

Suction cups VAS/VASB

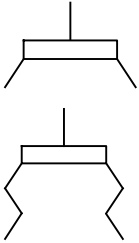


Suction cups

Key features

Product overview

Suction gripper and suction cup



Festo vacuum suction grippers offer outstanding functionality and quality.

An extensive range of modular suction cups in different shapes, materials and sizes, plus a wide selection of suction cup holders, angle and height compensators and filters within the

modular suction gripper system, provide users with a huge range of possible combinations for a wide variety of applications.

Suction grippers ESG

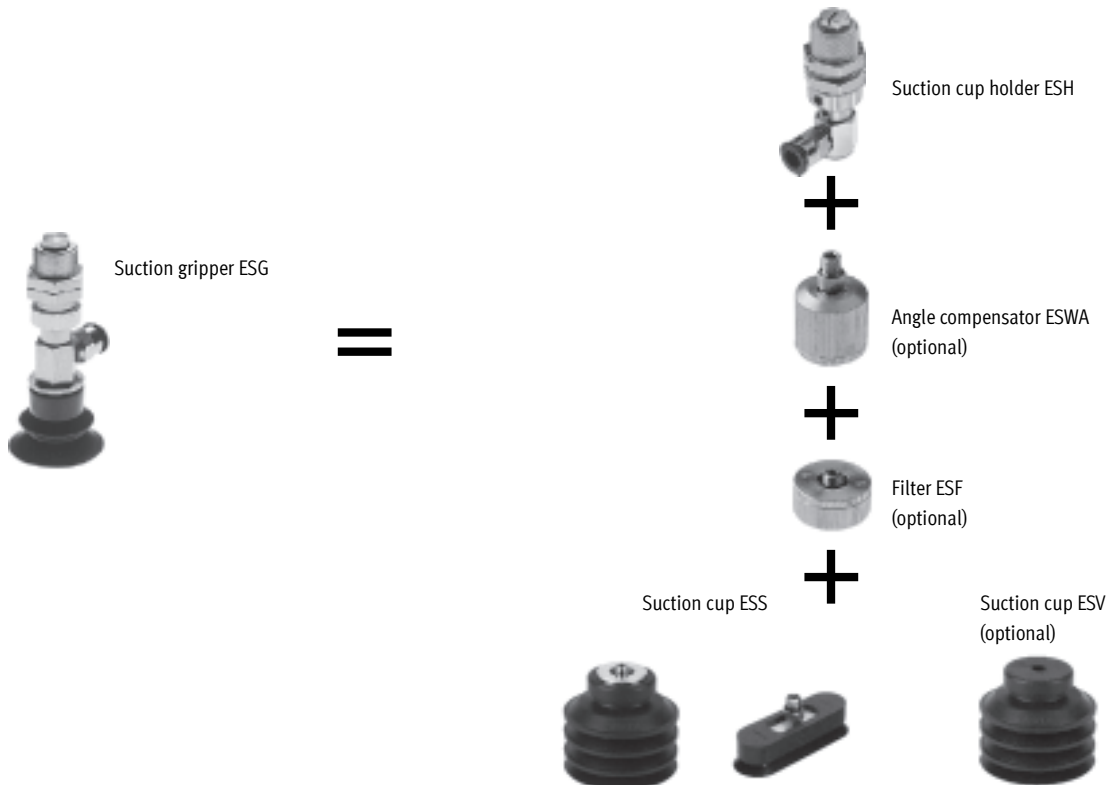
Technical data → Internet: esg

Modular products with over 2000 variants

- The ideal solution for the transport of workpieces of different weights, surfaces and shapes
- Choose from:
 - 15 suction cup diameters
 - 5 different materials – including antistatic types
 - 5 suction cup shapes
 - Various suction cup holders
 - Optional accessories (filters and angle compensators)
- Wide range of variants
- A suitable solution for every task
- Wide range to suit applications with various temperature ranges and workpiece surfaces
- Suction cups made from silicone are approved for use in the food industry

Suction grippers as a complete solution

Suction grippers made from individual components



Suction cups

Key features

FESTO

Suction cups VAS/VASB

Sturdy and reliable

- The ideal solution for the transport of workpieces of different weights, surfaces and shapes
- Choose from:
 - 11 suction cup diameters
 - 2 suction cup shapes: round and bellows design
 - 3 suction cup materials: nitrile rubber, polyurethane and silicone for use in a wide variety of applications
- Wide range to suit applications with various temperature ranges and workpiece surfaces
- Suction cups made from silicone are approved for use in the food industry
- All tubing connector sizes correspond to a holder size



Suction cups VAS/VASB

Features

Suction cups with fixed connecting thread

- VAS: 2 ... 125 mm diameter
VASB: 8 ... 125 mm diameter
- Suction retention of workpieces with smooth, impervious surfaces
- Bellows suction cups can adapt to suit uneven, curved and inclined surfaces

Nitrile rubber (NBR)

- Minimal markings left on shiny surfaces

Polyurethane (PUR)

- Long service life
- Gentle handling with soft suction cup material

Silicone (SI)

- Excellent thermal resistance
- Approved for use in the food industry



Accessories

Vacuum security valve ISV

Technical data → Internet: isv

- Vacuum does not dissipate when any of several suction cups arranged in parallel fail to maintain contact
- Saves compressed air and energy



Height compensator VAL

Technical data → Internet: val

- Gentle handling of the workpieces by compensating for tolerance differences in the workpiece thickness.



