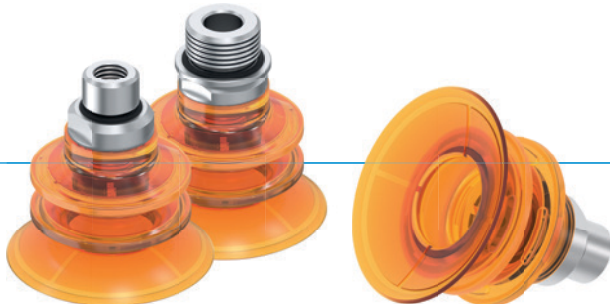


BELLOWS SUCTION CUP

SERIES ZBX

▶ PRODUCT ADVANTAGES



▶ Optimum geometry

- For flat and convex surfaces
- Can be used universally
- Height compensation and damping function with 2.5 folds
- Profile structure on the underside of the suction cup for increased friction between the workpiece and vacuum suction cup

▶ Application areas

- Packaging
- Consumer goods
- Intralogistics

▶ PRODUCT KEY

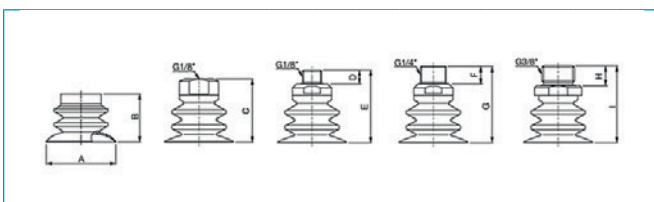
ZBX	45	-	PU	-	18F	-	M
Series	Diameter		Material		Fixing thread		Filter type

▶ MATERIAL CHARACTERISTICS

Version	Material	Color	Operating temperature [°C]	Shore hardness
PU	Polyurethane	Translucent orange	0 ... +60	60

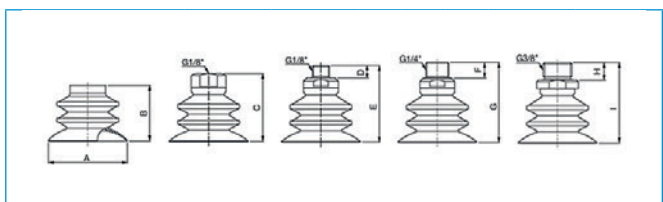
▶ DIMENSIONS

ZBX35



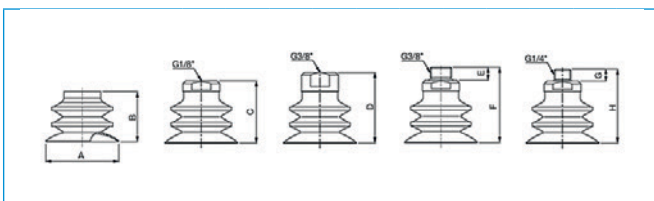
Legend	A	B	C	D	E	F	G	H	I
Dimensions [mm]	35	24	32	7	36	9	38.8	9.5	40

ZBX45



Legend	A	B	C	D	E	F	G	H	I
Dimensions [mm]	45.8	32	40	7	44	9	46.8	9.5	48

ZBX55



Legend	A	B	C	D	E	F	G	H
Dimensions [mm]	55.8	40	48	54.5	10	58	9	57

► TECHNICAL DATA

Installation size	ZBX35	ZBX45	ZBX55
Lifting force parallel at -20 kPa [N]			
Lifting force parallel at -60 kPa [N]			
Lifting force parallel at -90 kPa [N]			
Lifting force vertical at -20 kPa [N]	25.8	62.78	74.56
Lifting force vertical at -60 kPa [N]	42.97	86.33	99.08
Lifting force vertical at -90 kPa [N]	68.18	103.01	119.68
Lifting force parallel at -20 kPa [kg]			
Lifting force parallel at -60 kPa [kg]			
Lifting force parallel at -90 kPa [kg]			
Lifting force vertical at -20 kPa [kg]	2.630	6.400	7.600
Lifting force vertical at -60 kPa [kg]	4.380	8.800	10.100
Lifting force vertical at -90 kPa [kg]	6.950	10.500	12.200
Volume [cm³]	5.800	13.000	29.500

Order no.	► Technical data			
	Diameter [mm]	Material	Fixing thread	Filter type
ZBX35-PU	35	Polyurethane		
ZBX35-PU-14M	35	Polyurethane	G1/4" external	
ZBX35-PU-18F	35	Polyurethane	G1/8" internal	
ZBX35-PU-18F-M	35	Polyurethane	G1/8" internal	Mesh filter
ZBX35-PU-18M	35	Polyurethane	G1/8" external	
ZBX35-PU-38M	35	Polyurethane	G3/8" external	
ZBX45-PU	45	Polyurethane		
ZBX45-PU-14M	45	Polyurethane	G1/4" external	
ZBX45-PU-18F	45	Polyurethane	G1/8" internal	
ZBX45-PU-18F-M	45	Polyurethane	G1/8" internal	Mesh filter
ZBX45-PU-18M	45	Polyurethane	G1/8" external	
ZBX45-PU-38M	45	Polyurethane	G3/8" external	
ZBX55-PU	55	Polyurethane		
ZBX55-PU-14M	55	Polyurethane	G1/4" external	
ZBX55-PU-14M-M	55	Polyurethane	G1/4" external	Mesh filter
ZBX55-PU-18F	55	Polyurethane	G1/8" internal	
ZBX55-PU-18F-M	55	Polyurethane	G1/8" internal	Mesh filter
ZBX55-PU-38M	55	Polyurethane	G3/8" external	
ZBX55-PU-38M-F	55	Polyurethane	G3/8" external	Disc filter
ZBX55-PU-38M-M	55	Polyurethane	G3/8" external	Mesh filter