

**Robot kit**  
**ROB-SET FXCB UR**

Part no.:10.01.43.00064

<https://www.schmalz.com/10.01.43.00064>



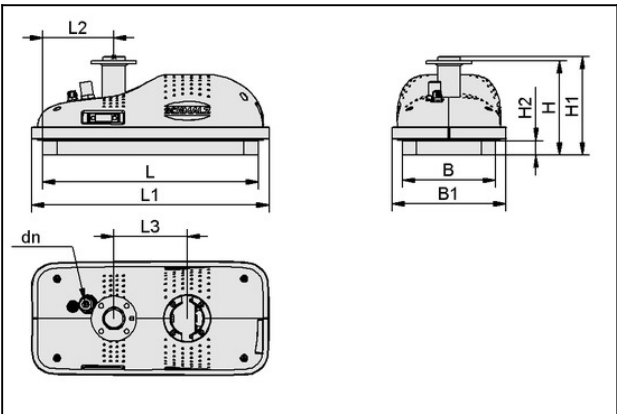
Homepage > Vacuum Technology for Automation > Vacuum Components > Area Gripping Systems and End Effectors > Vacuum Area Gripping Systems FXCB/FMCB > Robot Set FXCB > ROB-SET FXCB UR

**Complete vacuum system for connecting to lightweight robots**



with: area gripper FXCB  
for: Universal Robots  
Type: 3,5,10,16

**Design Data**



Attribute	Value
B	130 mm
B1	159 mm
H	131.4 mm
H1	137.4 mm
H2	20 mm
L	300 mm
L1	331 mm
L2	99 mm
L3	102 mm
dn	10 mm

**Contact to Schmalz**

Schmalz Vacuum Technology Ltd. | 2900 Argentia Rd, Mississauga, ON L5N 7X9, Kanada | +1 905 569 9520 | [schmalz@schmalz.ca](mailto:schmalz@schmalz.ca)

## Robot kit ROB-SET FXCB UR

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### Technical Data

Attribute	Value
Weight	1.85 kg
Suction rate (max.)	525.9 l/min
Material type	Foam O, height 20 mm
Number of suction cells	45
Maximum load	8 kg

The technical properties of the robot types may vary by region. The stated compatibility of the set is based on standard European models.

### Spare Parts



#### **MASK-FOL SW110 294 3R18 FLGR**

Part no.10.01.11.03375

Front foil

Length L: 294 mm

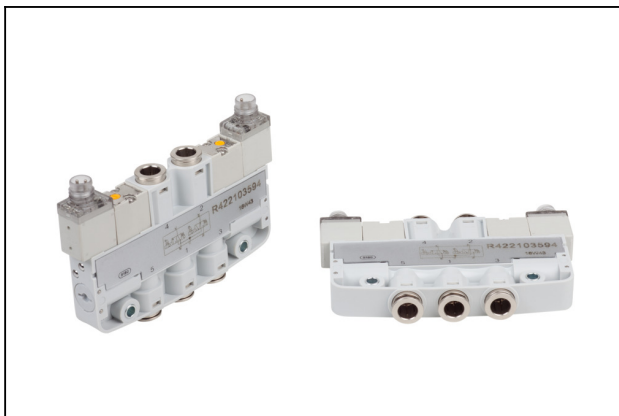
Width B: 109.8 mm

Arrangement: 3 rows, 18mm

Shape: flow resistors

Nozzle diameter: 1.1 mm

for: Large-area vacuum gripper



#### **EMVP 2.35 24V-DC 2x3/2 NO/NC CAR**

Part no.10.01.11.03420

Solenoid valve EMVP for vacuum, pneumatic pilot control

Nominal size: 2.35 mm

Voltage: 24V - DC

Function: 2x 3/2-way valve

Control: Optionally NO/NC

Pressure range (operating pressure):

3.00 ... 7.00 bar

Shape: Cartridge

Nominal flow rate: 15 m³/h

Weight: 0.064 kg

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### DI-PL 300x130 3R18 LL-20x7 O20 KE

Part no.10.01.11.03658

Sealing plate (FXCB/FMCB)

Length L: 300 mm

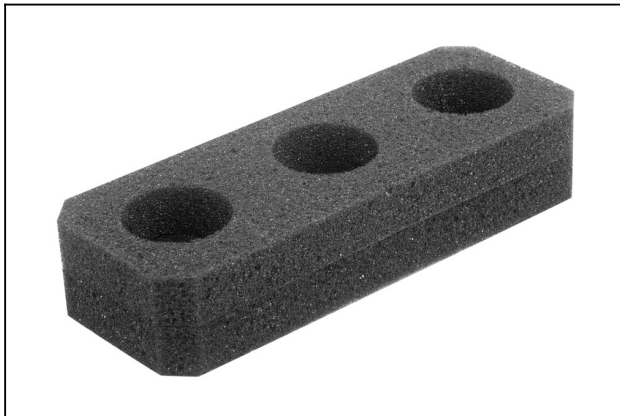
Width B: 130 mm

Arrangement: 3 rows, 18mm

Cell size: slot 20x7mm

Material-Type: Foam O, Height 20 mm

with: Adhesive tape on one side



### SD 97x34x20 FXCB

Part no.10.01.43.00005

Silencer for vacuum generators

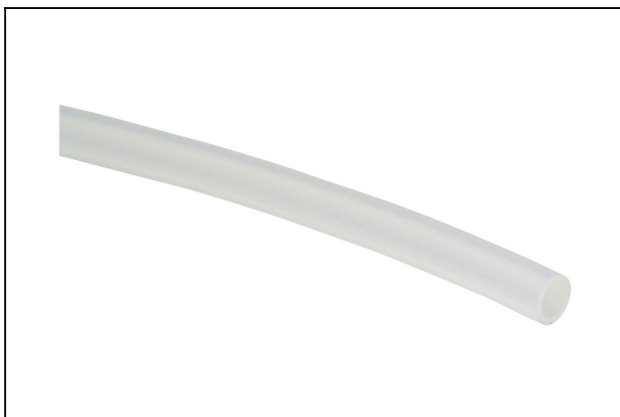
Length L: 97 mm

Width B: 34 mm

Height H: 20 mm

for: area gripper FXCB

## Accessories



### VSL 10-7 PU

Part no.10.07.09.00084

Hose for vacuum and compressed-air systems

External diameter D: 10 mm

Internal diameter d: 7 mm

Length (max): 50 m

Material: PU

Installation radius (min): 60 mm

Colour: Transparent

Pressure range (operating pressure):

-0.95 ... 10.00 bar

Ambient temperature: -40 ... 85 °C

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