Elbow fitting LJK

Technical data → Internet: ljk

- Redirection of air connection
- Swivel joint rotatable 360°



Adapter AD

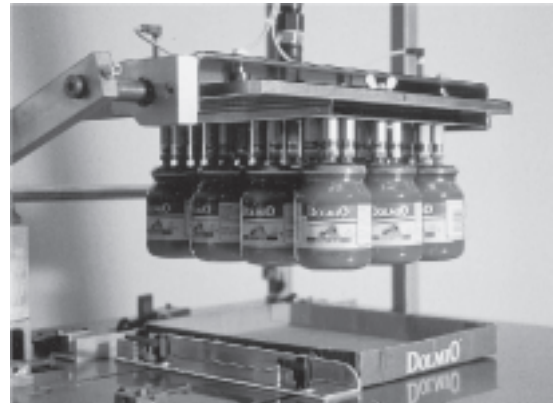
Technical data → Internet: ad

- For connection of suction cup with piston rod thread, for example



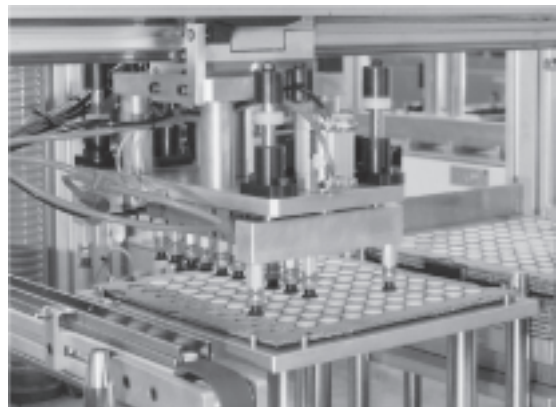
Vacuum technology can be used in a wide range of applications

- Lifting
- Placing
- Moving
- Insertion
- Conveying
- Gripping
- Holding
- Loading
- Clamping
- Transporting
- Repositioning
- Turning




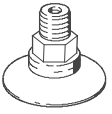
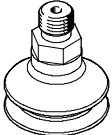
Flexible automation technology is an important field of application for vacuum technology:

- Small, mid-sized and large series manufacturing
- Assembly
- Conveyor and packaging technology



Suction cups VAS/VASB

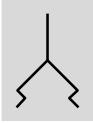
Product range overview



Design	Version	Type	Suction cup diameter	Type of mounting	Vacuum port	Suction cup materials	→ Page/ Internet
Round, flat	Vacuum port on side						
		VAS	8	M5	PK-3	TPE-U(PU)	6
	Vacuum port on top						
		VAS	2, 5, 8, 10, 15, 30, 40, 55, 75, 100, 125	M3, M5, G1/8, G1/4, G3/8	M3, M5, G1/8, G1/4, G3/8	NBR	8
			8, 10, 15, 30, 40, 55, 75, 100, 125	M5, G1/8, G1/4, G3/8	M5, G1/8, G1/4, G3/8	VMQ (silicone)	12
			8, 10, 15, 30, 40, 55, 75, 100, 125	M5, G1/8, G1/4, G3/8	M5, G1/8, G1/4, G3/8	PUR	12
Round, bellows, 1.5 convolutions	Vacuum port on top						
		VASB	8, 15, 30, 40, 55, 75, 100, 125	M5, G1/8, G1/4, G3/8	M5, G1/8, G1/4, G3/8	NBR	16
			8, 15, 30, 40, 55, 75, 100, 125	M5, G1/8, G1/4, G3/8	M5, G1/8, G1/4, G3/8	VMQ (silicone)	20
			8, 15, 30, 40, 55, 75, 100, 125	M5, G1/8, G1/4, G3/8	M5, G1/8, G1/4, G3/8	PUR	20

Suction cups VAS-...-S-PUR-B, vacuum port on side

Technical data

Function



-  Diameter
8 mm
-  Temperature range
-20 ... +60 °C



General technical data		
Suction cup diameter	[mm]	8
Vacuum port		PK-3
Connection position		On side
Nominal size	[mm]	2
Design		Round, flat
Type of mounting		M5
Mounting position		Any
Nominal operating pressure	[bar]	-0.7
Holding force at nominal operating pressure -0.7 bar	[N]	2.8
Effective suction cup diameter	[mm]	7.1
Suction cup volume	[cm ³]	0.095

Operating and environmental conditions		
Operating pressure	[bar]	-0.95 ... 0
Operating medium		Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Ambient temperature	[°C]	-20 ... +60
Corrosion resistance class CRC ¹⁾		2

1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

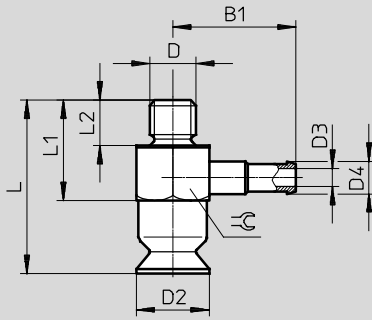
Materials	
Shore hardness	60 ±5
Suction cup	TPE-U(PU) Colour: blue
Threaded plug	Brass
Note on materials	RoHS-compliant

