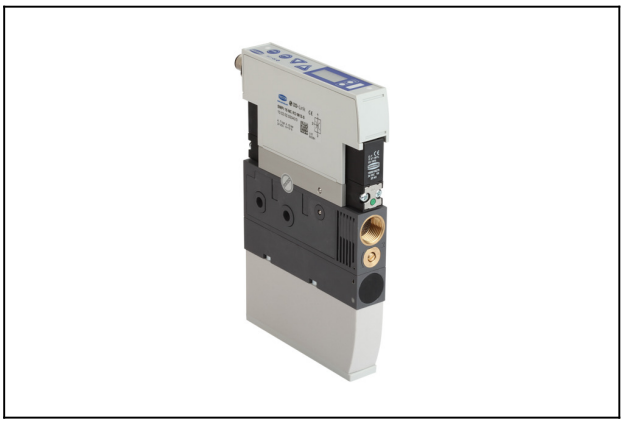
Compact ejector

SMPi 15 NC RD M12-5

Part no.:10.02.02.03340

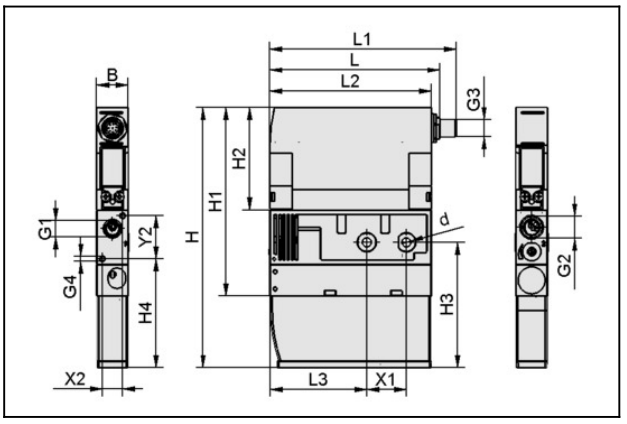
https://www.schmalz.com/10.02.02.03340

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



Nozzle size: 1,5 mm
Suction rate (max): 75 l/min
Air consumption (during evac.):
115 l/min
Noise level (free): 75 dB
at operating press.: 4.0 ... 7.0 bar
Vacuum (max): -850 mbar
Control: Normally closed
with: digital air-saving function
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.)	4.5 m³/h
Suction rate (max.)	75 l/min
Air consumption suction	7.2 m³/h
Air consumption suction	115 l/min
Max. air consumption blow off	200 l/min
Sound level free	75 dB(A)
Pressure range (operating pressure)	4.0 ... 7.0 bar
Recomm. internal hose diameter compressed air	6 mm
Recomm. internal hose diameter vacuum	6 mm
Control valve	Stromlos geschlossen
Nozzle diameter	1.5 mm
Weight	0.56 kg
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	58.0...101.5

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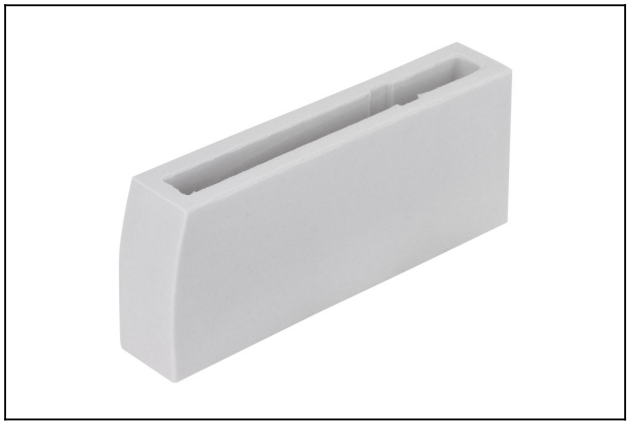
Attribute	Value
Suction rate (max.)	2.648 cfm
Air consumption suction	4.061 cfm
Max. vacuum	-25.1 inHg

