

Art.-Nr.: 10.03.01.01008



GSPi 100 3xM12-5 24V-DC FB

The smart vacuum pump GSP is delivered without a cable or power supply.

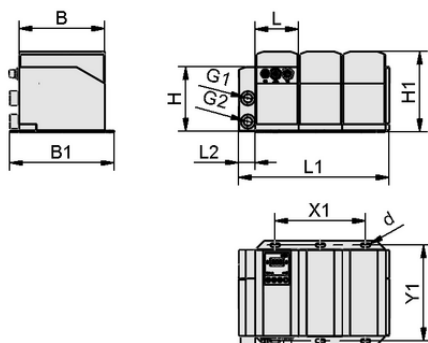
Available spare parts: silencer, wear part set

Available accessories: connection cable, filter, vibration dampers

Technical data

Attribute	Value
Electrical connection	3xConnect M12, 3x5 pol
Protection type IP	IP 54
Max. vacuum	800 mbar
Filter pore size	50.0 µm
Suction rate (max.)	100.0 l/min
Rated power	110.00 W
Operating temperature	0 ... 40 °C
Voltage	24V - DC
Rated current	4.6 A
Size	100
with	Unit with safety valve

Design data



Attribute	Value
Length L1	209.70 mm
Length L2	53.10 mm
Length L	74.60 mm
Width B1	180.00 mm
Width B	150.00 mm
Height H1	139.00 mm
Height H	111.00 mm
Internal diameter d	6.40 mm
Thread G1	G3/8"-F
Thread G2	G3/8"-F
Hole spacing Y1	165.0 mm
Hole spacing X1	80.0 mm

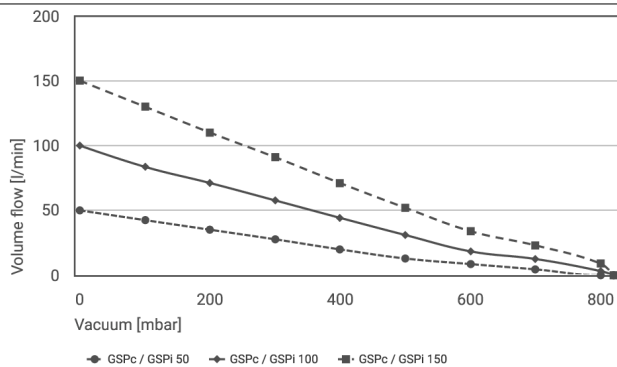
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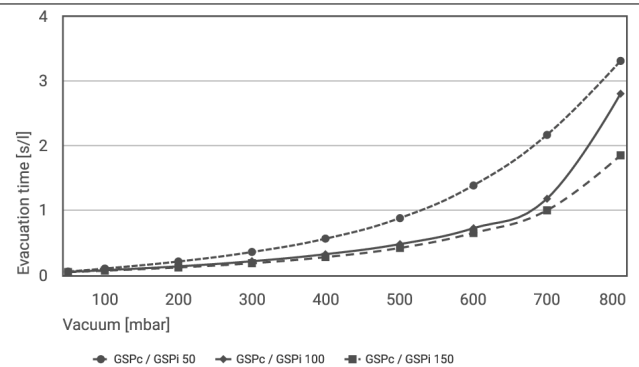
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**Technical data**

Attribute	Value
Electrical connection	3xConnect M12, 3x5 pol
Protection type IP	IP 54
Max. vacuum	800 mbar
Filter pore size	50.0 µm
Weight	4,305.00 g
Suction rate (max.)	100.0 l/min
Rated power	110.00 W
Operating temperature	0 ... 40 °C
Voltage	24V - DC
Rated current	4.6 A
with	Unit with safety valve

**Performance data**

Flow rate at various degrees of evacuation



Evacuation time for various vacuum ranges [s/l]

**Flow rate at various degrees of evacuation**

Typ	0	100	200	300	400	500	600	700	800	820
GSPc / GSPi 50	50.0	42.5	35.1	27.7	19.9	12.9	8.6	4.5	0.0	0.0
GSPc / GSPi 100	100.0	83.6	71.1	57.7	44.2	31.0	18.4	12.5	3.2	0.0
GSPc / GSPi 150	150.0	130.0	110.0	91.0	71.0	52.0	34.0	23.0	9.0	0.0



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

Typ	50	100	200	300	400	500	600	700	800
GSPc / GSPi 50	0.057	0.103	0.212	0.359	0.565	0.880	1.384	2.164	3.305
GSPc / GSPi 100	0.051	0.078	0.137	0.216	0.325	0.479	0.724	1.180	2.800
GSPc / GSPi 150	0.0480	0.0700	0.120	0.185	0.280	0.420	0.650	1.000	1.850

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.03.01.01008**Ordering Data Accessories 10.03.01.01008**

Typ		Item number
Plug union, straight	STV-GE G3/8-AG 10	10.08.02.00252
Plug union, straight	STV-GE G3/8-AG 12	10.08.02.00209
Plug union, straight	STV-GE G3/8-AG 14	10.08.02.00211
Vacuum hose (meter)	VSL 10-7 PE MI-TR	10.07.09.00083
Vacuum hose (meter)	VSL 12-9 PU MI-TR	10.07.09.00037
Vacuum hose (meter)	VSL 14-11 PU MI-TR	10.07.09.00038
Vacuum filter	VF-10 G3/8-IG 50	10.07.01.00004
Compact valve	LQEI 8 24V-DC 3/2 IMP IOL-B	10.05.11.00014
Vacuum cup filter	VFT G1/4-IG 100	10.07.01.00120
Accessories	ZUB GCPi GUMMI-PUFF	10.03.01.00809
Accessories	ZUB GCPi GUMMI-PUFF	10.03.01.00810
Power cable	P-LEIT-LK S-M12-5 1.5m B-M12-5	21.04.05.00606
Power cable	P-LEIT-LK S-M12-5 3m B-M12-5	21.04.05.00607
Power cable	P-LEIT-LK B-M12-5 1.5m OK	21.04.05.00351
Power cable	P-LEIT-LK B-M12-5 5m OK	21.04.05.00352
Connection cable	ASK B-M12-5 5000 K-5P	21.04.05.00080
Connection cable	ASK B-M12-5 2000 S-M12-5	21.04.05.00211
Silencer (round)	SD G3/8-AG 20x56 SEG	10.02.01.00905

**Ordering Data Spare Parts 10.03.01.01008**

Typ		Item number
Silencer insert (cube-shaped)	SD-EINS 120.5x21x20 GSP	10.03.01.00927
Silencer insert (cube-shaped)	SD-EINS 120.5x21x30 GSP	10.07.01.00546
Filter insert (round)	FILT-EINS 50 28x51 PAP VF-3/8	10.07.01.00014



Smart Pump

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Ordering Data Wear Parts 10.03.01.01008

Typ		Item number
Set of parts subject to wear pump	VST GSP-100	10.03.01.01041
Sieve, round	SIEB 14x2 A2 0.415/0.22	10.02.02.03377



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