Suction cups VAS-...-S-PUR-B, vacuum port on side

Technical data

Dimensions

Download CAD data → www.festo.com



Type	B1	D	D2	D3	D4	L	L1	L2	∅
VAS-8-...-S-PUR-B	13.5	M5	8	2	3.6	19	11.5	5	8

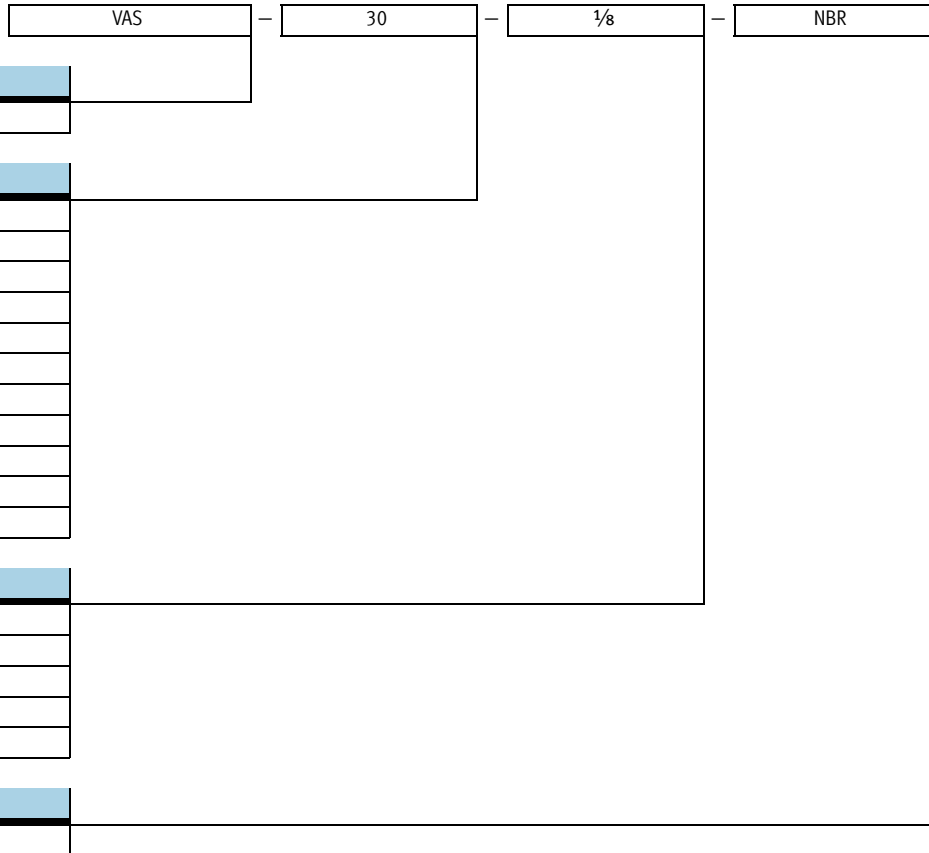
Ordering data


Suction cup diameter [mm]	Vacuum port	Weight [g]	Part No.	Type
8	PK-3	4	8025969	VAS-8-M5-S-PUR-B

Suction cups VAS-...-NBR

Type codes

FESTO

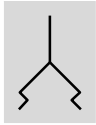




-  - Note
Possible combinations can be found in the ordering data.

Suction cups VAS-...-NBR

Technical data

Function



-  Diameter
2 ... 125 mm
-  Temperature range
-20 ... +80 °C



General technical data												
Suction cup diameter [mm]	2	5	8	10	15	30	40	55	75	100	125	
Vacuum port	M3	M5	M5	M5	G1/8	G1/8	G1/4	G1/4	G1/4	G1/4	G3/8	
Nominal size [mm]	1	1.5	2	2	3	3	4	4	4	4	7	
Design	Round, standard, vacuum port on top											
Type of mounting	Via vacuum port											
Mounting position	Any											
Nominal operating pressure [bar]	-0.7											
Holding force at nominal operating pressure -0.7 bar [N]	0.14	0.9	1.6	4.5	7.9	34	56	106	197	397	606	
Effective suction cup diameter [mm]	1.6	4	5.5	8	12	25	32	44	60	85	105	
Suction cup volume [cm ³]	0.03	0.03	0.095	0.12	0.328	1.29	3.47	8.01	18.3	33.5	79.1	

Operating and environmental conditions	
Type	VAS-...-NBR
Operating pressure [bar]	-0.95 ... 0
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Ambient temperature [°C]	-20 ... +80
Corrosion resistance class CRC ¹⁾	2

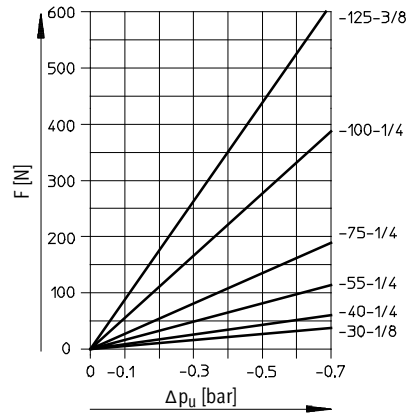
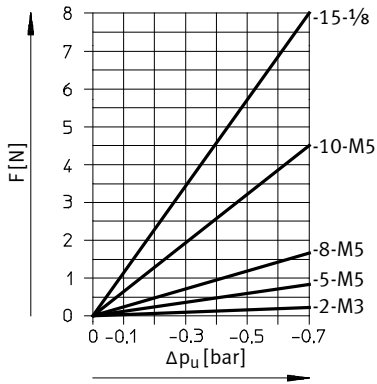
1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Materials	
Type	VAS-...-NBR
Shore hardness	55 ±5 (suction cup diameter 2 ... 5 mm)
	60 ±5 (suction cup diameter 8 ... 15 mm)
	70 ±5 (suction cup diameter 30 ... 125 mm)
Suction cup	NBR Colour: black
Threaded plug	High-alloy steel (suction cup diameter 2 mm)
	Wrought aluminium alloy (suction cup diameter 5 and 10 mm)
	Brass (suction cup diameter 8, 15 and 30 mm)
	Die-cast zinc (suction cup diameter 40 ... 125 mm)
Note on materials	RoHS-compliant

