

Bell suction cup (oval)

SAOXM 80x30 ED-85 G1/4-AG

Part no...:10.01.24.00034

<https://www.schmalz.com/10.01.24.00034>

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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: G1/4-AG

Add. function: Friction disc

Design Data



Attribute	Value
Bmax(S)	41.50 mm
Bs	31.90 mm
dn	4.10 mm
G1	G1/4"-M
H	30.30 mm
LG1	8 mm
Lmax(S)	88 mm
Ls	82.10 mm
SW1	17 mm
SW2	4 mm
SW3	5 mm
Z (Stroke)	6 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	105 N
Lateral force	110 N
Lateral force (oily surface)	134 N
Volume	13 cm ³
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm

Contact Schmalz

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Dimensions (LxB)	80 x 30
Suction cup material	Elastodur ED
Material hardness [Shore A]	85 Shore A
Weight	37.40 g
Product family	SAOXM

Spare parts



SAOXM 80x30 ED-85 SC045-AR

Part no...:10.01.24.00002

Dimensions (LxB): 80 x 30

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A



SC-I 045 AR-FDC

Part no...:10.01.24.00010

Size: 45

Shape: Anti Rot / Friction Elem

Use: SAOXM 80x30

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SC-A 045-AR G1/4-AG L

Part no...:10.01.06.03131

Connection geometry: 045-AR

Thread G1: G1/4"-M

Length L: 2 mm

Shape: Self Locking



SC-S 045 L

Part no...:10.01.06.02740

Size: 45

Shape: Self Locking



SAOXM 80x30 ED-85 SC045-AR

Part no...:10.01.24.00002

Dimensions (LxB): 80 x 30

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

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