 dB
Protection: IP 65

Design Data



Attribute	Value
B	39 mm
B2	6.8 mm
d	5.5 mm
G1	G3/8"-F
G2	M12x1-M
G3	M5-F
H	108 mm
H1	134 mm
H2	54 mm
H3	6 mm
L	210 mm

Contact to Schmalz

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Attribute	Value
L2	5 mm
L3	97 mm
L4	35.5 mm
X1	89 mm
X2	42 mm
Y1	10 mm
Y2	24 mm

Technical Data

Attribute	Value
Nozzle size	2.5 mm
Degree of evacuation	85 %
Suction rate (max)	185 l/min
Suction rate (max)	11.1 m³/h
Air consumption (during evac.)	290 l/min
Air consumption (during evac.)	17.4 m³/h
Air consumption (blow off) (max)	200 l/min
Vacuum (max)	850 mbar
Noise level (free)	67 dB
Pressure range (operating pressure)	3.0 ... 6.0 bar
Int. hose diameter (recom.) comp.-air	8 mm
Int. hose diameter (recom.) vacuum side	9 mm
Weight	0.77 kg
Ambient temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0 psi

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Attribute	Value
Suction rate (max)	6.533 cfm
Air consumption (during evac.)	10.241 cfm
Air consumption (blow off)	7.062 cfm
Vacuum (max)	25.1 inHg
Product family	SXPi

Note:

- The supply voltage for vacuum switches and solenoid valves is 24V DC
- Air consumption: At optimal operating pressure
- Hose diameter: For max. length 2 m

Spare Parts



SD 96x54x40 SXPi/SXMPi

Part no. 10.02.02.02124

Silencer for vacuum generators

Length L: 96 mm

Width B: 54 mm

Height H: 40 mm

for: Compact ejectors SXPi/SXMPi

Accessories



ASK B-M12-5 5000

Part no. 21.04.05.00080

Connection cable

Interface Connection cable:

Fem connect M12, 5 pol

Cable length: 5000 mm

Material: PUR-Cable

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