Suction cups VAS-...-NBR

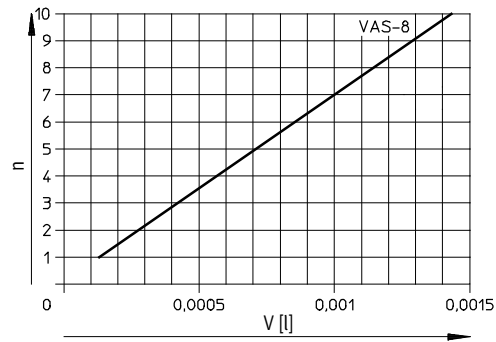
Technical data

Theoretical suction force F as a function of vacuum p_u

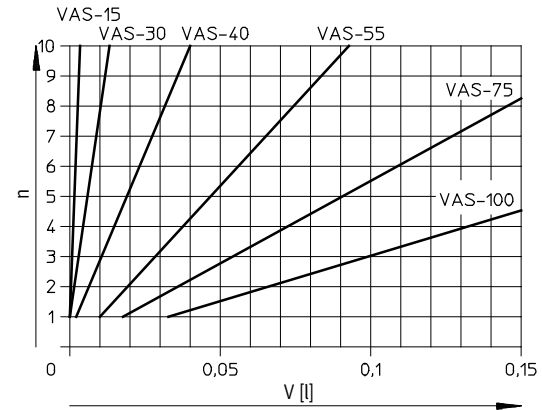


Suction cup volume

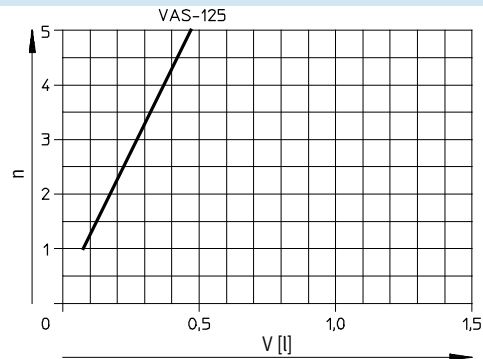
VAS-8



VAS-15 ... 100



VAS-125



Suction cups VAS-...-NBR

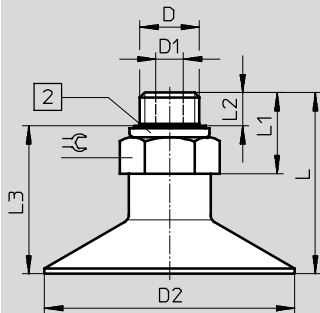
Technical data

FESTO

Dimensions

Download CAD data → www.festo.com

VAS-...-NBR



2 VAS-5/10:
Sealing ring OK
VAS-8/15 ... 125:
Sealing ring OL

Type	Connection D	D1 ∅	D2 ∅	L	L1	L2	L3	⊕
VAS-2-...-NBR ¹⁾	M3	1	2	9.8	5.8	4	5.8	4.5
VAS-5-...-NBR	M5	1.5	5	16.5	10	4.5	12	8
VAS-8-...-NBR	M5	2	8	19	11.3	2.85	16.15	8
VAS-10-...-NBR	M5	2	10	19.2	11.5	4.5	14.7	8
VAS-15-...-NBR	G1/8	3	15	20.2	12	4.7	15.5	13
VAS-30-...-NBR	G1/8	3	30	21.5	12	4.7	16.8	13
VAS-40-...-NBR	G1/4	4	40	30.9	17.4	5.8	25.1	17
VAS-55-...-NBR	G1/4	4	55	33.9	17.4	5.8	28.1	17
VAS-75-...-NBR	G1/4	4	75	28	17	5.8	22.2	17
VAS-100-...-NBR	G1/4	4	100	28	17	5.8	22.2	17
VAS-125-...-NBR	G3/8	7	125	36	20	6.05	29.95	19

1) Sealing ring is not included in the scope of delivery.

Ordering data

Suction cup diameter [mm]	Vacuum port	Weight [g]	Part No.	Type
2	M3	1	173438	VAS-2-M3-NBR
5	M5	2	173439	VAS-5-M5-NBR
8	M5	4	34588	VAS-8-M5-NBR
10	M5	3	173440	VAS-10-M5-NBR
15	G1/8	11	36142	VAS-15-1/8-NBR
30	G1/8	13	34587	VAS-30-1/8-NBR
40	G1/4	26	36143	VAS-40-1/4-NBR
55	G1/4	32	36144	VAS-55-1/4-NBR
75	G1/4	76	36145	VAS-75-1/4-NBR
100	G1/4	138	34586	VAS-100-1/4-NBR
125	G3/8	152	152605	VAS-125-3/8-NBR

Suction cups VAS-...-SI-B/PUR-B

Type codes

VAS – 30 – 1/8 – PUR – B


Type	
VAS	Suction cup

Suction cup diameter [mm]	
8	8
10	10
15	15
30	30
40	40
55	55
75	75
100	100
125	125

