Compact ejector

SCPi 15 NC RD M12-5

Part no..:10.02.02.03346

https://www.schmalz.com/10.02.02.03346

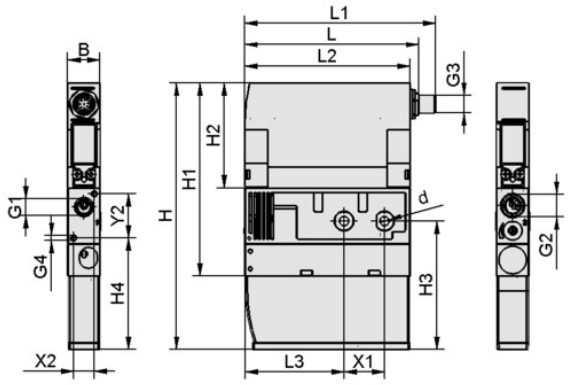
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Compact Ejectors > Compact Ejectors SCPi / SMPi > SCPi 15 NC RD M12-5

Compact ejector with fully integrated functionality



- Nozzle diameter: 1.5 mm
- Suction rate (max.): 75 l/min
- Air consumption suction: 115 l/min
- Pressure range (operating pressure): 4.0 ... 7.0 bar
- Max. vacuum: -850 mbar
- Control valve: Normally closed
- Function: Digital air-saving function
- Electrical connection: Male connect M12, 5 pol
- Protection type IP: IP 65

Design Data



Attribute	Value
B	22 mm
d	6.60 mm
G1	G1/4"-F
G2	G3/8"-F
G3	M12x1-M
G4	M4-F
H	181.50 mm
H1	131.50 mm
H2	71.50 mm
H3	87.50 mm
H4	76 mm
L	118.50 mm
L1	129.70 mm
L2	112.50 mm
L3	67.50 mm
X1	27.50 mm
X2	14 mm
Y2	30 mm

Technical Data

Compact ejector

SCPi 15 NC RD M12-5

Part no..:10.02.02.03346

https://www.schmalz.com/10.02.02.03346

Attribute	Value
Degree of evacuation	85 %
Suction rate (max.)	4.50 m³/h
Suction rate (max.)	75 l/min
Air consumption suction	7.20 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	Normally closed
Nozzle diameter	1.50 mm
Weight	0.56 kg
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	58.0 ... 101.5
Suction rate (max.)	2.65 cfm
Air consumption suction	4.06 cfm
Max. vacuum	-25.10 inHg
Product family	SCPi

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



ASV SM/CPi B-M12-5 3xS-M12-4

Part no..:10.02.02.03372

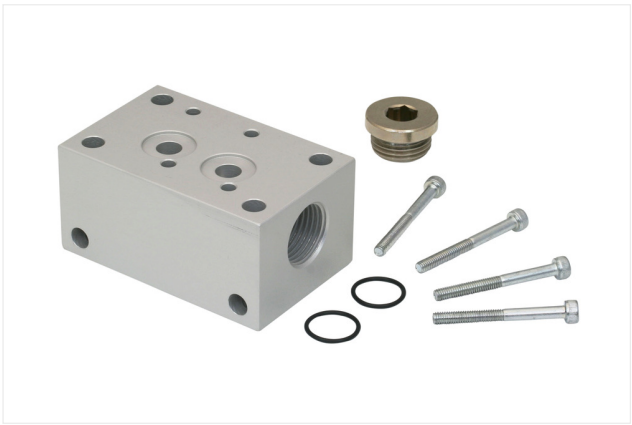
Pressure range (operating pressure): bar
Length L: 1,075 mm



ASV SM/CPi B-M12-5 2xS-M12-4

Part no..:10.02.02.03490

Pressure range (operating pressure): bar
Length L: 1,050 mm



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

Part no..:10.02.02.00917

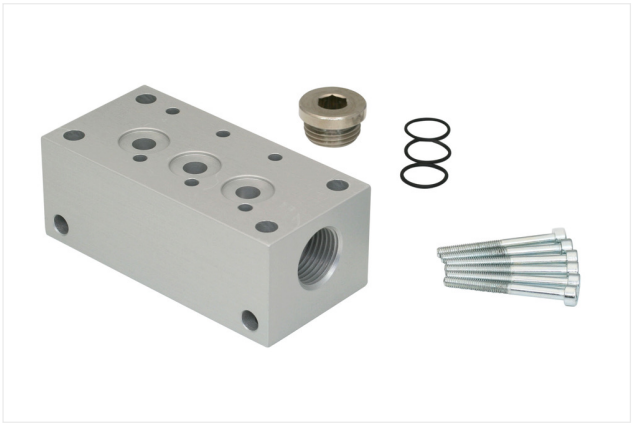
Pressure range (operating pressure): bar
Number of connections: 2
Length L: 78 mm
Width B: 38 mm
Height H: 49.5 mm
Internal diameter d: 7 mm

