

Art.-Nr.: 10.02.02.03797



SXPi 30 IMP Q M12-8

Compact ejector SXPi / SXMPi is delivered as a ready-to-connect product (without connection cable).

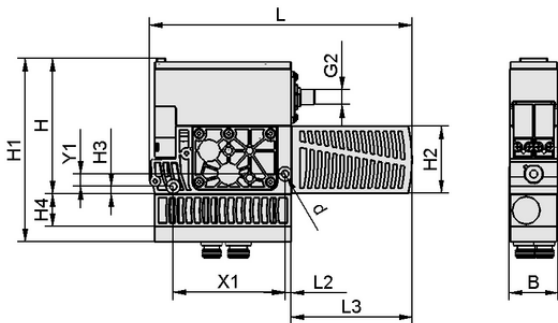
Available spare parts: connection cable, base plate, ejector tester

Technical data

Attribute	Value
Nozzle diameter	3.0 mm
Electrical connection	Male connect M12, 8 pol
Protection type IP	IP 65
Max. vacuum	850 mbar
Sound pressure level free	72.0 dB(A)
Air consumption suction	380.0 l/min
Suction rate (max.)	220.0 l/min
Communication	IO-Link (Class A)
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Control valve	Impulse valve

Design data

Attribute	Value
Length L2	5.00 mm
Length L	210.00 mm
Width B	39.00 mm
Height H1	120.00 mm
Height H2	54.00 mm
Height H	108.00 mm
Internal diameter d	5.50 mm
Thread G2	M12x1-M
Length L3	97.00 mm
Height H3	6.00 mm



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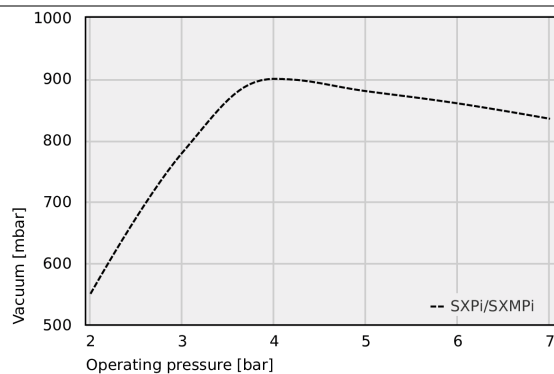
**Technical data**

Attribute	Value
Nozzle diameter	3.0 mm
Recommended hose internal diameter compressed air	8.0 mm
Recommended hose internal diameter vacuum	9.0 mm
Degree of evacuation	85.0 %
Sound pressure level free	72.0 dB(A)
Weight	0.820 kg
Max. air consumption blow-off	200.0 l/min
Air consumption blow-off	7.062 cfm
Air consumption suction	13.419 cfm
Suction rate (max.)	7.769 cfm
Pressure range (operating pressure) [bar]	43.5 ... 87.0
Operating temperature	0 ... 50 °C
Product family	SXPi
Control valve	Impulse valve

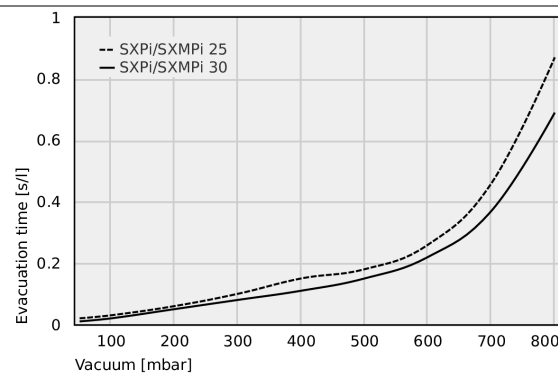
Note: The supply voltage for vacuum switches and solenoid valves is 24V DC Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m



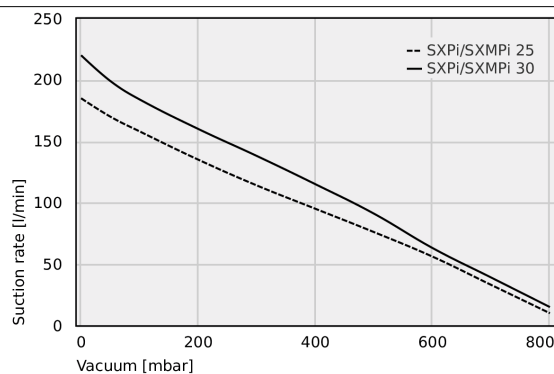
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**Performance data**

Achievable vacuum at various operating pressures



Evacuation time for various vacuum ranges [s/l]



Suction rate at various degrees of evacuation [l/min]

**Achievable vacuum at various operating pressures**

	2	3	4	5	6	7
SXPi/SXMPi	550.00	780.00	900.00	880.00	860.00	835.00

**Evacuation time for various vacuum ranges [s/l]**

	50	100	200	300	400	500	600	700	800
SXPi/SXMPi 25	0.02	0.03	0.06	0.10	0.15	0.18	0.26	0.46	0.87
SXPi/SXMPi 30	0.01	0.02	0.05	0.08	0.11	0.15	0.22	0.37	0.69



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**Suction rate at various degrees of evacuation [l/min]**

	0	50	100	200	300	400	500	600	700	800
SXPi/SXMPi 25	185.00	170.00	158.00	135.00	114.00	95.00	76.00	56.00	33.00	10.00
SXPi/SXMPi 30	220.00	199.00	184.00	160.00	138.00	115.00	91.00	63.00	39.00	15.00

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.02.03797**Ordering Data Accessories 10.02.02.03797**

Typ		Item number
Connection cable	ASK B-M12-8 5000 K-8P	21.04.05.00079
Basic plate	GPQ1 122x46x43 SXPi/SXMPi	10.02.02.02473
Basic plate	GPQ2 122x87x48 SXPi/SXMPi	10.02.02.02154

**Ordering Data Spare Parts 10.02.02.03797**

Typ		Item number
Silencer (cube-shaped)	SD 96x54x40 SXPi/SXMPi	10.02.02.02124

**Ordering Data Wear Parts 10.02.02.03797**

Typ		Item number
Set of parts subject to wear ejector	VST SXPi-15-30-SD	10.02.02.04283

