

Art.-Nr.: 10.01.38.00644



## Technical data

| Attribute          | Value                       |
|--------------------|-----------------------------|
| Weight             | 3.600 kg                    |
| Shape fittings     | Straight                    |
| Material type      | Foam open, height 2 x 10 mm |
| Length L           | 838.00 mm                   |
| Width B            | 130.00 mm                   |
| Outside diameter D | 60.00 mm                    |
| Product family     | FMP                         |
| Arrangement        | 5R18                        |

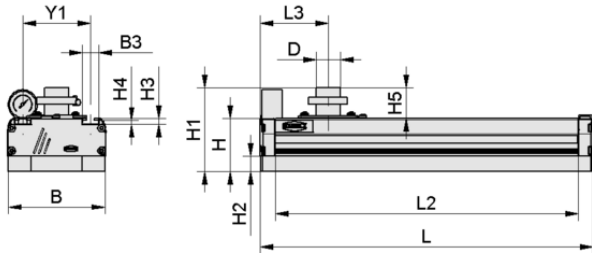
FMP-SVK 838 5R18 O10O10 G60

- 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)



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### Design data

| Attribute          | Value     |
|--------------------|-----------|
| Length L2          | 798.00 mm |
| Length L           | 838.00 mm |
| Width B            | 130.00 mm |
| Height H1          | 106.00 mm |
| Height H2          | 20.00 mm  |
| Height H           | 65.00 mm  |
| Outside diameter D | 60.00 mm  |
| Length L3          | 90.00 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          | 46.00 mm  |

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

Design data FMP-SVK 838 5R18 O10O10 G60



### Technical data

| Attribute                                       | Value                       |
|---|-----------------------------|
| Weight  | 3.600 kg                    |
| Material type                                   | Foam open, height 2 x 10 mm |
| Number of suction cells                         | 220                         |
| Required suction capacity for $p_u = -0.25$ bar | 600.0 l/min                 |
| Product family                                  | FMP                         |
| Arrangement                                     | 5R18                        |
| Sealing element                                 | Sealing Foam                |
| Suction force at -250 mbar                      | 840.00 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/10.01.38.00644](http://www.schmalz.com/10.01.38.00644)



[WWW.SCHMALZ.COM/10.01.38.00644](http://WWW.SCHMALZ.COM/10.01.38.00644)

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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 10.01.38.00644**

| Typ                             |                                   | Item number    |
|---------------------------------|-----------------------------------|----------------|
| Cover (complex)                 | ABDK-PROF-10x7x1450-KU-SW-FXP-FMP | 26.07.03.00002 |
| Solenoid valve                  | EMVP 50 24V-DC 3/2 NO             | 10.05.02.00069 |
| 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 60 P 4.5 SSD                  | 10.07.01.00259 |
| 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 71-60 PU-DS-AS TR             | 10.07.09.00034 |
| Vacuum switch (inst)            | VS-MONT 50x15.8x25 VS             | 10.06.02.00343 |
| Vacuum switch (inst)            | VS-MONT 84x21x34.5 VSi-V FMP      | 10.01.38.04053 |
| Vacuum distributor              | VTR-SL 3x RST60                   | 10.01.10.02779 |
| 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, bent (inst)     | SCHL-AN W 60-79x79x45 FMP         | 10.01.38.00300 |
| Hose connector, straight (inst) | SCHL-AN 60-79x79x45 FMP           | 10.01.38.00301 |
| Sealing plate (inst)            | VRS-PL 79x79x12 SPZ G2-IG         | 10.01.21.01280 |



Area Gripper

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## Ordering Data Spare Parts 10.01.38.00644

| Typ                  |                               | Item number    |
|----------------------|-------------------------------|----------------|
| Masking foil (glued) | MASK-FOL SVK 798 5R18 FXP-FMP | 10.01.38.00522 |



## Ordering Data Wear Parts 10.01.38.00644

| Typ                  |                               | Item number    |
|----------------------|-------------------------------|----------------|
| Sealing plate (inst) | DI-PL 838-5R18 O10O10 FXP-FMP | 10.01.38.00866 |



[WWW.SCHMALZ.COM/10.01.38.00644](http://WWW.SCHMALZ.COM/10.01.38.00644)