

Art.-Nr.: 10.01.38.00973

**Technical data**

Attribute	Value
Nozzle diameter	0.9 mm
Construction vacuum switch	PNP switching
Weight	2.900 kg
Voltage DC	24 V - DC
Air consumption [l/min]	250.0 l/min
Design vacuum generator	Multi-stage ejector SEMP
Additional function area gripper	1x control valve vacuum / blow-off
Number of suction cells	55
Length L	442.00 mm
Width B	130.00 mm

FXP-S-SW90 442 5R36 SPB2-20-P F

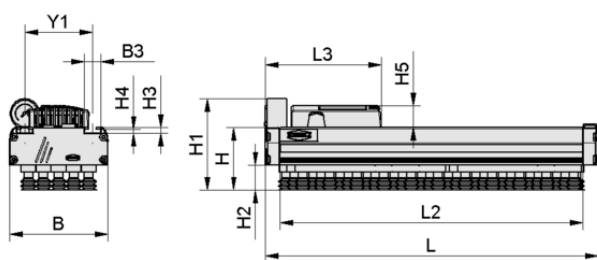
- Integrated control valves at FXP-S (optional)
- Control of vacuum on/off (24V DC, normally open) and blow off on/off (24V DC, normally closed) on version FXP-S
- Integrated in the end cover
- Electrical connection: M12 plug (4-pole)

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

Design data

Attribute	Value
Length L2	402.00 mm
Length L	442.00 mm
Width B	130.00 mm
Height H1	122.00 mm
Height H2	33.00 mm
Height H	83.00 mm
Length L3	154.00 mm
Width B3	21.60 mm
Height H3	7.70 mm
Height H4	5.50 mm

Permissible dimensional tolerances for elastomer parts according to DIN ISO 3302-1 M3 Note: Two ejectors and silencer box covers are used for the 1,234 mm and 1,432 mm lengths. Type FXP requires compressed air hose 12/9 mm.



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**Technical data**

Attribute	Value
Weight	2.900 kg
Air consumption [l/min]	250.0 l/min
Additional function area gripper	1x control valve vacuum / blow-off
Number of suction cells	55
Suction rate (max.)	1,050.0 l/min
Product family	FXP
Arrangement	5R36
Voltage	24V - DC
with	Filter
Sealing element	Suction Cups
Suction force at -250 mbar	140.00 N
Sound level: 74 dB(A) Max. degree of evacuation 55 %	

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.38.00973

**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



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**Ordering Data Accessories 10.01.38.00973**

Typ		Item number
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
Flange module	MOD-FLAN 176.6x118 FXP	10.01.38.01722
Vacuum switch (inst)	VS-MONT 84x21x34.5 VSi-V FXP	10.01.38.02691
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
Vacuum gauge	VAM 40 V U BAR	10.07.02.00046
Vacuum hose (meter)	VSL 12-9 PU MI-TR	10.07.09.00037
Sliding block	NUT-STEI 20x20 M8-IG 10	25.09.06.00012
Sliding block	NUT-STEI 20x20 M6-IG 10	25.09.06.00036
Cover (complex)	ABDK-PROF-10x7x1450-KU-SW-FXP-FMP	26.07.03.00002
Connection cable	ASK B-M12-5 5000 K-5P	21.04.05.00080
Flange plate	FLAN-PL 120x120x10 FXC-FMC	10.01.21.00313
Flexolink	FLK G1/2-IG G1/2-AG V	10.01.03.00207
Vacuum switch (inst)	VS-MONT 76.5x19 VSi FXP-FMP	10.01.38.02485

**Ordering Data Spare Parts 10.01.38.00973**

Typ		Item number
Set of spare parts	ERS FXP-S-SEMP-50 DECKEL	10.01.38.02190
Masking foil (glued)	MASK-FOL SW90 402 5R36 FXP-FMP	10.01.38.00530
Silencer (cube-shaped-inst.)	SD 120x79x29 FXP	10.01.38.01607



Area Gripper

FXP-S-SW90 442 5R36 SPB2-20-P F



Art.-Nr.: 10.01.38.00973



Ordering Data Wear Parts 10.01.38.00973

Typ		Item number
Bellows suction cup (round)	SPB2 20 SI-40 P F	10.01.38.00465



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