Mini compact ejector

SCPMc-Q 10 S04 IMP M8-6 PNP

Art.-Nr.: 10.02.02.08362



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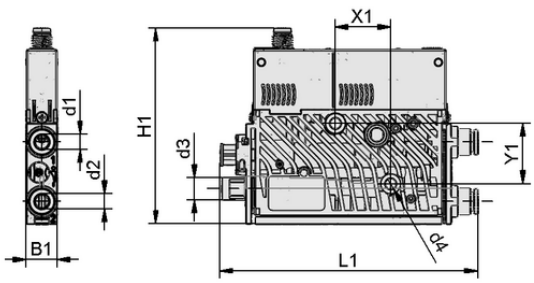
Technical data

Attribute	Value
Construction vacuum switch	PNP switching
Electrical connection	Male connect M8, 6 pole
Protection type IP	IP 40 (with plug)
Nozzle size	1.0 mm
Max. vacuum	870 mbar
Sound pressure level free	71.0 dB(A)
Air consumption suction	45.0 l/min
Suction rate (max.)	28.0 l/min
At operating pressure	4,0 ... 6,0
Connection	Hose D6(1)-D6(2)
Pressure range (operating pressure) [bar]	4.0 ... 6.0 bar
Control valve	Impulse valve

The compact ejector SCPM-Q is delivered as a ready-to-connect product (without a connection cable).

Available spare parts: valve set, piston module, solenoid valve, control unit, nozzle string, main body, basic set

Available accessories: connection cable, mounting kit, connection adapter for SCPM, exhaust air kit, threaded adapter, plug-in screw union, vacuum filter



Design data SCPMc-Q 10 S04 IMP M8-6 PNP

Design data

Attribute	Value
Length L1	102.60 mm
Width B1	12.00 mm
Height H1	77.90 mm
Internal diameter d1	6.2 mm
d2	6.2 mm
Hole size d3	8.7 mm
Hole spacing Y1	24.0 mm
Hole spacing X1	22.0 mm
Hole size d4	4.5 mm

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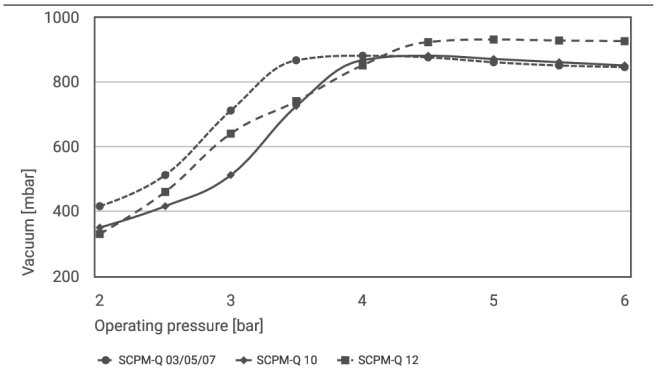
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Technical data

Attribute	Value
Construction vacuum switch	PNP switching
Control valve	IMP
Nozzle size	1.0 mm
Recommended hose internal diameter compressed air	4.0 mm
Recommended hose internal diameter vacuum	4.0 mm
Degree of evacuation	87.0 %
Max. vacuum	870 mbar
Sound pressure level suction	72.0 dB(A)
Sound pressure level free	71.0 dB(A)
Weight	88.50 g
Max. air consumption blow-off	64.0 l/min
Air consumption suction	45.0 l/min
Suction rate (max.)	28.0 l/min
Optimal operating pressure	4.50 bar
Connection	Hose D6(1)-D6(2)
Pressure range (operating pressure) [bar]	4.0 ... 6.0 bar
Operating temperature	0 ... 50 °C
Product family	SCPMc-Q
Electrical connection	M8-6

Performance data



Achievable vacuum at various operating pressures

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Achievable vacuum at various operating pressures

Typ	2	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
SCPM-Q 03/05/07	416	512	711	866	880	875	860	850	845
SCPM-Q 10	350	416	512	725	866	880	870	860	850
SCPM-Q 12	330	460	640	740	850	922	930	927	925

Further documentation

CAD data and other documents relating to the article can be found at: **www.schmalz.com/10.02.02.08362**

Ordering Data Accessories 10.02.02.08362

Typ		Item number
Connection cable	ASK WB-M8-6 2000 K-6P	21.04.05.00488
Connection cable	ASK B-M8-6 5000 K-6P	21.04.05.00255
Connection cable	ASK WB-M8-6 2000 S-M12-5	21.04.05.00489
Distributor	ASV SCPMi B-M8-6 2xS-M12-4	10.02.02.05602
Mounting set	SET SCPMb/c/i-Q	10.02.02.08390
Mounting bracket	BEF-WIN 15x45.6x50 1.5 SCPMb/c/i-Q	10.02.02.08391
Mounting bracket	BEF-WIN 12x45x50 SCPMb/c/i-Q	10.02.02.08392
Exhaust air set	ABL-SET SCPMi/c/b	10.02.02.06080
Thread adapter (inst)	ADP-G M7-IG 10.8x7.9 SCPMi/c/b	10.02.02.05522
Thread adapter (inst)	ADP-G M5-IG 10.5x8.6 SCPMi/c/b	10.02.02.05643
Plug union, straight	STV-GE M5-AG 4	10.08.02.00468
Plug union, straight	STV-GE M7-AG 6	10.08.02.00469
Vacuum filter (inline)	VFI 6/4 50	10.07.01.00328

Ordering Data Spare Parts 10.02.02.08362

Typ		Item number
Controller	STEU 24V-DC NP M8-6 PNP SCPMc	10.02.02.05191
Nozzle body (inst)	DUES-STOC 1/2.5 SCPMicb-Q 10	10.02.02.08246
Basic body (cube-shaped-inst.)	GK 88.25x12x49.7 SCPMicb-Q	10.02.02.07905
Basis Set	SET SCPMicb-Q	10.02.02.08250

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Ordering Data Wear Parts 10.02.02.08362

Typ		Item number
Valve unit	VENT-EINH IMP	10.02.02.08241
Piston (inst.)	KOLB 10.6x70.5	10.02.02.07885
Solenoid valve	EMV 0.7 24V-DC 3/2 NC FLAN	10.05.01.00382

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