

BELLOWS SUCTION CUP

SERIES ZOBF

► PRODUCT ADVANTAGES



► Optimum geometry

- For handling smooth, oily and slightly convex surfaces
- Profile structure on the underside of the suction cup for increased friction between the workpiece and vacuum suction cup
- Highly durable and resistant thanks to the material characteristics of polyurethane

► Application areas

- Automotive
- Glass
- Wood and composite materials
- Metal

► PRODUCT KEY

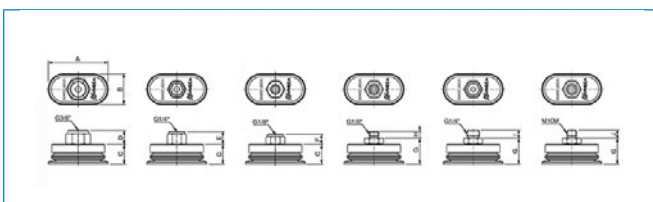
ZOBF	30x60	-	PU	-	14F
Series	Dimensions		Material		Fixing thread

► MATERIAL CHARACTERISTICS

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

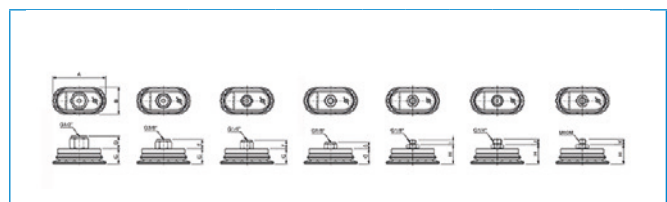
► DIMENSIONS

ZOBF30X60



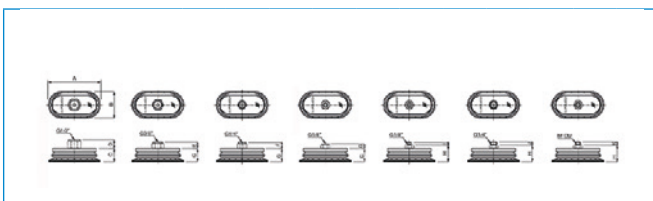
Legend	A	B	C	D	E	F	G	H	I	J
Dimensions [mm]	62	32	20.5	14.2	13.2	10.2	27	7	8	8

ZOBF40X80



Legend	A	B	C	D	E	F	G	H	I	J	K
Dimensions [mm]	82	42	23	19.2	14.2	13.2	10.2	29.5	7	8	8

ZOBF55X110



Legend	A	B	C	D	E	F	G	H	I	J	K
Dimensions [mm]	112	57	29	19.2	14.2	13.2	10.2	35.5	7	8	8

► TECHNICAL DATA

Installation size	ZOBF30X60	ZOBF40X80	ZOBF55X110
Lifting force parallel at -20 kPa [N]	27.47	51.99	130.47
Lifting force parallel at -60 kPa [N]	76.52	153.04	285.47
Lifting force parallel at -90 kPa [N]	142.25	224.65	431.64
Lifting force vertical at -20 kPa [N]	26.49	47.09	86.33
Lifting force vertical at -60 kPa [N]	74.56	125.57	218.76
Lifting force vertical at -90 kPa [N]	109.87	178.54	323.73
Lifting force parallel at -20 kPa [kg]	2.800	5.300	13.300
Lifting force parallel at -60 kPa [kg]	7.800	15.600	29.100
Lifting force parallel at -90 kPa [kg]	14.500	22.900	44.000
Lifting force vertical at -20 kPa [kg]	2.700	4.800	8.800
Lifting force vertical at -60 kPa [kg]	7.600	12.800	22.300
Lifting force vertical at -90 kPa [kg]	11.200	18.200	33.000
Volume [cm³]	11.000	22.500	66.500

Order no.	► Technical data		
	Dimensions [mm]	Material	Fixing thread
ZOBF30X60-PU-14F	30x60	Polyurethane	G1/4" internal
ZOBF30X60-PU-14M	30x60	Polyurethane	G1/4" external
ZOBF30X60-PU-18F	30x60	Polyurethane	G1/8" internal
ZOBF30X60-PU-18M	30x60	Polyurethane	G1/8" external
ZOBF30X60-PU-38F	30x60	Polyurethane	G3/8" internal
ZOBF30X60-PU-M10M	30x60	Polyurethane	M10 external
ZOBF40X80-PU-12F	40x80	Polyurethane	G1/2" internal
ZOBF40X80-PU-14F	40x80	Polyurethane	G1/4" internal
ZOBF40X80-PU-14M	40x80	Polyurethane	G1/4" external
ZOBF40X80-PU-18F	40x80	Polyurethane	G1/8" internal
ZOBF40X80-PU-18M	40x80	Polyurethane	G1/8" external
ZOBF40X80-PU-38F	40x80	Polyurethane	G3/8" internal
ZOBF40X80-PU-M10M	40x80	Polyurethane	M10 external
ZOBF55X110-PU-12F	55x110	Polyurethane	G1/2" internal
ZOBF55X110-PU-14F	55x110	Polyurethane	G1/4" internal
ZOBF55X110-PU-14M	55x110	Polyurethane	G1/4" external
ZOBF55X110-PU-18F	55x110	Polyurethane	G1/8" internal
ZOBF55X110-PU-18M	55x110	Polyurethane	G1/8" external
ZOBF55X110-PU-38F	55x110	Polyurethane	G3/8" internal
ZOBF55X110-PU-M10M	55x110	Polyurethane	M10 external