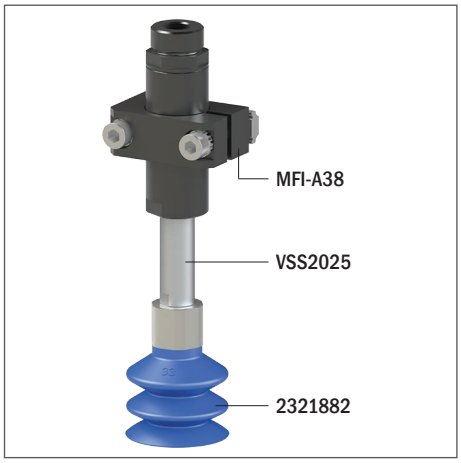
VG.LB33 bellows suction cups in NBR-HNBR

- 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 (PWIS)
- The HNBR compound is robust and wear resistant, suitable for the removal of hot plastic parts from the relevant moulds



Application example



Technical data

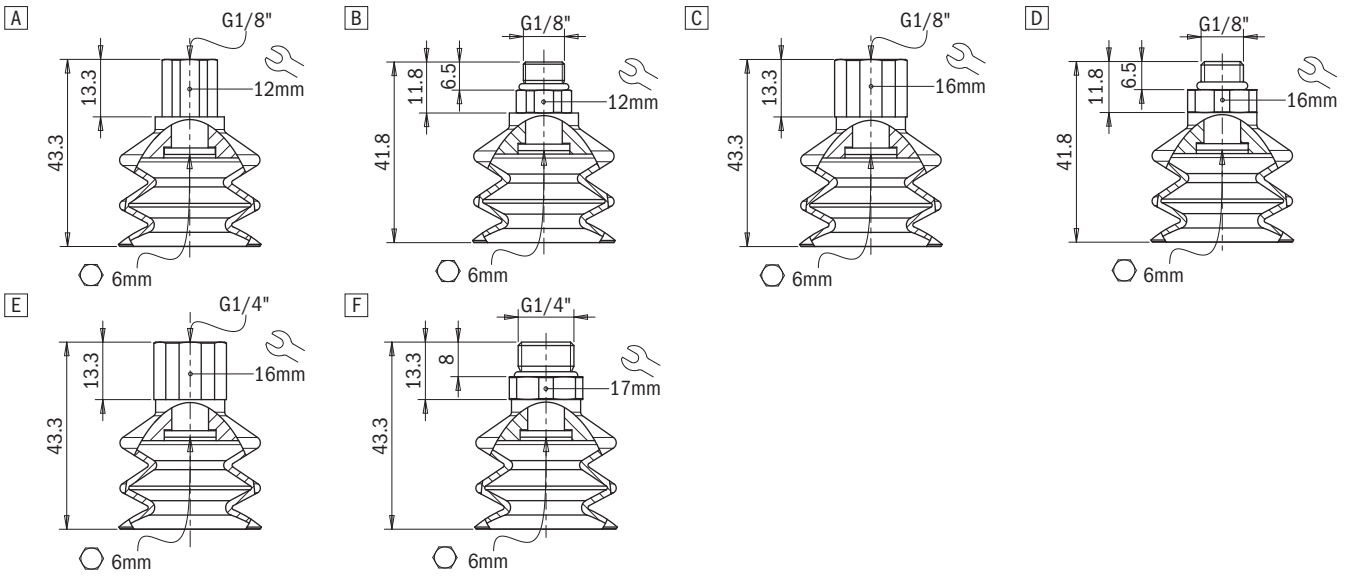
Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume	Min curve radius	Max vert. movement	Suction cup weight
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa	[cm³]	[mm]	[mm]	[g]
NBR 50	13.9	40.4	52.3	–	–	–	10	35	15	8.3
HNBR 60	13.9	40.4	52.3	–	–	–	10	35	15	6.7

Technical features

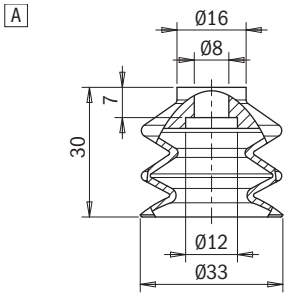
Material	Colour	Hardness	Temperature range
NBR	Black	50 Shore	-40 ÷ +100 °C
HNBR	Blue	60 Shore	-25 ÷ +150 °C

Identification codes

Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.LB33N.50.G18F.E12	VG.LB33 suction cup, NBR, 50 Shore, G1/8" female, 12 mm hex	2321872
B	VG.LB33N.50.G18M.E12	VG.LB33 suction cup, NBR, 50 Shore, G1/8" male, 12 mm hex	2321874
C	VG.LB33N.50.G18F.E16	VG.LB33 suction cup, NBR, 50 Shore, G1/8" female, 16 mm hex	2321875
D	VG.LB33N.50.G18M.E16	VG.LB33 suction cup, NBR, 50 Shore, G1/8" male, 16 mm hex	2321876
E	VG.LB33N.50.G14F.E16	VG.LB33 suction cup, NBR, 50 Shore, G1/4" female, 16 mm hex	2321877
F	VG.LB33N.50.G14M.E17	VG.LB33 suction cup, NBR, 50 Shore, G1/4" male, 17 mm hex	2321878
A	VG.LB33H.60.G18F.E12	VG.LB33 suction cup, HNBR, 60 Shore, G1/8" female, 12 mm hex	2321879
B	VG.LB33H.60.G18M.E12	VG.LB33 suction cup, HNBR, 60 Shore, G1/8" male, 12 mm hex	2321881
C	VG.LB33H.60.G18F.E16	VG.LB33 suction cup, HNBR, 60 Shore, G1/8" female, 16 mm hex	2321882
D	VG.LB33H.60.G18M.E16	VG.LB33 suction cup, HNBR, 60 Shore, G1/8" male, 16 mm hex	2321883
E	VG.LB33H.60.G14F.E16	VG.LB33 suction cup, HNBR, 60 Shore, G1/4" female, 16 mm hex	2321884
F	VG.LB33H.60.G14M.E17	VG.LB33 suction cup, HNBR, 60 Shore, G1/4" male, 17 mm hex	2321885



Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
A	VG.LB33N.50	VG.LB33 suction cup, NBR, 50 Shore	2321873
A	VG.LB33H.60	VG.LB33 suction cup, HNBR, 60 Shore	2321880



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

