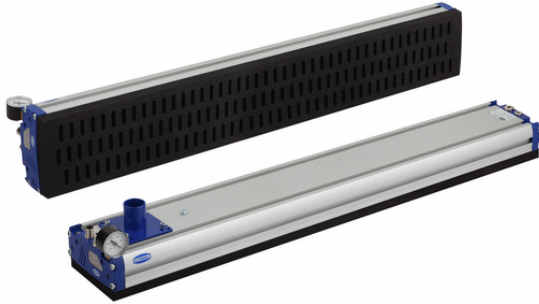


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FMP-S-SVK 640 3R18 O20 G32

Technical data

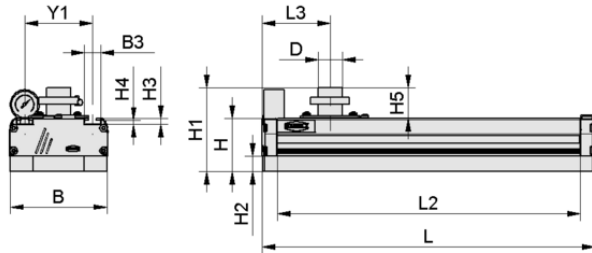
Attribute	Value
Weight	3.500 kg
Shape fittings	Straight
Max. air consumption blow-off	800.0 l/min
Material type	Foam open, height 20 mm
Additional function area gripper	1x control valve vacuum / blow-off
Length L	640.00 mm
Width B	130.00 mm
Outside diameter D	32.00 mm
Product family	FMP
Arrangement	3R18

- 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)



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**Design data**

Attribute	Value
Length L2	600.00 mm
Length L	640.00 mm
Width B	130.00 mm
Height H1	111.00 mm
Height H2	20.00 mm
Height H	70.00 mm
Outside diameter D	32.00 mm
Length L3	77.00 mm
Width B3	21.60 mm
Height H3	7.70 mm
Height H4	5.50 mm
Hole spacing Y1	90.0 mm
Valve type	SVK
Height H5	41.00 mm

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

Design data FMP-S-SVK 640 3R18 O20 G32

**Technical data**

Attribute	Value
Electrical connection	Male connect M12, 4 pol
Weight	3.500 kg
Material type	Foam open, height 20 mm
Number of suction cells	99
Additional function area gripper	1x control valve vacuum / blow-off
Required suction capacity for $p_u = -0.25$ bar	450.0 l/min
Product family	FMP
Arrangement	3R18
Voltage	24V - DC
Sealing element	Sealing Foam
Suction force at -250 mbar	820.00 N

Note: Air consumption: At a compressed air inlet pressure of 5.5 bar / Suction force: At a vacuum of -0.25 bar and with the gripper fully loaded with a workpiece typical for this application (wooden board with a textured surface) / Required suction capacity: The external vacuum generator used must provide at least the specified suction volume (at the FMP's vacuum connection piece) at a vacuum of -0.25 bar, but no more than 135% of the specified suction volume

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.38.03420


WWW.SCHMALZ.COM/10.01.38.03420

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**Discontinued item**

The product family will be discontinued and is available until **31.12.2027**
Starting from this time, the article can no longer be ordered.
alternative article

**Ordering Data Accessories 10.01.38.03420**

Typ		Item number
Hose connector, straight (inst)	SCHL-AN 32-79x79x40 FMP-S	10.01.38.03581
Hose connector, bent (inst)	SCHL-AN W 32-79x79x29 FMP-S	10.01.38.04297
Sealing plate (inst)	VRS-PL 79x79x12 SPZ G2-IG	10.01.21.01280

**Ordering Data Spare Parts 10.01.38.03420**

Typ		Item number
Building group Solenoid valve	VENT-BGR FMP-S-32	10.01.38.03516
Masking foil (glued)	MASK-FOL SVK 600 3R18 FXP-FMP	10.01.38.00317

**Ordering Data Wear Parts 10.01.38.03420**

Typ		Item number
Seal. plate (FXP/FMP/FXP-S/FMP-S)	DI-PL 640x128 3R18 LL-20x7 O20 KE	10.01.38.00405

