

Art.-Nr.: 10.02.02.04367

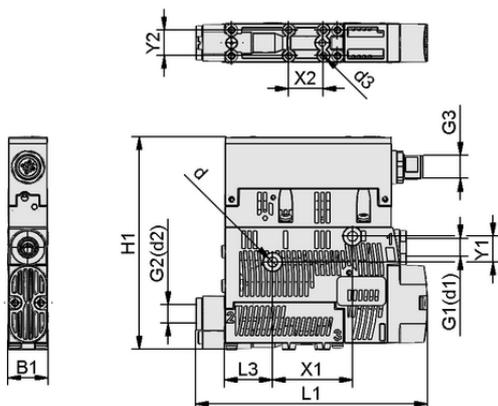
**Technical data**

| | |
|---|-----------------------------|
| Electrical connection | Male connect M12, 5 pol |
| Protection type IP | IP 65 (with plug) |
| Max. vacuum | -850 mbar |
| Air consumption suction | 40.5 l/min |
| Suction rate (max.) | 49.5 l/min |
| Connection | G1/8" (1)-G1/8" (2) |
| Pressure range (operating pressure) [bar] | 3.0 ... 6.0 bar |
| Nozzle size | 2-09 |
| Control valve | Normally open |
| Functionality of the ejector | Digital air-saving function |

SCPSi 2-09 G02 NO M12-5

Compact ejector SCPS / SCPSc / SCPSi is delivered as a ready-to-connect product (without connection cable).

Available accessories: connection cable, distributor, DIN rail mount, filter, compressed air connection plate, mounting set, exhaust air set

**Design data**

| | |
|---------------------|-----------|
| Length L1 | 106.00 mm |
| Width B1 | 18.60 mm |
| Height H1 | 99.00 mm |
| Internal diameter d | 4.40 mm |
| Thread G1 | G1/8"-F |
| Thread G2 | G1/8"-F |
| Hole size d3 | 2.6 mm |
| Length L3 | 22.00 mm |
| Hole spacing Y1 | 12.0 mm |
| Hole spacing Y2 | 12.0 mm |
| Hole spacing X1 | 36.9 mm |
| Hole spacing X2 | 16.0 mm |
| Thread G3 | M12x1-M |

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**Technical data**

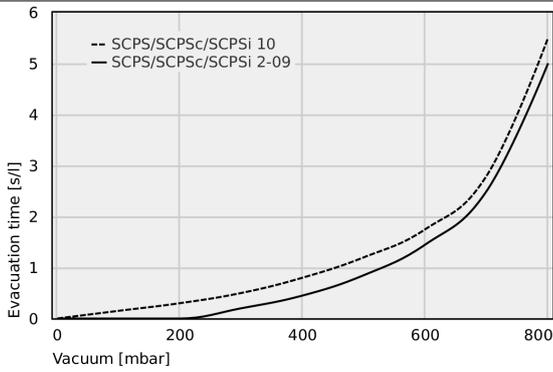
| | |
|---|-----------------|
| Recommended hose internal diameter compressed air | 4.0 mm |
| Recommended hose internal diameter vacuum | 4.0 mm |
| Degree of evacuation | 85.0 % |
| Sound pressure level suction | 62.0 dB(A) |
| Sound pressure level free | 73.0 dB(A) |
| Weight | 0.195 kg |
| Max. air consumption blow-off | 120.0 l/min |
| Air consumption blow-off | 4.237 cfm |
| Air consumption suction | 1.430 cfm |
| Suction rate (max.) | 1.748 cfm |
| Pressure range (operating pressure) [bar] | 3.0 ... 6.0 bar |
| Operating temperature | 0 ... 50 °C |
| Pressure range (operating pressure) [psi] | 43.5 ... 87.0 |
| Max. vacuum | -25.100 inHg |
| Product family | SCPSi |
| Nozzle size | 2-09 |
| Control valve | Normally open |