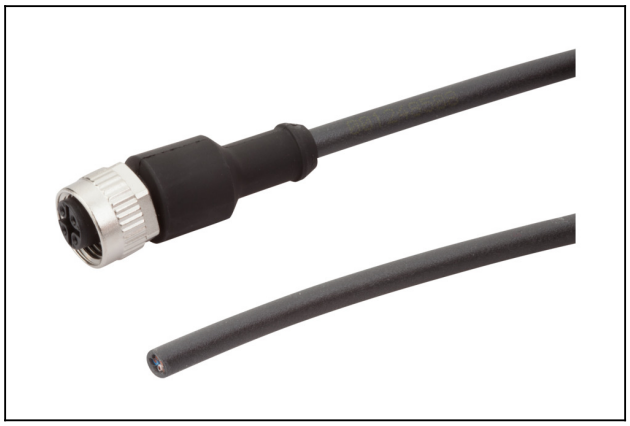
Note: The supply voltage for vacuum switches and solenoid valves is 24V DC Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m

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

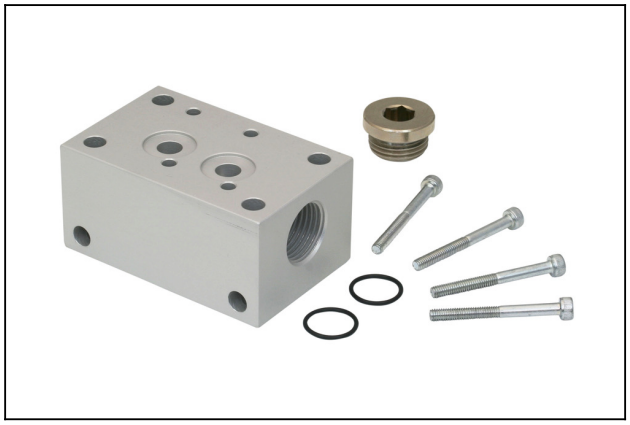
Accessories



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

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



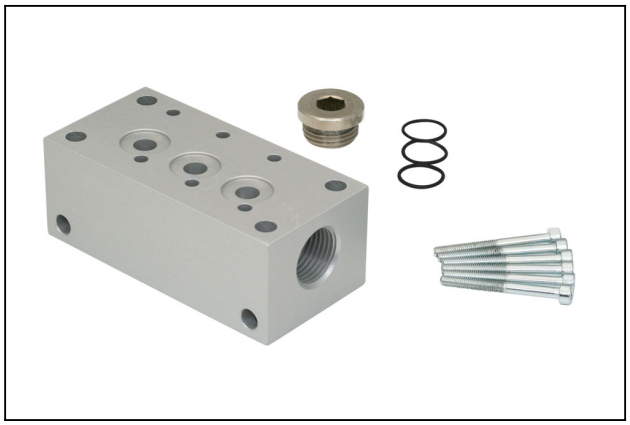
GP 2 SMP 15..30/SCP 20..30
Part no.10.02.02.00917
Compressed air distributor for use as a manifold and for building ejector blocks
Number of connections: 2
Length L: 78 mm
Width B: 38 mm
Height H: 49.5 mm
for: SMP 15..30/SCP 20..30