Vacuum port	
M5	Thread M5
1/8	Thread G1/8
1/4	Thread G1/4
3/8	Thread G3/8

Materials	
SI	VMQ (silicone)
PUR	Polyurethane

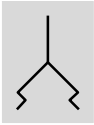
Generation	
B	B series



 **Note**
Possible combinations can be found in the ordering data.

Suction cups VAS-...-SI-B/PUR-B

Technical data

Function



-  Diameter
8 ... 125 mm
-  Temperature range
-40 ... +200 °C



General technical data										
Suction cup diameter [mm]	8	10	15	30	40	55	75	100	125	
Vacuum port	M5	M5	G1/8	G1/8	G1/4	G1/4	G1/4	G1/4	G1/4	G3/8
Nominal size [mm]	2	2	3	3	4	4	4	4	4	7
Design	Round, flat									
Type of mounting	Via vacuum port									
Mounting position	Any									
Nominal operating pressure [bar]	-0.7									
Holding force at nominal operating pressure -0.7 bar [N]	SI: 2.6 PUR: 2.8	SI: 3.7 PUR: 4	8.5	SI: 31 PUR: 34	SI: 58 PUR: 60	110	SI: 245 PUR: 250	SI: 464 PUR: 450	SI: 700 PUR: 570	
Effective suction cup diameter [mm]	SI: 6.8 PUR: 7.1	SI: 8.2 PUR: 8.5	12.4	SI: 23.7 PUR: 24.8	SI: 32.5 PUR: 34.4	44.7	SI: 66.7 PUR: 67.4	90.5	101.8	
Suction cup volume [cm ³]	0.095	0.12	0.328	1.29	3.47	8.01	18.3	33.5	79.1	

Operating and environmental conditions		
Type	VAS-...-SI-B	VAS-...-PUR-B
Operating pressure [bar]	-0.95 ... 0	
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]	
Ambient temperature [°C]	-40 ... +200	-20 ... +60
Corrosion resistance class CRC ¹⁾	2	
Suitability for use in the food industry	As per manufacturer's declaration	-

1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Materials		
Type	VAS-...-SI-B	VAS-...-PUR-B
Shore hardness	60 ±5	
Suction cup	VMQ (silicone) Colour: transparent	PUR Colour: blue
Threaded plug	Wrought aluminium alloy	Brass (suction cup diameter 8 ... 30 mm) Die-cast zinc (suction cup diameter 40 ... 125 mm)
Note on materials	RoHS-compliant Contains PWIS (paint wetting impairment substances)	-

Suction cups VAS-...-SI-B/PUR-B

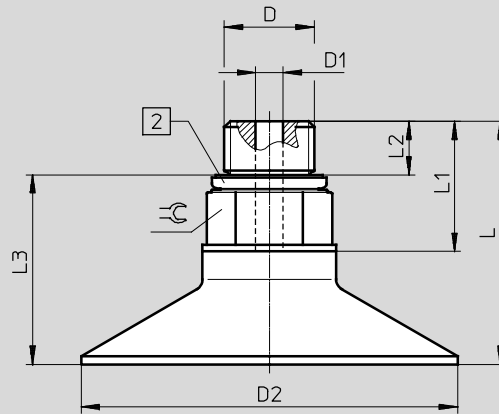
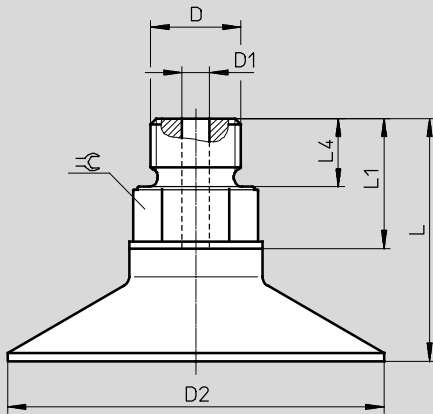
Technical data

Dimensions

Download CAD data → www.festo.com

VAS-...-SI-B

VAS-...-PUR-B



2 Sealing ring

Type	Connection D	D1 Ø	D2 Ø	L	L1	L2	L3	L4	≡
VAS-8-...-SI-B	M5	2	8	19.2	11.5	-	-	4.3	8
VAS-10-...-SI-B	M5	2	10	19.2	11.5	-	-	4.3	8
VAS-15-...-SI-B	G1/8	3	15	20	12	-	-	6.5	13
VAS-30-...-SI-B	G1/8	3	30	21.5	12	-	-	6.5	13
VAS-40-...-SI-B	G1/4	4	40	30.5	17	-	-	8	17
VAS-55-...-SI-B	G1/4	4	55	33.5	17	-	-	8	17
VAS-75-...-SI-B	G1/4	4	75	28.2	17	-	-	8	17
VAS-100-...-SI-B	G1/4	4	100	28	17	-	-	8	17
VAS-125-...-SI-B	G3/8	7	125	36	20	-	-	12	19
VAS-8-...-PUR-B	M5	2	8	19	11.3	2.85	16.15	-	8
VAS-10-...-PUR-B	M5	2	10	19.2	11.5	2.85	16.35	-	8
VAS-15-...-PUR-B	G1/8	3	15	20	12	4.7	15.3	-	13
VAS-30-...-PUR-B	G1/8	3	30	21.5	12	4.7	16.8	-	13
VAS-40-...-PUR-B	G1/4	4	40	29.5	17	5.8	23.7	-	17
VAS-55-...-PUR-B	G1/4	4	55	32.5	17	5.8	26.7	-	17
VAS-75-...-PUR-B	G1/4	4	75	28	17	5.8	22.2	-	17
VAS-100-...-PUR-B	G1/4	4	100	28	17	5.8	22.2	-	17
VAS-125-...-PUR-B	G3/8	7	125	36	20	6.45	29.55	-	19

