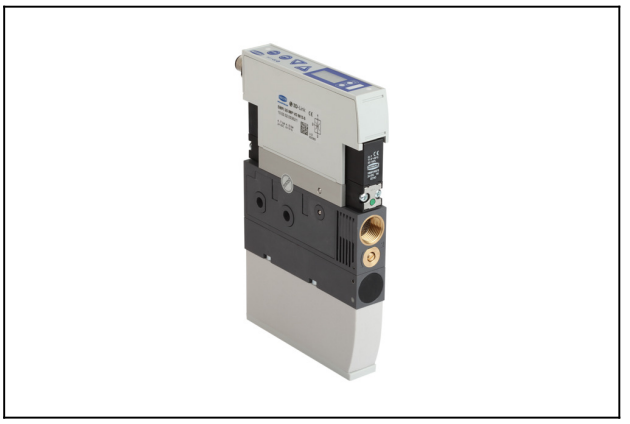
Compact ejector

SMPi 25 IMP VD M12-5

Part no.:10.02.02.03362

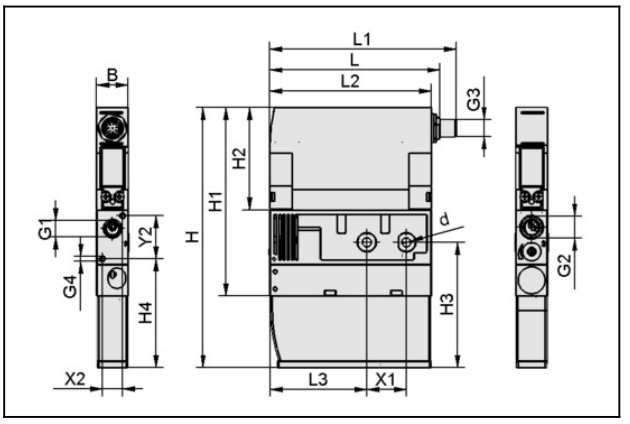
https://www.schmalz.com/10.02.02.03362

Compact ejector "MEGA PUMP" with power blow-off function



Nozzle size: 2,5 mm
Suction rate (max): 185 l/min
Air consumption (during evac.):
290 l/min
Noise level (free): 78 dB
at operating press.: 4.0 ... 7.0 bar
Vacuum (max): -850 mbar
Control: Double pilot valve
with: digital vacuum switch
Electrical connection:
Male connect M12, 5 pol
Protection: IP 65

Design Data



Attribute	Value
B	22 mm
d	6.6 mm
G1	G1/4"-IG
G2	G3/8"-F
G3	M12x1-M
G4	M4-F
H	181.5 mm
H1	131.5 mm
H2	71.5 mm
H3	87.5 mm
H4	76 mm

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Attribute	Value
L	118.5 mm
L1	129.7 mm
L2	112.5 mm
L3	67.5 mm
X1	27.5 mm
X2	14 mm
Y2	30 mm

Technical Data

Attribute	Value
Degree of evacuation	85 %
Suction rate (max.)	11.1 m³/h
Suction rate (max.)	185 l/min
Air consumption suction	17.4 m³/h
Air consumption suction	290 l/min
Max. air consumption blow off	200 l/min
Sound level free	78 dB(A)
Pressure range (operating pressure)	4.0 ... 7.0 bar
Recomm. internal hose diameter compressed air	8 mm
Recomm. internal hose diameter vacuum	9 mm
Control valve	Impulsventil
Nozzle diameter	2.5 mm
Weight	0.56 kg
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	58.0...101.5

