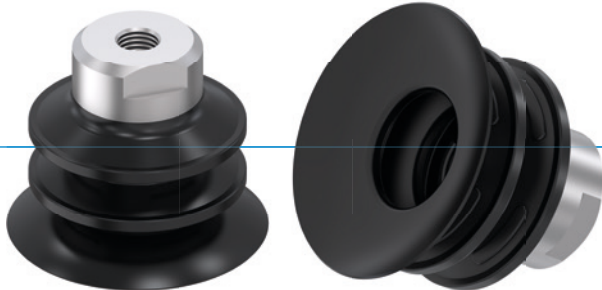


BELLOWS SUCTION CUP

SERIES ZBU

► PRODUCT ADVANTAGES



- **Diameter: 35 mm–55 mm**
- **Optimum geometry**
 - For flat and convex surfaces
 - Can be used universally
 - Height compensation and damping function with 2.5 folds
- **Application areas**
 - Packaging
 - Consumer goods
 - Intralogistics

► PRODUCT KEY

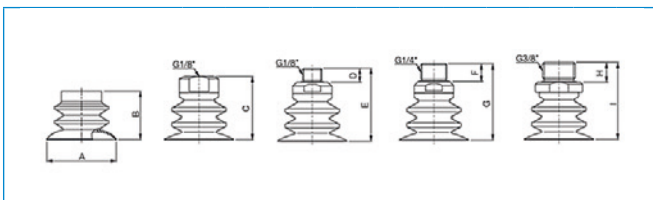
ZBU	35	-	N	-	18F	-	M
Series	Diameter		Material		Fixing thread		Filter type

► MATERIAL CHARACTERISTICS

Version	Material	Color	Operating temperature [°C]	Shore hardness
N	NBR	Black	-20 ... +110	60
PU	Polyurethan	Translucent orange	0 ... +60	60
S	Silicone	Red	-70 ... +200	55
WS	Silicone food-safe	Translucent white	-70 ... +200	55

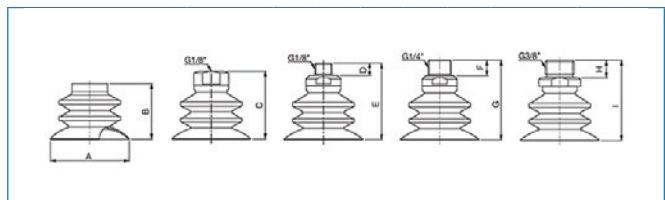
► DIMENSIONS

ZBU35



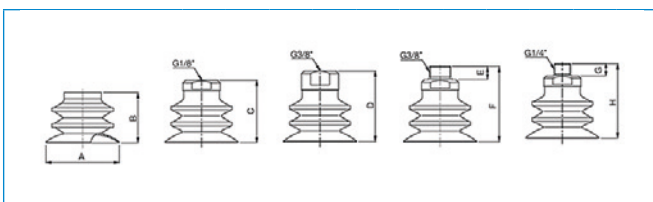
Legend	A	B	C	D	E	F	G	H	I
Dimensions [mm]	35.4	24.5	32	7	36.8	10	39	7	36.8

ZBU45



Legend	A	B	C	D	E	F	G	H	I
Dimensions [mm]	45.5	32	39	7	43.8	9	45.8	10	46

ZBU55



Legend	A	B	C	D	E	F	G	H
Dimensions [mm]	55.6	38	47	53.5	10	57	9	56

► TECHNICAL DATA

Installation size	ZBU35	ZBU45	ZBU55
Lifting force parallel at -20 kPa [kg]			
Lifting force parallel at -60 kPa [kg]			
Lifting force parallel -90 kPa [kg]			
Lifting force vertical at -20 kPa [kg]	2.260	4.080	7.500
Lifting force vertical at -60 kPa [kg]	4.280	7.300	9.800
Lifting force vertical at -90 kPa [kg]	5.750	10.000	12.050
Volume [cm³]	6.200	12.500	28.000