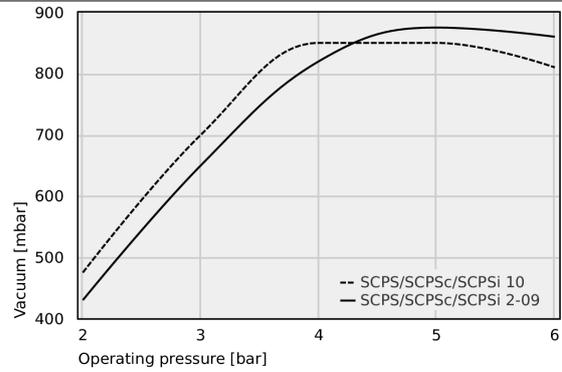
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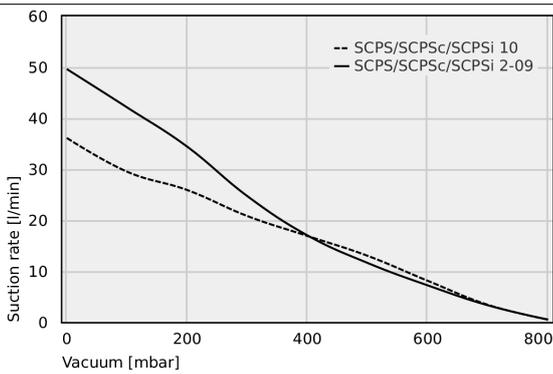
Performance data



Evacuation time for various vacuum ranges [s/l]



Achievable vacuum at various operating pressures



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



Evacuation time for various vacuum ranges [s/l]

| | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
|-----------------------|---|------|-----|-----|------|------|------|-----|-----|
| SCPS/SCPSc/SCPSi 10 | - | 0.15 | 0.3 | 0.5 | 0.8 | 1.2 | 1.75 | 2.8 | 5.5 |
| SCPS/SCPSc/SCPSi 2-09 | - | - | - | 0.2 | 0.45 | 0.85 | 1.45 | 2.5 | 5 |



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**Achievable vacuum at various operating pressures**

| | 2 | 3 | 4 | 5 | 6 | |
|-----------------------|-----|-----|-----|-----|-----|---|
| SCPS/SCPSc/SCPSi 10 | 475 | 700 | 850 | 850 | 810 | - |
| SCPS/SCPSc/SCPSi 2-09 | 430 | 650 | 820 | 875 | 860 | - |

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

| | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
|-----------------------|------|------|------|------|------|------|-----|-----|-----|
| SCPS/SCPSc/SCPSi 10 | 36.1 | 29.5 | 25.9 | 20.8 | 16.9 | 13 | 8.1 | 3.4 | 0.5 |
| SCPS/SCPSc/SCPSi 2-09 | 49.6 | 42.1 | 34.4 | 24.7 | 17.0 | 11.6 | 7.2 | 3.3 | 0.5 |

**Ordering Data Accessories 10.02.02.04367**

| Typ | | Item number |
|---------------------------------|------------------------------|----------------|
| Connection cable | ASK B-M12-5 5000 K-5P | 21.04.05.00080 |
| Distributor | ASV SM/CPi B-M12-5 2x5-M12-4 | 10.02.02.03490 |
| Vacuum filter (inline) | VFI CN6/4 50 | 10.07.01.00241 |
| Vacuum filter (inline) | VFI CN8/6 50 | 10.07.01.00245 |
| Mounting set | SET SCPS | 10.02.02.04343 |
| Exhaust air set | ABL-SET SCPS zweistufig | 10.02.02.04667 |
| Connection cable | ASK B-M12-5 1000 S-M12-5 | 21.04.05.00158 |
| Connection cable | ASK B-M12-5 2000 S-M12-5 | 21.04.05.00211 |
| Compressed-air connection plate | GP 3 SCPS 07..15 G2 | 10.02.02.04884 |
| Compressed-air connection plate | GP 4 SCPS 07..15 G2 | 10.02.02.04338 |
| Compressed-air connection plate | GP 5 SCPS 07..15 G2 | 10.02.02.04858 |
| Compressed-air connection plate | GP 6 SCPS 07..15 G2 | 10.02.02.04837 |
| Compressed-air connection plate | GP 8 SCPS 07..15 G2 | 10.02.02.04937 |
| Top-hat rail clamp comp. | HUT-SN-KL 75x18x9 SCPS | 10.02.02.04149 |

**Ordering Data Spare Parts 10.02.02.04367**

| Typ | | Item number |
|------------------------------|---------------------|----------------|
| Set of wearing parts ejector | VST SCPS-zw-stuf-SD | 10.02.02.04738 |

