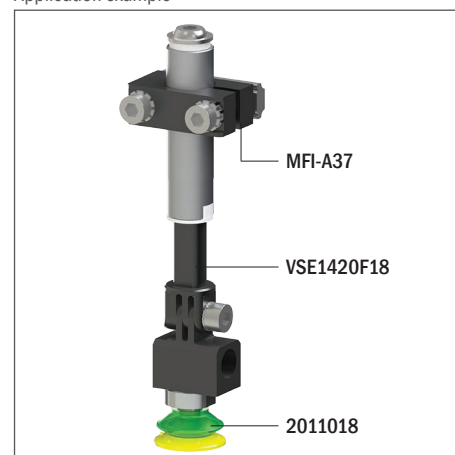


VG.BP20 suction cups in polyurethane with bellows

- Suitable for minimal level compensations, with high stability
- Excellent gripping performance on corrugated or porous surfaces, or non-sealed surfaces, such as cardboard, plastic items and composite materials with uneven surface
- Also suitable for applications with lifting forces parallel to the surface
- Features an exceptional elastic memory
- Available with 50 Shore hardness, green colour
- Available with 30/70 Shore hardness. The two-colour suction cup is robust and flexible at the same time

Application example



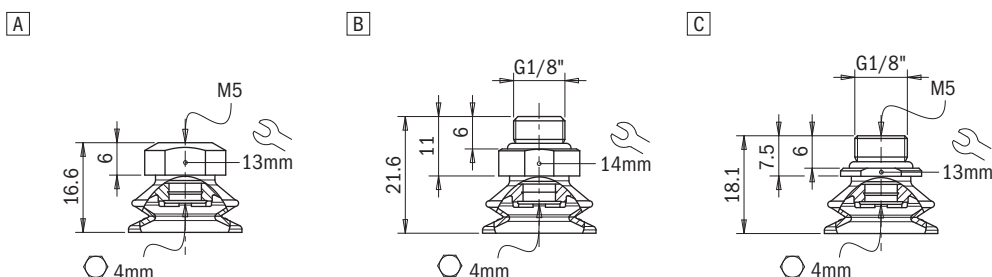
Technical data

Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume [cm³]	Min curve radius [mm]	Max vertical movement [mm]	Suction cup weight [g]
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa				
PU30/70	5	14.3	15.1	3.5	7.3	9.9	1.04	5.5	4.6	1.1
PU50	5.6	14.9	22.1	6.9	10	15.2	1.04	9	4.6	1.1

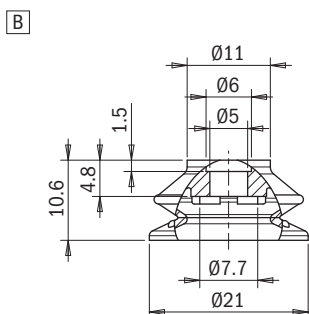
Technical features

Material	Colour	Hardness	Temperature range
Polyurethane PU, 30/70 Shore	Yellow / Green	30/70 Shore	+10 ÷ +45 °C
Polyurethane PU, 50 Shore	Green	50 Shore	+10 ÷ +45 °C

Identification codes			
Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.BP20.30/70.M5F	VG.BP20 suction cup, polyurethane, 30/70 Shore, M5 female	2011006
B	VG.BP20.30/70.G18M	VG.BP20 suction cup, polyurethane, 30/70 Shore, G1/8" male	2011018
C	VG.BP20.30/70.G18MF	VG.BP20 suction cup, polyurethane, 30/70 Shore, G1/8" male / M5 female	2011016
C	VG.BP20.30/70.G18M5FV	VG.BP20 suction cup, polyurethane, 30/70 Shore, G1/8" male / M5 female, with flow control valve	2011007
A	VG.BP20.50.M5F	VG.BP20 suction cup, polyurethane, 50 Shore, M5 female	2021006
B	VG.BP20.50.G18M	VG.BP20 suction cup, polyurethane, 50 Shore, G1/8" male	2021018
C	VG.BP20.50.G18MF	VG.BP20 suction cup, polyurethane, 50 Shore, G1/8" male / M5 female	2021016
C	VG.BP20.50.G18M5FV	VG.BP20 suction cup, polyurethane, 50 Shore, G1/8" male / M5 female, with flow control valve	2021007



Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
B	VG.BP20.30/70	VG.BP20 suction cup, polyurethane, 30/70 Shore	2011000
B	VG.BP20.50	VG.BP20 suction cup, polyurethane, 50 Shore	2021000



Identification codes			
Drawing	Alphanumeric code	Fittings	Order code
A	FT.M5F	Fitting, M5 female	1700006
B	FT.G18M.17	G1/8" male fitting	1700018
C	FT.G18M.M5F	G1/8" male / M5 female fitting	1700016
C	FT.G18M.M5F.VF	G1/8" male / M5 female fitting, with valve	1700017