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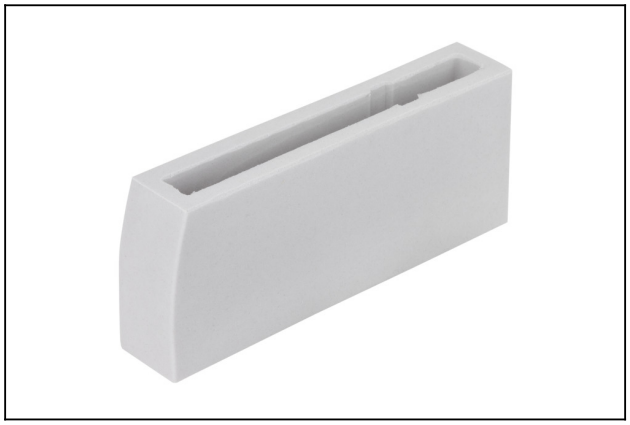
Attribute	Value
Suction rate (max.)	6.533 cfm
Air consumption suction	10.241 cfm
Max. vacuum	-25.1 inHg

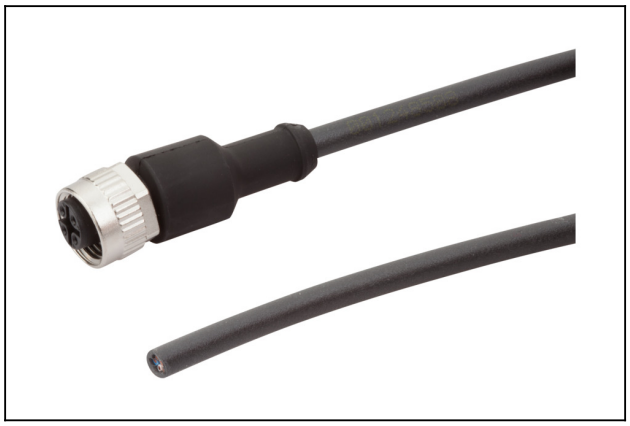
Note: The supply voltage for vacuum switches and solenoid valves is 24V DC Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m

Spare Parts



SD 111x21x45 SMPi/SCPi
Part no.10.02.02.03381
Silencer for vacuum generators
Length L: 111 mm
Width B: 21 mm
Height H: 45 mm
for: Compact ejectors SMPi/SCPi

Accessories



ASK B-M12-5 5000 K-5P
Part no.21.04.05.00080
Connection cable
Interface Connection 1:
Fem connect M12, 5 pol
Cable length: 5000 mm
Interface Connection 2: Cable 5
Material: PUR-Cable
Shape: Straight

Compact ejector

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ASV SMPI/SCPI 3xS-M12-4

Part no.10.02.02.03372

Connection distributor

for: Ejector SMPI/SCPI

Interface Connection cable:

Fem connect M12, 5 pol

Interface Connection cable:

3xConnect M12, 4 pol

Length L: 1075 mm

ASV SMPI/SCPI 2xS-M12-4

Part no.10.02.02.03490

Connection distributor

for: Ejector SMPI/SCPI

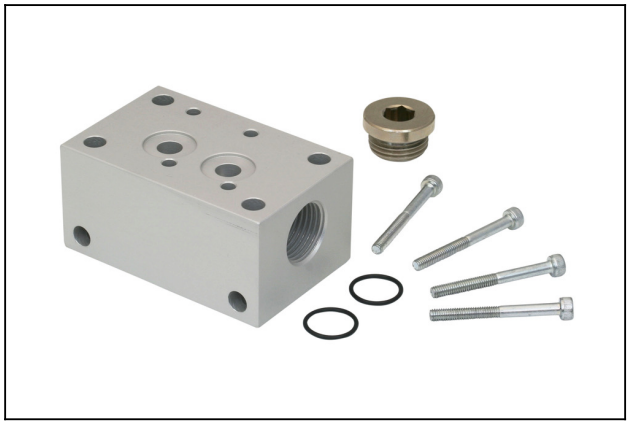
Interface Connection cable:

Fem connect M12, 5 pol

Interface Connection cable:

2xConnect M12, 4 pol

Length L: 1050 mm



GP 2 SMP 15..30/SCP 20..30

Part no.10.02.02.00917

Compressed air distributor for use as a manifold and for building ejector blocks

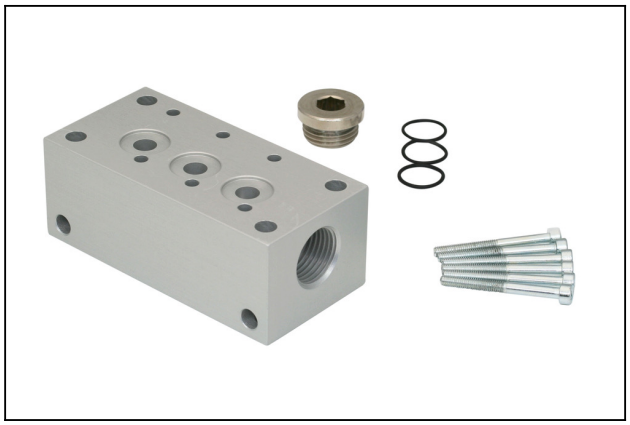
Number of connections: 2

Length L: 78 mm

Width B: 38 mm

Height H: 49.5 mm

for: SMP 15..30/SCP 20..30



GP 3 SMP 15..25/SCP 20..25

Part no.10.02.02.00918

Compressed air distributor for use as a manifold and for building ejector blocks

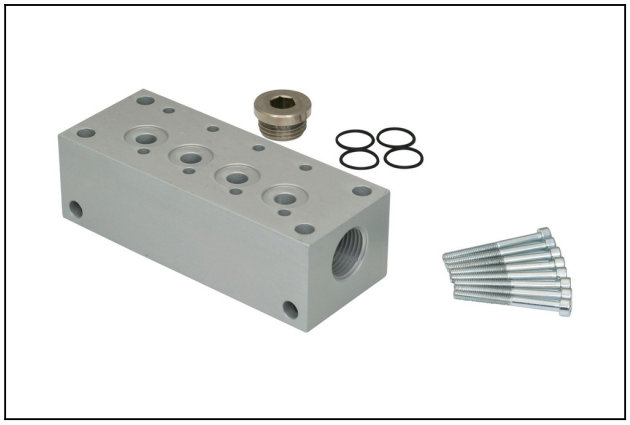
Number of connections: 3

Length L: 101 mm

Width B: 38 mm

Height H: 49.5 mm

for: SMP 15..25/SCP 20..25



GP 4 SMP 15..20/SCP 20

Part no.10.02.02.00919

Compressed air distributor for use as a manifold and for building ejector blocks

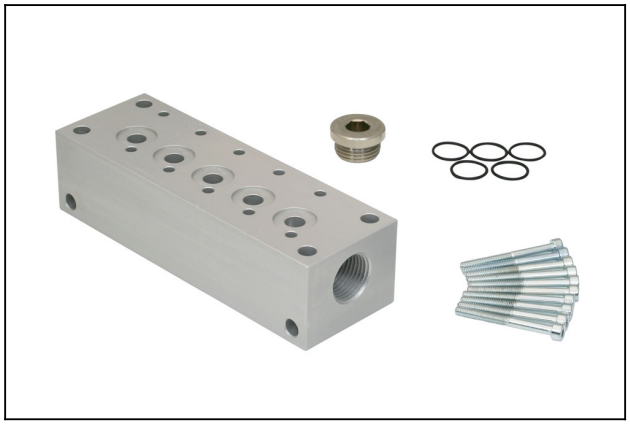
Number of connections: 4

Length L: 124 mm

Width B: 38 mm

Height H: 49.5 mm

for: SMP 15..20/SCP 20



GP 5 SMP 15

Part no.10.02.02.00920

Compressed air distributor for use as a manifold and for building ejector blocks

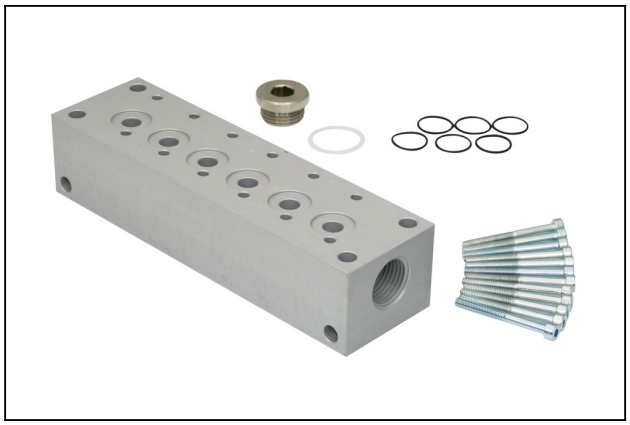
Number of connections: 5