Compact ejector

SCPi 15 NC RD M12-5

Part no..:10.02.02.03346

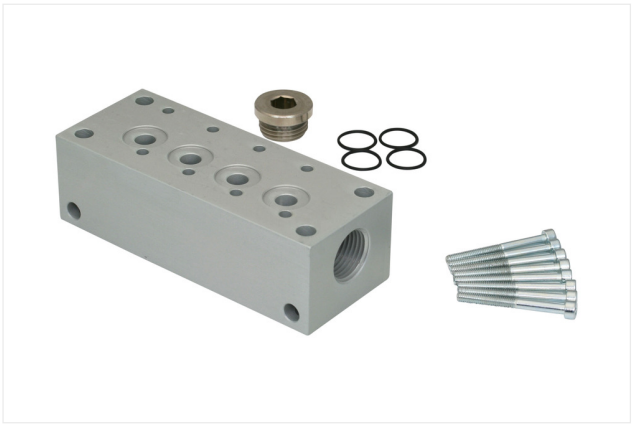
https://www.schmalz.com/10.02.02.03346



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

Part no..:10.02.02.00918

Pressure range (operating pressure): bar
Number of connections: 3
Length L: 101 mm
Width B: 38 mm
Height H: 49.5 mm
Internal diameter d: 7 mm



GP 4 SMP 15..20/SCP 20

Part no..:10.02.02.00919

Pressure range (operating pressure): bar
Number of connections: 4
Length L: 124 mm
Width B: 38 mm
Height H: 49.5 mm
Internal diameter d: 7 mm



GP 5 SMP 15

Part no..:10.02.02.00920

Pressure range (operating pressure): bar
Number of connections: 5
Length L: 147 mm
Width B: 38 mm
Height H: 49.5 mm
Internal diameter d: 7 mm

Compact ejector

SCPi 15 NC RD M12-5

Part no..:10.02.02.03346

https://www.schmalz.com/10.02.02.03346



GP 6 SMP 15

Part no..:10.02.02.00921

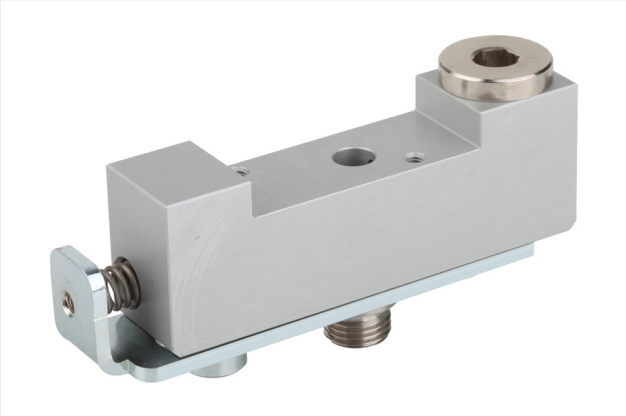
Pressure range (operating pressure): bar
Number of connections: 6
Length L: 170 mm
Width B: 38 mm
Height H: 49.5 mm
Internal diameter d: 7 mm



EJEK-PL SMP(i)15..30/SCP(i)20..30

Part no..:10.02.02.00728

Pressure range (operating pressure): bar
Length L: 38 mm
Width B: 22 mm
Height H: 8 mm
Construction use: Compact ejectors SMP/SCP



ADP-Q 90.5x22x29.7 SMPi/SCPi

Part no..:10.02.02.03463

Pressure range (operating pressure): bar
Number of connections: 1
Length L: 90.5 mm
Width B: 22 mm
Height H: 29.7 mm
Construction use: Compact ejectors SMPI/SCPI
Internal diameter d: 8 mm

Compact ejector

SCPi 15 NC RD M12-5

Part no..:10.02.02.03346

https://www.schmalz.com/10.02.02.03346



EJEK-TEST SMPi/SCPi

Part no..:10.02.02.03588

Construction use: Compact ejectors SMPI/SCPI



VFT G1/4-IG 80

Part no..:10.07.01.00119

Connection: G1/4"-F
Shape: Short filter insert
Nominal flow rate: 110 l/min
Nominal flow rate: 6.6 m³/h
Filter pore size: 80 µm

Spare parts



SD 111x21x45 SMPi/SCPi

Part no..:10.02.02.03381

Length L: 111 mm
Width B: 21 mm
Height H: 45 mm
Construction use: Compact ejectors SMPI/SCPI