

Area Gripping System

FQE-V Xc R 230x120 SW80 SPB2 F

Part no...:10.01.44.00580

<https://www.schmalz.com/10.01.44.00580>

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Large-area vacuum gripping system with flow resistances



Shape: Integrated vacuum generation

Form: Rectangular

Length L: 230 mm

Width B: 120 mm

Height H: 92.6 mm

Nozzle diameter: 0.8 mm

Add. function: Filter

Suct. cups: Bellows suction cups SPB2

Diameter D_s: 20 mm

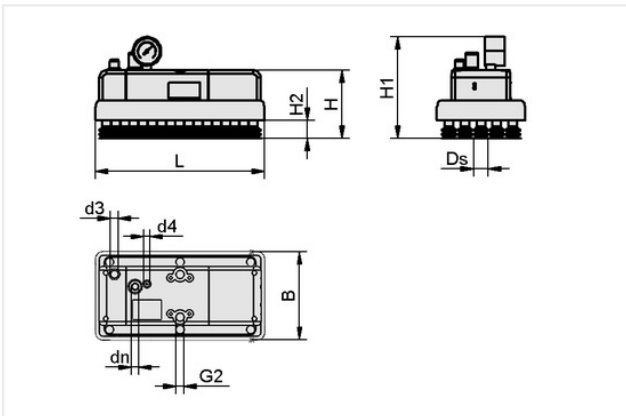
Number of suction cells: 42

Number of ejectors: 3

Design: Ejector module SEP

Control valve: Normally open

Design Data



Attribute	Value
B	120 mm
dn	10 mm
D _s	20 mm
G2	M5-F
H	92.60 mm
H1	118.60 mm
H2	24.30 mm
L	230 mm
Suction cup type	Bellows suction cups SPB2

Technical Data

Attribute	Value
Shape	Integrated vacuum generation
Form	Rectangular
Nozzle diameter	0.80 mm
Control valve	Normally open

Contact Schmalz

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Construction shape vacuum switch	PNP switching
Number of suction cells	42

Accessories



ASK B-M12-5 5000 K-5P

Part no...:21.04.05.00080

Electrical connection: Fem connect M12, 5 pol

Cable length: 5,000 mm

Material hose: PUR cable



ASK WB-M12-5 5000 K-4P

Part no...:21.04.05.00557

Electrical connection: Elbow fem con M12, 5pol

Material hose: PUR cable

Cable length: 5,000 mm



VAM 40 V U BAR

Part no...:10.07.02.00046

External diameter D: 40 mm

Measuring range: -1,00 ... 0,00 bar

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VSi V D M8-4

Part no...:10.06.02.00577

Measuring range: -1,0 ... 0,0 bar

Construction shape vacuum switch: with display

Electrical connection: Male connect M8, 4 pole

Indication: 2xLED

Protection type IP: IP 65

Spare parts



GK 73.9x80.5x41.2 FQE

Part no...:10.01.44.00030

Length L: 73.9 mm

Width B: 80.5 mm



SW 100 P 7.3

Part no...:10.05.04.00091

Shape: Push In

Length L: 15.5 mm

Material: Polyoxymethylene

External diameter D: 7.3 mm

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SPB2 20 SI-40 P

Part no...:10.01.06.03125

Size: 20

Suction cup material: Silicone SI

Material hardness [Shore A]: 40 Shore A

Number of folds: 2.5

Shape: Push In



FD 16 120

Part no...:10.01.06.02565

External diameter D: 16 mm

Filter pore size: 120 µm

Construction use: Bellows suction cup

Size: FG20/FGA20