

# Schmalz X-Pump

SXMPi 25 IMP H PC 2xM12-5

Part no.:10.02.02.04022

<https://www.schmalz.com/10.02.02.04022>



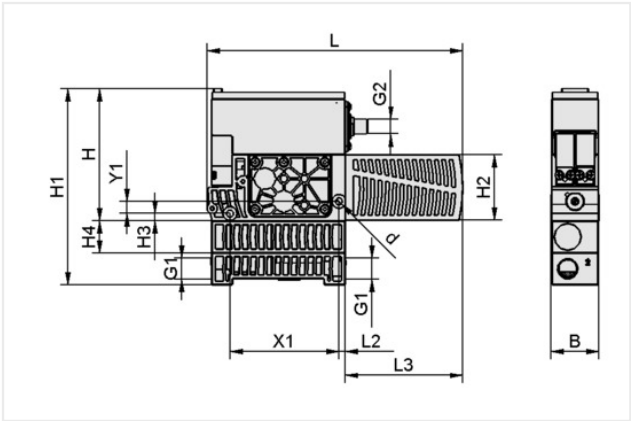
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Compact Ejectors > Compact Ejectors X-Pump SXPi / SXMPi with IO-Link > SXMPi 25 IMP H PC 2xM12-5

## Compact ejector with Condition Monitoring, power blow-off function and pneu. air-saving function



|                                                      |
|------------------------------------------------------|
| Nozzle diameter: 2.5 mm                              |
| Control valve: Double pilot valve                    |
| Electrical connection: 2xConnect M12, 5+5 pol        |
| Communication: IO-Link (Class A)                     |
| Suction rate (max.): 185 l/min                       |
| Air consumption suction: 290 l/min                   |
| Pressure range (operating pressure): 3.0 ... 6.0 bar |
| Max. vacuum: -850 mbar                               |
| Function: Pressure Control                           |
| Sound level free: 67 dB(A)                           |
| Protection type IP: IP 65                            |

## Design Data



| Attribute | Value    |
|-----------|----------|
| B         | 39 mm    |
| B2        | 6.80 mm  |
| d         | 5.50 mm  |
| G1        | G3/8"-F  |
| G2        | M12x1-M  |
| G3        | M5-F     |
| H         | 108 mm   |
| H1        | 160 mm   |
| H2        | 54 mm    |
| H3        | 6 mm     |
| H4        | 26 mm    |
| L         | 210 mm   |
| L2        | 5 mm     |
| L3        | 97 mm    |
| L4        | 35.50 mm |
| X1        | 89 mm    |
| X2        | 42 mm    |
| Y1        | 10 mm    |
| Y2        | 24 mm    |

### Contact Schmalz

Schmalz S.A.S | Le Prométhée, 65 Avenue Général de Gaulle, 77420 Champs sur Marne, France | +33 1 64 731 730 | [schmalz@schmalz.fr](mailto:schmalz@schmalz.fr)

## Schmalz X-Pump

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### Technical Data

| Attribute                                     | Value              |
|-----------------------------------------------|--------------------|
| Nozzle diameter                               | 2.50 mm            |
| Degree of evacuation                          | 85 %               |
| Suction rate (max.)                           | 185 l/min          |
| Suction rate (max.)                           | 11.10 m³/h         |
| Suction rate (max.)                           | 6.53 cfm           |
| Air consumption suction                       | 290 l/min          |
| Air consumption suction                       | 17.40 m³/h         |
| Air consumption suction                       | 10.24 cfm          |
| Sound level free                              | 67 dB(A)           |
| Pressure range (operating pressure)           | 43.5 ... 87.0      |
| Pressure range (operating pressure)           | 3.0 ... 6.0 bar    |
| Max. air consumption blow off                 | 320 l/min          |
| Air consumption blow off                      | 11.30 cfm          |
| Air consumption blow off                      | 19.20 m³/h         |
| Recomm. internal hose diameter compressed air | 8 mm               |
| Recomm. internal hose diameter vacuum         | 9 mm               |
| Control valve                                 | Double pilot valve |
| Weight                                        | 0.91 kg            |
| Operating temperature                         | 0 ... 50 °C        |
| Product family                                | SXMPi              |

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

### Accessories



#### ASK B-M12-5 5000 K-5P

Part no...:21.04.05.00080

Electrical connection: Fem connect M12, 5 pol

Cable length: 5,000 mm

Material hose: PUR cable

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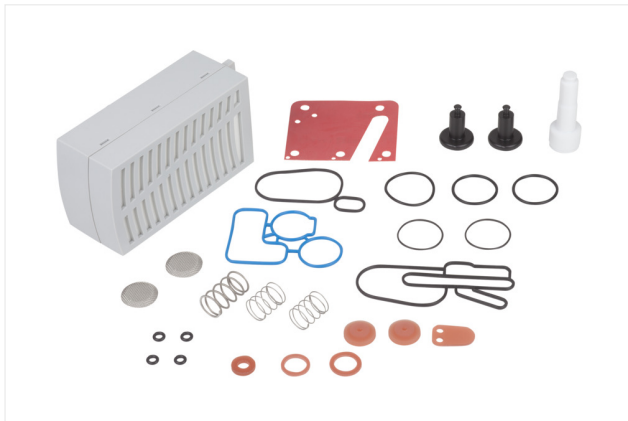
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## Spare parts



VST SXMPI-25-30-SD

Part no.:10.02.02.04543

Construction use: Schmalz X-Pump SXMPi

Size: 25-30-SD

contains: Sieve/silencer/RSV