Order no.	► Technical data			
	Diameter [mm]	Material	Fixing thread	Filter type
ZBU35-N	35	NBR		
ZBU35-N-18F	35	NBR	G1/8" internal	
ZBU35-N-18F-M	35	NBR	G1/8" internal	Mesh filter
ZBU35-N-18M	35	NBR	G1/8" external	
ZBU35-N-38M	35	NBR	G3/8" external	
ZBU35-PU	35	Polyurethan		
ZBU35-PU-14M	35	Polyurethan	G1/4" external	
ZBU35-PU-14M-M	35	Polyurethan	G1/4" external	Mesh filter
ZBU35-PU-18F	35	Polyurethan	G1/8" internal	
ZBU35-PU-18F-M	35	Polyurethan	G1/8" internal	Mesh filter
ZBU35-PU-18M	35	Polyurethan	G1/8" external	
ZBU35-PU-18M-M	35	Polyurethan	G1/8" external	Mesh filter
ZBU35-PU-38M	35	Polyurethan	G3/8" external	
ZBU35-PU-38M-F	35	Polyurethan	G3/8" external	Disc filter
ZBU35-S	35	Silicone		
ZBU35-S-14MB2	35	Silicone	G1/4" external	
ZBU35-S-14MB2-M	35	Silicone	G1/4" external	Mesh filter
ZBU35-S-18FB2	35	Silicone	G1/8" internal	
ZBU35-S-18FB2-M	35	Silicone	G1/8" internal	Mesh filter
ZBU35-S-18MB2	35	Silicone	G1/8" external	
ZBU35-S-18MB2-F	35	Silicone	G1/8" external	Disc filter
ZBU35-S-18MB2-M	35	Silicone	G1/8" external	Mesh filter
ZBU35-S-38MB2	35	Silicone	G3/8" external	
ZBU35-S-38MB2-M	35	Silicone	G3/8" external	Mesh filter
ZBU35-WS	35	Silicone food-safe		
ZBU35-WS-14MB2	35	Silicone food-safe	G1/4" external	
ZBU35-WS-18FB2	35	Silicone food-safe	G1/8" internal	
ZBU35-WS-38MB2	35	Silicone food-safe	G3/8" external	
ZBU35-WS-38MB2-M	35	Silicone food-safe	G3/8" external	Mesh filter
ZBU45-N	45	NBR		
ZBU45-N-18F	45	NBR	G1/8" internal	
ZBU45-N-18F-M	45	NBR	G1/8" internal	Mesh filter
ZBU45-PU	45	Polyurethan		
ZBU45-PU-14M	45	Polyurethan	G1/4" external	
ZBU45-PU-14M-M	45	Polyurethan	G1/4" external	Mesh filter
ZBU45-PU-18F	45	Polyurethan	G1/8" internal	
ZBU45-PU-18F-M	45	Polyurethan	G1/8" internal	Mesh filter
ZBU45-PU-18M	45	Polyurethan	G1/8" external	
ZBU45-PU-18M-M	45	Polyurethan	G1/8" external	Mesh filter
ZBU45-PU-38M	45	Polyurethan	G3/8" external	
ZBU45-S	45	Silicone		
ZBU45-S-14MB2	45	Silicone	G1/4" external	
ZBU45-S-14MB2-M	45	Silicone	G1/4" external	Mesh filter
ZBU45-S-18FB2	45	Silicone	G1/8" internal	
ZBU45-S-18FB2-M	45	Silicone	G1/8" internal	Mesh filter
ZBU45-S-18MB2	45	Silicone	G1/8" external	
ZBU45-S-18MB2-M	45	Silicone	G1/8" external	Mesh filter
ZBU45-S-38MB2	45	Silicone	G3/8" external	

BELLOWS SUCTION CUP

SERIES ZBU

Order no.	► Technical data			
	Diameter [mm]	Material	Fixing thread	Filter type
ZBU45-S-38MB2-M	45	Silicone	G3/8" external	Mesh filter
ZBU45-WS	45	Silicone food-safe		
ZBU55-N	55	NBR		
ZBU55-N-14M-M	55	NBR	G1/4" external	Mesh filter
ZBU55-N-18F	55	NBR	G1/8" internal	
ZBU55-N-18F-M	55	NBR	G1/8" internal	Mesh filter
ZBU55-N-38M	55	NBR	G3/8" external	
ZBU55-PU	55	Polyurethan		
ZBU55-PU-14M	55	Polyurethan	G1/4" external	
ZBU55-PU-14M-F	55	Polyurethan	G1/4" external	Disc filter
ZBU55-PU-14M-M	55	Polyurethan	G1/4" external	Mesh filter
ZBU55-PU-18F	55	Polyurethan	G1/8" internal	
ZBU55-PU-18F-F	55	Polyurethan	G1/8" internal	Disc filter
ZBU55-PU-18F-M	55	Polyurethan	G1/8" internal	Mesh filter
ZBU55-PU-38M	55	Polyurethan	G3/8" external	
ZBU55-PU-38M-M	55	Polyurethan	G3/8" external	Mesh filter
ZBU55-S	55	Silicone		
ZBU55-S-14MB2	55	Silicone	G1/4" external	
ZBU55-S-14MB2-M	55	Silicone	G1/4" external	Mesh filter
ZBU55-S-18FB2	55	Silicone	G1/8" internal	
ZBU55-S-38MB2	55	Silicone	G3/8" external	
ZBU55-S-38MB2-M	55	Silicone	G3/8" external	Mesh filter
ZBU55-WS	55	Silicone food-safe		
ZBU55-WS-18FB2-M	55	Silicone food-safe	G1/8" internal	Mesh filter
ZBU55-WS-38MB2	55	Silicone food-safe	G3/8" external	