

Art.-Nr.: 10.01.38.03443



## Technical data

|                                  |                                    |
|----------------------------------|------------------------------------|
| Weight                           | 2.800 kg                           |
| Shape fittings                   | Straight                           |
| Max. air consumption blow-off    | 800.0 l/min                        |
| Material type                    | Foam open, height 2 x 10 mm        |
| Additional function area gripper | 1x control valve vacuum / blow-off |
| Length L                         | 442.00 mm                          |
| Width B                          | 130.00 mm                          |
| Outside diameter D               | 32.00 mm                           |
| Product family                   | FMP                                |
| Arrangement                      | 5R18                               |

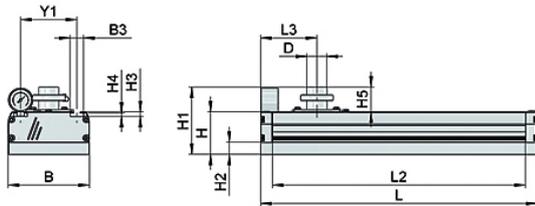
FMP-S-SVK 442 5R18 O10O10 G32

- 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)



Art.-Nr.: 10.01.38.03443

**Design data**

|                    |           |
|--------------------|-----------|
| Length L2          | 402.00 mm |
| Length L           | 442.00 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 442 5R18 O10010 G32

**Technical data**

|   |                                    |
|---|------------------------------------|
| Electrical connection                           | Male connect M12, 4 pol            |
| Weight  | 2.800 kg                           |
| Material type                                   | Foam open, height 2 x 10 mm        |
| Number of suction cells                         | 110                                |
| Additional function area gripper                | 1x control valve vacuum / blow-off |
| Required suction capacity for $p_u = -0.25$ bar | 300.0 l/min                        |
| Product family                                  | FMP                                |
| Arrangement                                     | 5R18                               |
| Voltage   | 24V - DC                           |
| Sealing element                                 | Sealing Foam                       |
| Suction force at -250 mbar                      | 430.00 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



31.12.2027



Art.-Nr.: 10.01.38.03443

**Ordering Data Accessories 10.01.38.03443**

| Typ                             |                                   | Item number    |
|---------------------------------|-----------------------------------|----------------|
| Cover (complex)                 | ABDK-PROF-10x7x1450-KU-SW-FXP-FMP | 26.07.03.00002 |
| Flange plate                    | FLAN-PL 120x85x10 ST FLGR         | 10.01.10.05701 |
| Flexolink                       | FLK G1/2-IG G1/2-AG               | 10.01.03.00175 |
| Suspension, flexible            | FST-FLEX 25 HD1 G1/2-AG G3/8-IG   | 10.01.10.05697 |
| Suspension, flexible            | FST-FLEX 25 HD2 G1/2-AG G3/8-IG   | 10.01.10.05695 |
| Suspension, flexible            | FST-FLEX 50 HD1 G1/2-AG G3/8-IG   | 10.01.10.05687 |
| Suspension, flexible            | FST-FLEX 50 HD2 G1/2-AG G3/8-IG   | 10.01.10.05168 |
| Suspension, flexible            | FST-FLEX 75 HD1 G1/2-AG G3/8-IG   | 10.01.10.05698 |
| Suspension, flexible            | FST-FLEX 75 HD2 G1/2-AG G3/8-IG   | 10.01.10.05696 |
| Suspension, rigid               | FST-STARR 25 HD1 G1/2-AG G3/8-IG  | 10.01.10.05810 |
| Suspension, rigid               | FST-STARR 25 HD2 G1/2-AG G3/8-IG  | 10.01.10.05806 |
| Suspension, rigid               | FST-STARR 50 HD1 G1/2-AG G3/8-IG  | 10.01.10.05809 |
| Suspension, rigid               | FST-STARR 50 HD2 G1/2-AG G3/8-IG  | 10.01.10.05805 |
| Suspension, rigid               | FST-STARR 75 HD1 G1/2-AG G3/8-IG  | 10.01.10.05808 |
| Suspension, rigid               | FST-STARR 75 HD2 G1/2-AG G3/8-IG  | 10.01.10.05803 |
| Flange module                   | MOD-FLAN 120x120 FXP-FMP          | 10.01.21.00244 |
| Mounting set reed switch        | SET fuer-Sensor(FXP/FMP)          | 10.01.38.01194 |
| Mounting set                    | SET FXC-FMC                       | 10.01.21.01291 |
| Mounting set                    | SET FXP-FMP                       | 10.01.21.02407 |
| Mounting set                    | SET FXP-FMP 4NUTSTEIN G20         | 10.01.21.00243 |
| Dust filter                     | STF G1-1/4-IG N                   | 10.07.01.00008 |
| Vacuum gauge                    | VAM 40 V U BAR                    | 10.07.02.00046 |
| Valve unit                      | VENT-EINH 8/6 NC 24V-DC           | 10.01.21.02405 |
| Vacuum hose (meter)             | VSL 42-32 PU-DS-AS TR             | 10.07.09.00036 |
| Vacuum switch (inst)            | VS-MONT 50x15.8x25 VS             | 10.06.02.00343 |
| Vacuum switch (inst)            | VS-MONT 76.5x19 VSi FXP-FMP       | 10.01.38.02485 |
| Vacuum distributor              | VTR-SL 3x RST60 2xD32             | 10.01.43.00013 |
| Connection cable                | ASK B-M12-5 5000 K-5P             | 21.04.05.00080 |
| Vacuum hose (meter)             | VSL 8-6 PU MI-TR                  | 10.07.09.00003 |
| Flange plate                    | FLAN-PL 120x120x10 FXC-FMC        | 10.01.21.00313 |
| Flexolink                       | FLK G1/2-IG G1/2-AG V             | 10.01.03.00207 |
| 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 10.01.38.03443**

| Typ                           |                               | Item number    |
|-------------------------------|-------------------------------|----------------|
| Building group Solenoid valve | VENT-BGR FMP-S-32             | 10.01.38.03516 |
| Masking foil (glued)          | MASK-FOL SVK 402 5R18 FXP-FMP | 10.01.38.00520 |



Vacuum Area Gripper

# FMP-S-SVK 442 5R18 O10O10 G32



Art.-Nr.: 10.01.38.03443



Ordering Data Wear Parts 10.01.38.03443

| Typ                  |                               | Item number    |
|----------------------|-------------------------------|----------------|
| Sealing plate (inst) | DI-PL 442-5R18 O10O10 FXP-FMP | 10.01.38.00864 |



[WWW.SCHMALZ.COM/10.01.38.03443](http://WWW.SCHMALZ.COM/10.01.38.03443)