Suction cups VAS-...-SI-B/PUR-B

Technical data

Ordering data			
Suction cup diameter [mm]	Vacuum port	Weight [g]	Part No. Type
VMQ (silicone)			
8	M5	2	1377781 VAS-8-M5-SI-B
10	M5	2	1385610 VAS-10-M5-SI-B
15	G $\frac{1}{8}$	4	1376604 VAS-15- $\frac{1}{8}$ -SI-B
30	G $\frac{1}{8}$	5	1377752 VAS-30- $\frac{1}{8}$ -SI-B
40	G $\frac{1}{4}$	14	1379454 VAS-40- $\frac{1}{4}$ -SI-B
55	G $\frac{1}{4}$	19	1379348 VAS-55- $\frac{1}{4}$ -SI-B
75	G $\frac{1}{4}$	62	1382165 VAS-75- $\frac{1}{4}$ -SI-B
100	G $\frac{1}{4}$	116	1386376 VAS-100- $\frac{1}{4}$ -SI-B
125	G $\frac{3}{8}$	214	1415120 VAS-125- $\frac{3}{8}$ -SI-B
Polyurethane			
8	M5	4	1396086 VAS-8-M5-PUR-B
10	M5	4	1469698 VAS-10-M5-PUR-B
15	G $\frac{1}{8}$	11	1396087 VAS-15- $\frac{1}{8}$ -PUR-B
30	G $\frac{1}{8}$	12	1396090 VAS-30- $\frac{1}{8}$ -PUR-B
40	G $\frac{1}{4}$	26	1396092 VAS-40- $\frac{1}{4}$ -PUR-B
55	G $\frac{1}{4}$	30	1396095 VAS-55- $\frac{1}{4}$ -PUR-B
75	G $\frac{1}{4}$	77	1396096 VAS-75- $\frac{1}{4}$ -PUR-B
100	G $\frac{1}{4}$	140	1396098 VAS-100- $\frac{1}{4}$ -PUR-B
125	G $\frac{3}{8}$	249	1396108 VAS-125- $\frac{3}{8}$ -PUR-B

Suction cups VASB-...-NBR, bellows

Type codes




Type	
VASB	Suction cup

Suction cup diameter [mm]	
8	8
15	15
30	30
40	40
55	55
75	75
100	100
125	125

Vacuum port	
M5	Thread M5
1/8	Thread G1/8
1/4	Thread G1/4
3/8	Thread G3/8

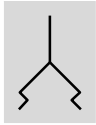
Materials	
NBR	Nitrile rubber



-  - Note
Possible combinations can be found in the ordering data.

Suction cups VASB-...-NBR, bellows

Technical data

Function



-  Diameter
8 ... 125 mm
-  Temperature range
-20 ... +80 °C



General technical data									
Suction cup diameter	[mm]	8	15	30	40	55	75	100	125
Vacuum port		M5	G1/8	G1/8	G1/4	G1/4	G1/4	G1/4	G3/8
Nominal size	[mm]	2	3	3	4	4	4	4	7
Design	Round, bellows, 1.5 convolutions, vacuum port on top								
Type of mounting	Via vacuum port								
Mounting position	Any								
Nominal operating pressure	[bar]	-0.7							
Holding force at nominal operating pressure -0.7 bar	[N]	1.6	7.9	34	56	106	197	397	606
Effective suction cup diameter	[mm]	5.5	12	25	32	44	60	85	105
Suction cup volume	[cm ³]	0.163	0.83	6.18	11.11	30.4	65.5	128.0	307.0

Operating and environmental conditions	
Type	VASB-...-NBR
Operating pressure	[bar] -0.95 ... 0
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Ambient temperature	[°C] -20 ... +80
Corrosion resistance class CRC ¹⁾	2

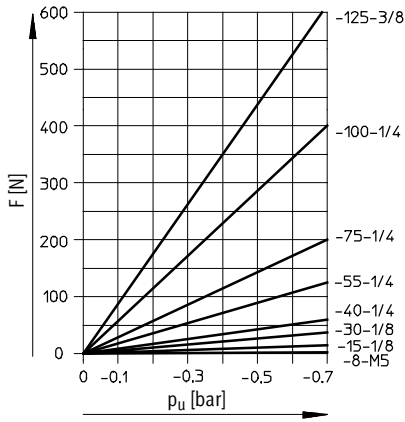
1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Materials	
Type	VASB-...-NBR
Shore hardness	60 ±5
Suction cup	NBR Colour: black
Threaded plug	Brass (suction cup diameter 8 ... 30 mm) Die-cast zinc (suction cup diameter 40 ... 125 mm)
Note on materials	RoHS-compliant

