

Art.-Nr.: 10.03.01.01002



GSPc 100 2xM12-5 24V-DC FB

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

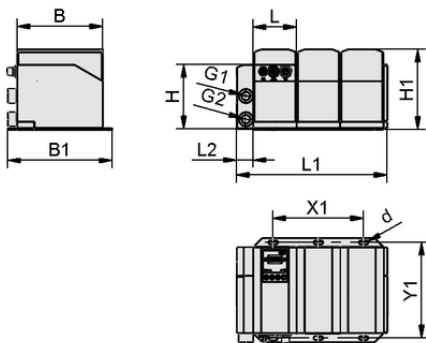
Available spare parts: silencer, wear part set

Available accessories: connection cable, filter, vibration dampers

Technical data

Attribute	Value
Electrical connection	2xConnect M12, 2x5 pol
Protection type IP	IP 54
Max. vacuum	800 mbar
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

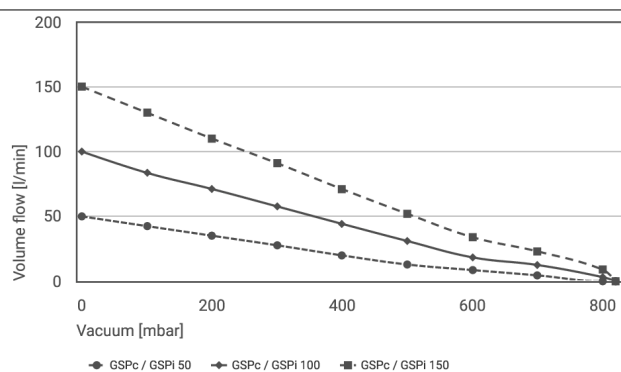
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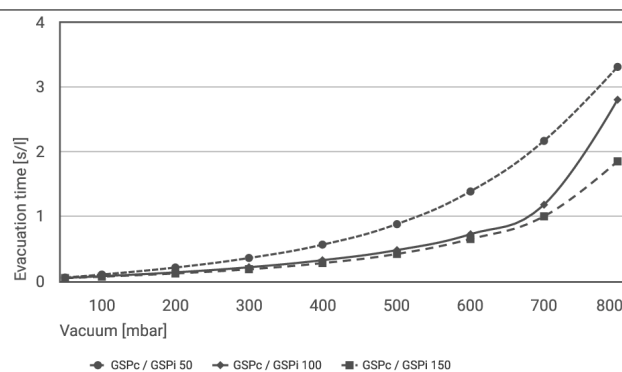
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**Technical data**

Attribute	Value
Electrical connection	2xConnect M12, 2x5 pol
Protection type IP	IP 54
Max. vacuum	800 mbar
Weight	4,303.00 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/10.03.01.01002**Ordering Data Accessories 10.03.01.01002**

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 10.03.01.01002**

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 10.03.01.01002

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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