Compact ejector

SMPi 15 NC RD M12-5

Part no.:10.02.02.03340

https://www.schmalz.com/10.02.02.03340



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

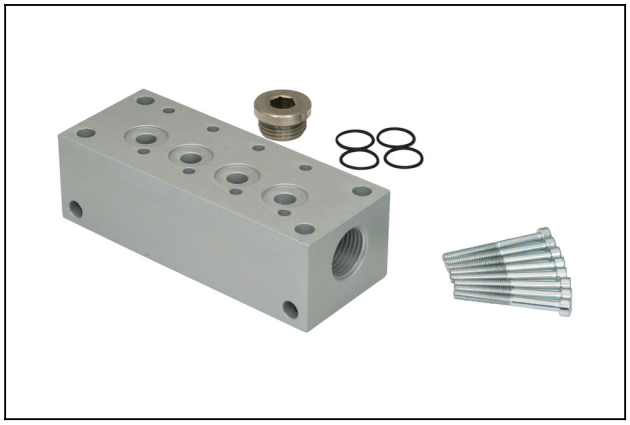
Number of connections: 3

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

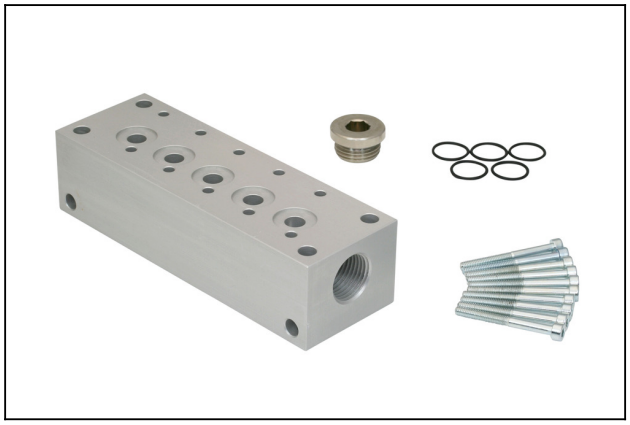
Number of connections: 4

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

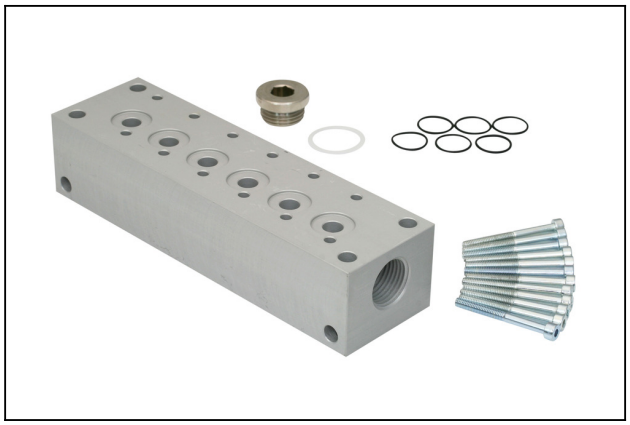
for: SMP 15

Compact ejector

SMPi 15 NC RD M12-5

Part no.:10.02.02.03340

https://www.schmalz.com/10.02.02.03340



GP 6 SMP 15

Part no.10.02.02.00921

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

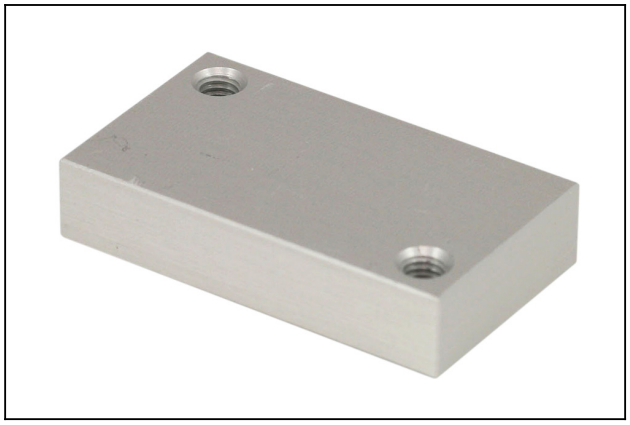
Number of connections: 6

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

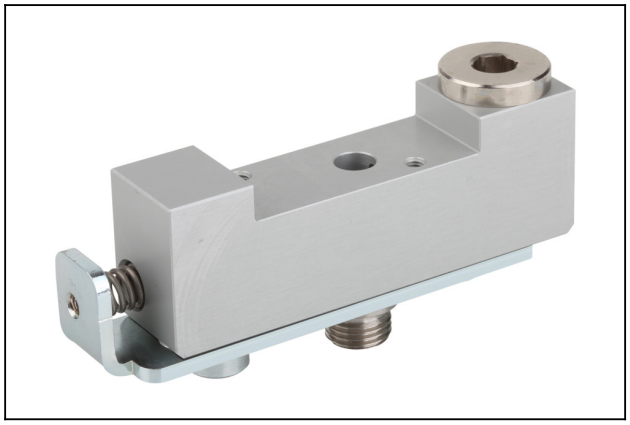
Ejector blanking plate

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

EJEK-TEST SMPi/SCPi

Part no.10.02.02.03588

Ejector tester

for: Compact ejectors SMPi/SCPi

VFT G1/4-IG 80

Part no.10.07.01.00119

Vacuum cup filter with transparent housing and replaceable filter

Connection: G1/4"-F

Shape: Short filter insert

Nominal flow rate: 6.6 m³/h

Filter pore size: 80 µm