

Bell suction cup (oval)

SAOXM 100x40 ED-85 M14x1.5-AG

Part no.:10.01.24.00031

<https://www.schmalz.com/10.01.24.00031>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Bell-Shaped Suction Cups SAOXM (Oval) > SAOXM 100x40 ED-85 M14x1.5-AG

High-Speed bell shaped suction cup for (oval) very dynamic handling of smooth and oily workpieces



Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: M14x1.5-AG

Add. function: Friction disc

Design Data



Attribute	Value
Bmax(S)	51 mm
Bs	41.60 mm
dn	5.10 mm
G1	M14x1.5-M
H	39.20 mm
LG1	8 mm
Lmax(S)	109 mm
Ls	101.80 mm
SW1	22 mm
SW2	5 mm
SW3	6 mm
Z (Stroke)	7.30 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	173 N
Lateral force	135 N
Lateral force (oily surface)	156 N
Volume	24 cm ³
Curve radius (min) (convex)	32 mm
Hose diameter (rec.) d	6 mm

Contact Schmalz

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Dimensions (LxB)	100 x 40
Suction cup material	Elastodur ED
Material hardness [Shore A]	85 Shore A
Weight	62.60 g
Product family	SAOXM

Spare parts



SC-I 055 AR-FDC

Part no...:10.01.24.00011

Size: 55

Shape: Anti Rot / Friction Elem

Use: SAOXM 100x40



SAOXM 100x40 ED-85 SC055-AR

Part no...:10.01.24.00003

Dimensions (LxB): 100 x 40

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

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SC-A 055-AR M14x1.5-AG L

Part no...:10.01.06.03171

Connection geometry: 055-AR

Thread G1: M14x1.5-M

Length L: 2.5 mm

Shape: Self Locking