Suction cups VASB-...-NBR, bellows

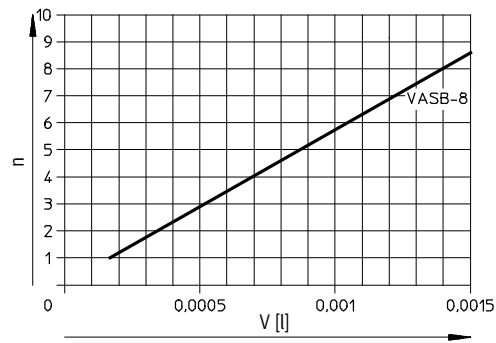
Technical data

Theoretical suction force F as a function of vacuum p_u

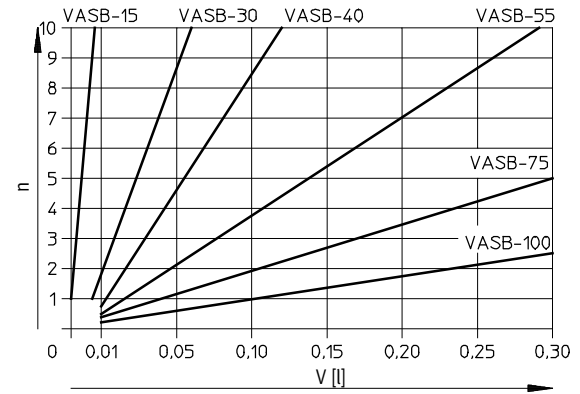


Suction cup volume

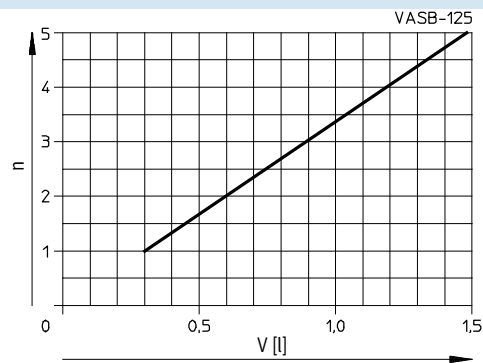
VASB-8



VASB-15 ... 100



VASB-125



Suction cups VASB-...-NBR, bellows

Technical data

FESTO

Dimensions Download CAD data → www.festo.com
 VASB-...-NBR




Type	Connection D	D1 ∅	D2 ∅	L	L1	L2	L3	≈
VASB-8-...-NBR	M5	2	8	22.5	11.3	2.85	19.65	8
VASB-15-...-NBR	G1/8	3	15	25.2	12	4.7	20.5	13
VASB-30-...-NBR	G1/8	3	30	34.3	12	4.7	29.6	13
VASB-40-...-NBR	G1/4	4	40	43.4	17.4	5.8	37.6	17
VASB-55-...-NBR	G1/4	4	55	52.4	17.4	5.8	46.6	17
VASB-75-...-NBR	G1/4	4	75	43.5	17	5.8	37.7	17
VASB-100-...-NBR	G1/4	4	100	44	17	5.8	38.2	17
VASB-125-...-NBR	G3/8	7	125	60	20	6	54	19

Ordering data			
Suction cup diameter [mm]	Vacuum port	Weight [g]	Part No. Type
8	M5	4	35410 VASB-8-M5-NBR
15	G1/8	11	35411 VASB-15-1/8-NBR
30	G1/8	15	35412 VASB-30-1/8-NBR
40	G1/4	30	35413 VASB-40-1/4-NBR
55	G1/4	42	35414 VASB-55-1/4-NBR
75	G1/4	95	35415 VASB-75-1/4-NBR
100	G1/4	170	35416 VASB-100-1/4-NBR
125	G3/8	207	152609 VASB-125-3/8-NBR

Suction cups VASB-...-SI-B/PUR-B, bellows

Type codes

		VASB	-	30	-	1/8	-	PUR	-	B
Type										
VASB	Suction cup									
Suction cup diameter [mm]										
8	8									
15	15									
30	30									
40	40									
55	55									
75	75									
100	100									
125	125									
Vacuum port										
M5	Thread M5									
1/8	Thread G1/8									
1/4	Thread G1/4									
3/8	Thread G3/8									
Materials										
SI	VMQ (silicone)									
PUR	Polyurethane									
Generation										
B	B series									

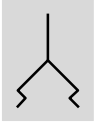
 **Note**
Possible combinations can be found in the ordering data.



Suction cups VASB-...-SI-B/PUR-B, bellows

Technical data

FESTO

Function



-  Diameter
8 ... 125 mm
-  Temperature range
-40 ... +200 °C



General technical data									
Suction cup diameter [mm]	8	15	30	40	55	75	100	125	
Vacuum port	M5	G1/8	G1/8	G1/4	G1/4	G1/4	G1/4	G3/8	
Nominal size [mm]	2	3	3	4	4	4	4	7	
Design	Round, bellows, 1.5 convolutions								
Type of mounting	Via vacuum port								
Mounting position	Any								
Nominal operating pressure [bar]	-0.7								
Holding force at nominal operating pressure -0.7 bar [N]	SI: 2.6 PUR: 2.8	8.5	SI: 25 PUR: 34	SI: 58 PUR: 60	110	SI: 228 PUR: 250	SI: 395 PUR: 450	SI: 610 PUR: 570	
Effective suction cup diameter [mm]	SI: 6.8 PUR: 7.1	12.4	SI: 21.3 PUR: 24.8	SI: 32.5 PUR: 34.4	44.7	SI: 64.4 PUR: 67.4	SI: 91.8 PUR: 90.5	101.8	
Suction cup volume [cm ³]	0.163	0.83	6.18	11.11	30.4	65.5	128.0	307.0	

