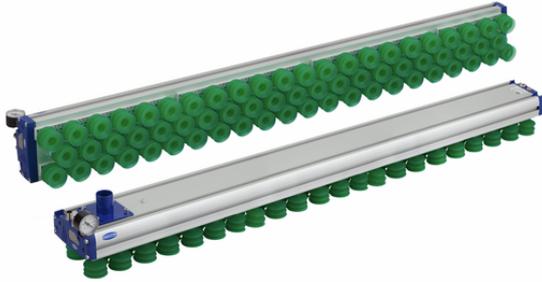


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Technical data

| | |
|----------------------------------|------------------------------------|
| Construction vacuum switch | PNP switching |
| Weight | 6.500 kg |
| Shape fittings | Straight |
| Max. air consumption blow-off | 800.0 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 | 3R54 |

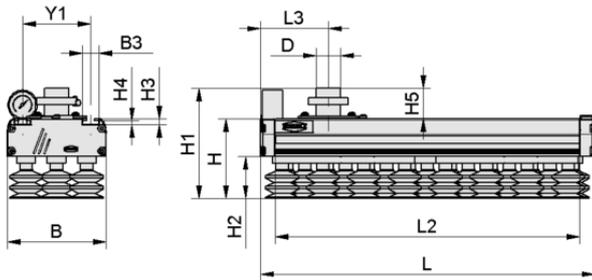
FMP-S-SW140 1036 3R54 SPB2-40P G60

- 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**

| | |
|--------------------|-------------|
| Length L2 | 996.00 mm |
| Length L | 1,036.00 mm |
| Width B | 130.00 mm |
| Height H1 | 150.40 mm |
| Height H2 | 55.00 mm |
| Height H | 104.80 mm |
| Outside diameter D | 60.00 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 | SW |
| Height H5 | 46.00 mm |

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

Design data FMP-S-SW140 1036 3R54 SPB2-40P G60

**Technical data**

| | |
|---|------------------------------------|
| Weight | 6.500 kg |
| Number of suction cells | 56 |
| Additional function area gripper | 1x control valve vacuum / blow-off |
| Required suction capacity for $p_u = -0.25$ bar | 750.0 l/min |
| Product family | FMP |
| Arrangement | 3R54 |
| Voltage | 24V - DC |
| Sealing element | Suction Cups |
| Suction force at -250 mbar | 485.00 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



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**Ordering Data Accessories 10.01.38.03482**

| 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 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 76.5x19 VSi FXP-FMP | 10.01.38.02485 |
| Vacuum distributor | VTR-SL 3x RST60 | 10.01.10.02779 |
| 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 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 10.01.38.03482**

| Typ | | Item number |
|-------------------------------|-------------------|----------------|
| Building group Solenoid valve | VENT-BGR FMP-S-50 | 10.01.38.03682 |



Vacuum Area Gripper

FMP-S-SW140 1036 3R54 SPB2-40P G60



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Ordering Data Wear Parts 10.01.38.03482

| Typ | | Item number |
|-----------------------------|-----------------|----------------|
| Bellows suction cup (round) | SPB2 40 SI-55 P | 10.01.06.03126 |



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