VG.LB53 bellows suction cups in NBR-HNBR

- Suitable for handling plastic parts
- Suitable for objects with flat or slightly curved surfaces
- They enable to compensate for differences in height
- Ideal for leafing through and picking up thin metal sheets, glass sheets, chipboard or pressed wood panels, plastic laminates
- The HNBR version enables to work at high temperatures, whereas silicone or other mixtures may release traces of material. Ideal for applications where contamination of the material must be avoided
- The HNBR compound is robust and wear resistant, suitable for the removal of hot plastic parts from the relevant moulds



Application example



Technical data

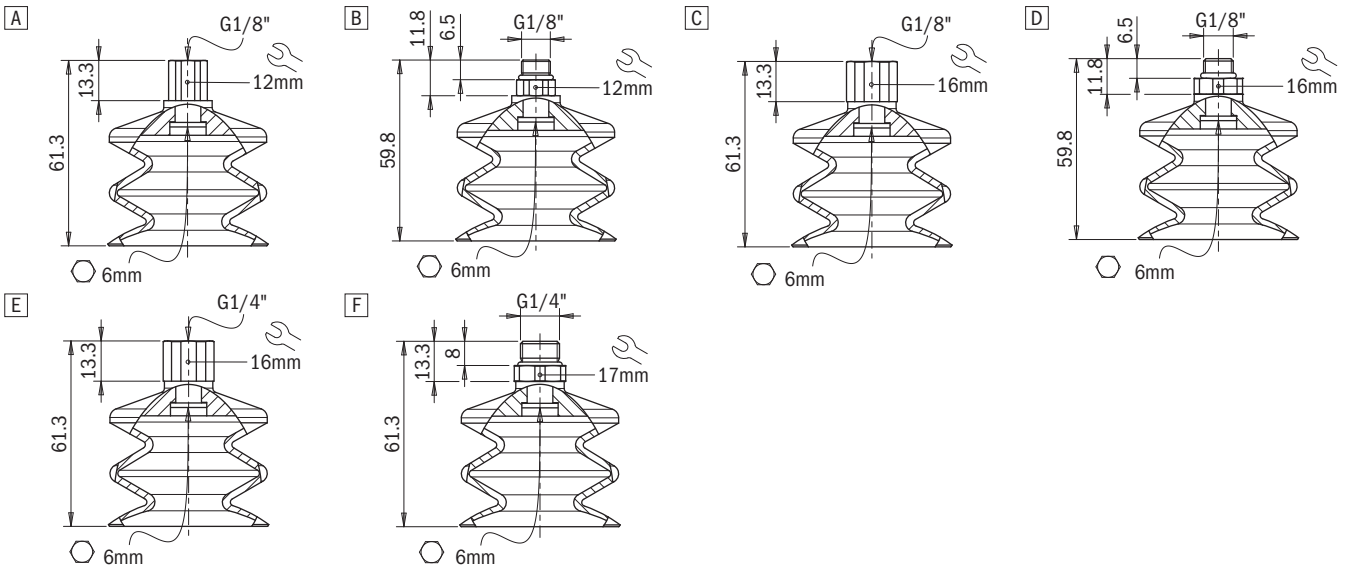
Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume	Min curve radius	Max vert. movement	Suction cup weight
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa	[cm³]	[mm]	[mm]	[g]
NBR 50	40.3	102.8	106.7	–	–	–	37	80	25	31.5
HNBR 60	40.3	102.8	106.7	–	–	–	37	80	25	25.6

Technical features

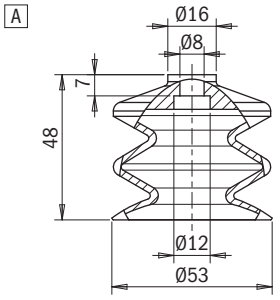
Material	Colour	Hardness	Temperature range
NBR	Black	50 Shore	-40 ÷ +100 °C
HNBR	Blue	60 Shore	-25 ÷ +150 °C

Identification codes

Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.LB53N.50.G18F.E12	VG.LB53 suction cup, NBR, 50 Shore, G1/8" female, 12 mm hex	2321900
B	VG.LB53N.50.G18M.E12	VG.LB53 suction cup, NBR, 50 Shore, G1/8" male, 12 mm hex	2321902
C	VG.LB53N.50.G18F.E16	VG.LB53 suction cup, NBR, 50 Shore, G1/8" female, 16 mm hex	2321903
D	VG.LB53N.50.G18M.E16	VG.LB53 suction cup, NBR, 50 Shore, G1/8" male, 16 mm hex	2321904
E	VG.LB53N.50.G14F.E16	VG.LB53 suction cup, NBR, 50 Shore, G1/4" female, 16 mm hex	2321905
F	VG.LB53N.50.G14M.E17	VG.LB53 suction cup, NBR, 50 Shore, G1/4" male, 17 mm hex	2321906
A	VG.LB53H.60.G18F.E12	VG.LB53 suction cup, HNBR, 60 Shore, G1/8" female, 12 mm hex	2321907
B	VG.LB53H.60.G18M.E12	VG.LB53 suction cup, HNBR, 60 Shore, G1/8" male, 12 mm hex	2321909
C	VG.LB53H.60.G18F.E16	VG.LB53 suction cup, HNBR, 60 Shore, G1/8" female, 16 mm hex	2321910
D	VG.LB53H.60.G18M.E16	VG.LB53 suction cup, HNBR, 60 Shore, G1/8" male, 16 mm hex	2321911
E	VG.LB53H.60.G14F.E16	VG.LB53 suction cup, HNBR, 60 Shore, G1/4" female, 16 mm hex	2321912
F	VG.LB53H.60.G14M.E17	VG.LB53 suction cup, HNBR, 60 Shore, G1/4" male, 17 mm hex	2321913



Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
A	VG.LB53N.50	VG.LB53 suction cup, NBR, 50 Shore	2321901
A	VG.LB53H.60	VG.LB53 suction cup, HNBR, 60 Shore	2321908



Ordering information			
Drawing	Alphanumeric code	Fittings	Order code
A	FT.G18F.E12	G1/8" female fitting, 12 mm hex	2321422
B	FT.G18M.E12	G1/8" male fitting, 12 mm hex	2321424
C	FT.G18F.E16	G1/8" female fitting, 16 mm hex	2321426
D	FT.G18M.E16	G1/8" male fitting, 16 mm hex	2321428
E	FT.G14F.E16	G1/4" female fitting, 16 mm hex	2321430
F	FT.G14M.E17	G1/4" male fitting, 17 mm hex	2321432
G	FT.G18M.S55.E16	Fitting G1/8" Male with check valve and calibrated hole diameter, hexagon 16 mm	1600020
H	FT.G14M.S75.E17	Fitting G1/4" Male with check valve and calibrated hole diameter, hexagon 17 mm	1600021