Operating and environmental conditions		
Type	VASB-...-SI-B	VASB-...-PUR-B
Operating pressure [bar]	-0.95 ... 0	
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]	
Ambient temperature [°C]	-40 ... +200	-20 ... +60
Corrosion resistance class CRC ¹⁾	2	
Suitability for use in the food industry	As per manufacturer's declaration	-

1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Materials		
Type	VASB-...-SI-B	VASB-...-PUR-B
Shore hardness	60 ±5	
Suction cup	VMQ (silicone) Colour: transparent	PUR Colour: blue
Threaded plug	Wrought aluminium alloy	Brass (suction cup diameter 8 ... 30 mm) Die-cast zinc (suction cup diameter 40 ... 125 mm)
Note on materials	RoHS-compliant Contains PWIS (paint wetting impairment substances)	-

Suction cups VASB-...-SI-B/PUR-B, bellows

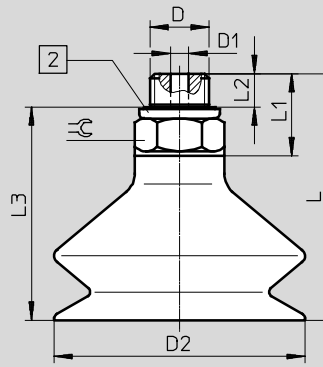
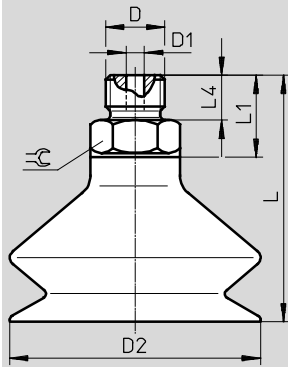
Technical data

Dimensions

Download CAD data → www.festo.com

VASB-...-SI-B

VASB-...-PUR-B



2 Sealing ring

Type	Connection D	D1 Ø	D2 Ø	L	L1	L2	L3	L4	⌀
VASB-8-...-SI-B	M5	2	8	22.5	11.5	-	-	4.3	8
VASB-15-...-SI-B	G1/8	3	15	25.5	12	-	-	6.5	13
VASB-30-...-SI-B	G1/8	3	30	34	12	-	-	6.5	13
VASB-40-...-SI-B	G1/4	4	40	43	17	-	-	8	17
VASB-55-...-SI-B	G1/4	4	55	52	17	-	-	8	17
VASB-75-...-SI-B	G1/4	4	75	43.7	14.2	-	-	8	17
VASB-100-...-SI-B	G1/4	4	100	43.7	14.2	-	-	8	17
VASB-125-...-SI-B	G3/8	7	125	60	16.4	-	-	9	19
VASB-8-...-PUR-B	M5	2	8	22.5	11.5	3.55	18.95	-	8
VASB-15-...-PUR-B	G1/8	3	15	25.5	12	4.7	20.8	-	13
VASB-30-...-PUR-B	G1/8	3	30	34	12	4.7	29.3	-	13
VASB-40-...-PUR-B	G1/4	4	40	43	17	5.8	37.2	-	17
VASB-55-...-PUR-B	G1/4	4	55	52	17	5.8	46.2	-	17
VASB-75-...-PUR-B	G1/4	4	75	43.5	17	5.8	37.7	-	17
VASB-100-...-PUR-B	G1/4	4	100	43.5	17	5.8	37.7	-	17
VASB-125-...-PUR-B	G3/8	7	125	60	20	6	54	-	19

Suction cups VASB-...-SI-B/PUR-B, bellows

FESTO

Technical data

Ordering data			
Suction cup diameter [mm]	Vacuum port	Weight [g]	Part No. Type
VMQ (silicone)			
8	M5	2	1394696 VASB-8-M5-SI-B
15	G $\frac{1}{8}$	4	1377689 VASB-15- $\frac{1}{8}$ -SI-B
30	G $\frac{1}{8}$	7	1377637 VASB-30- $\frac{1}{8}$ -SI-B
40	G $\frac{1}{4}$	18	1372910 VASB-40- $\frac{1}{4}$ -SI-B
55	G $\frac{1}{4}$	29	1373812 VASB-55- $\frac{1}{4}$ -SI-B
75	G $\frac{1}{4}$	78	1378427 VASB-75- $\frac{1}{4}$ -SI-B
100	G $\frac{1}{4}$	132	1382277 VASB-100- $\frac{1}{4}$ -SI-B
125	G $\frac{3}{8}$	247	1387375 VASB-125- $\frac{3}{8}$ -SI-B
Polyurethane			
8	M5	4	1395637 VASB-8-M5-PUR-B
15	G $\frac{1}{8}$	11	1395671 VASB-15- $\frac{1}{8}$ -PUR-B
30	G $\frac{1}{8}$	14	1395690 VASB-30- $\frac{1}{8}$ -PUR-B
40	G $\frac{1}{4}$	30	1395691 VASB-40- $\frac{1}{4}$ -PUR-B
55	G $\frac{1}{4}$	39	1396063 VASB-55- $\frac{1}{4}$ -PUR-B
75	G $\frac{1}{4}$	90	1396064 VASB-75- $\frac{1}{4}$ -PUR-B
100	G $\frac{1}{4}$	155	1396066 VASB-100- $\frac{1}{4}$ -PUR-B
125	G $\frac{3}{8}$	294	1396067 VASB-125- $\frac{3}{8}$ -PUR-B