Length L: 147 mm

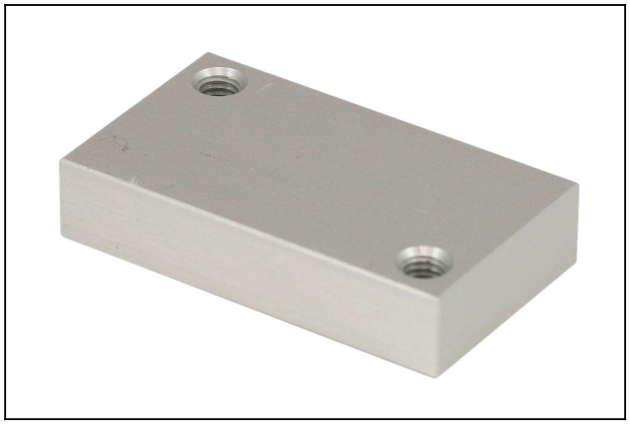
Width B: 38 mm

Height H: 49.5 mm

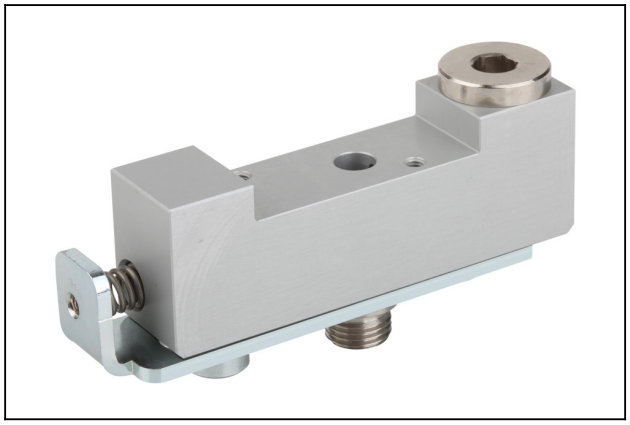
for: SMP 15



GP 6 SMP 15
Part no.10.02.02.00921
Compressed air distributor for use as a manifold and for building ejector blocks
Number of connections: 6
Length L: 170 mm
Width B: 38 mm
Height H: 49.5 mm
for: SMP 15



EJEK-PL SMP(i)15..30/SCP(i)20..30
Part no.10.02.02.00728
Ejector blanking plate
Length L: 38 mm
Width B: 22 mm
Height H: 8 mm
for: SMP(i) 15..30/SCP(i) 20..30



ADP-Q 90.5x22x29.7 SMPi/SCPi
Part no.10.02.02.03463
Baseplate for the construction of ejector blocks
Length L: 90.5 mm
Width B: 22 mm
Height H: 29.7 mm
Number of connections: 1
for: Compact ejectors SMPi/SCPi

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EJEK-TEST SMPi/SCPi

Part no.10.02.02.03588

Ejector tester

for: Compact ejectors SMPi/SCPi

VFT G3/8-IG 80

Part no.10.07.01.00122

Vacuum cup filter with transparent housing and replaceable filter

Connection: G3/8"-F

Shape: Long filter insert

Nominal flow rate: 14.7 m³/h

Filter pore size: 80 µm