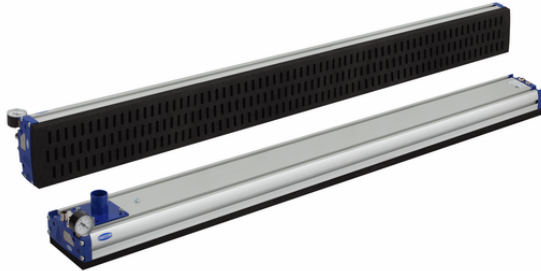


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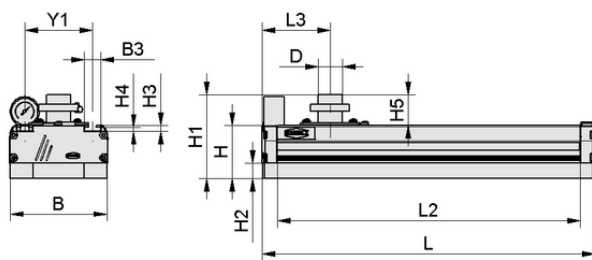
**Technical data**

Attribute	Value
Weight	5.000 kg
Shape fittings	Straight
Max. air consumption blow-off	750.0 l/min
Additional function area gripper	1x control valve vacuum / blow-off
Length L	1,036.00 mm
Width B	130.00 mm
Outside diameter D	60.00 mm
Product family	FMP
Arrangement	3R18

FMP-S-SVK 1036 3R18 O10O10 F G60

- Integrated control valves at FMP-S (optional)
- Control of vacuum on/off (24V DC, normally open) and blow off on/off (24V DC, normally closed), as well as hose accumulator preload and blower ventilation function with version FMP-S
- Integrated in the end cover
- Electrical connection: M12 plug (4-pole)

Available spare parts: sealing foam (DI-PL), suction cup (SPB2)

**Design data**

Attribute	Value
Length L2	996.00 mm
Length L	1,036.00 mm
Width B	130.00 mm
Height H1	116.00 mm
Height H2	20.00 mm
Height H	70.00 mm
Outside diameter D	60.00 mm
Length L3	77.00 mm
Width B3	21.60 mm
Height H3	7.70 mm

Note: Vacuum hose with internal diameter equal to dimension D required. See Technical Data -> Shape

Design data FMP-S-SVK 1036 3R18 O10O10 F G60



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**Technical data**

Attribute	Value
Electrical connection	Male connect M12, 4 pol
Weight	5.000 kg
Additional function area gripper	1x control valve vacuum / blow-off
Number of suction cells	165
Required suction capacity for $p_u = -0.25$ bar	750.0 l/min
Product family	FMP
Arrangement	3R18
Voltage	24V - DC
with	Filter
Sealing element	Sealing Foam
Suction force at -250 mbar	1,370.00 N

Note: Air consumption: At 5.5 bar compressed air input pressure / Suction force: At a vacuum of -0.25 bar and full occupancy of the gripper with a workpiece typical for the application (wooden board with textured surface) / Required suction capacity: The external vacuum generator used must provide at least the specified suction volume (at the vacuum connection piece of the FMP) at a vacuum of -0.25 bar, but max. 135 % of the specified suction volume

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.38.03428

**Ordering Data Accessories 10.01.38.03428**

Typ		Item number
Hose connector, straight (inst)	SCHL-AN 60-79x79x45 FMP-S	10.01.38.03582
Hose connector, bent (inst)	SCHL-AN W 60-79x79x45 FMP-S	10.01.38.03983
Sealing plate (inst)	VRS-PL 79x79x12 SPZ G2-IG	10.01.21.01280

**Ordering Data Spare Parts 10.01.38.03428**

Typ		Item number
Building group Solenoid valve	VENT-BGR FMP-S-50	10.01.38.03682
Masking foil (glued)	MASK-FOL SVK 996 3R18 FXP-FMP	10.01.38.01176



Vacuum Area Gripper

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Ordering Data Wear Parts 10.01.38.03428

Typ		Item number
Sealing plate (inst)	DI-PL 1036-3R18 O10O10 F FXP-FMP	10.01.38.01314



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