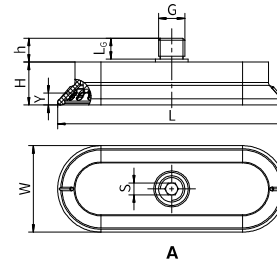


High friction oval suction cup



Code	Drawing	L	W	H	G	L _g	h	S	Y
19GEN.N.14.JxD.00	A	50	16	19,5	G1/4	12	13,5	5	3
19GEN.N.14.AxH.00	A	84	24	15,5	G1/4	12	13,5	5	5
19GEN.N.14.BxL.00	A	93	33	16	G1/4	12	13,5	5	5
19GEN.N.14.CxN.00	A	113	43	21,5	G1/4	12	13,5	5	6
19GEN.N.14.FxO.00	A	123	65	18	G1/4	12	13,5	5	6

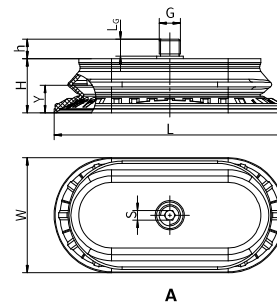
High friction oval suction cup suitable for movement of elongated thin pieces; the reinforced internal structure ensures that lifted objects are not deformed and increases friction force in applications with force parallel to the grip plane. The innovative design of the support plane inside the suction cup ensures high coefficient of friction with the grip surface, in particular on very oily sheets or glass panes and very wet marble, thanks to this suction cup's drainage capability. This suction cup is most particularly recommended for applications of handling sheet metal parts in the "automotive" industry. This feature enables a secure and solid grip by the suction cup and consequently ensures accurate positioning of the load to be moved.

Table of lifting forces

Code	Volume cm ³	Lifting force in vertical direction (N)	Lifting force in parallel direction (N)	Lateral force on oily surface (N)	Weight (gr.)
		-60kPa	-60kPa	-60kPa	
19GEN.N.14.JxD.00	2	33	24	12	17
19GEN.N.14.AxH.00	5	78	38	35	23
19GEN.N.14.BxL.00	10	125	77	60	24
19GEN.N.14.CxN.00	25	200	188	118	47
19GEN.N.14.FxO.00	35	312	254	170	70

Material	Color	Hardness °Shore A	Working temperature °C
NBR	Orange	60	-20 ... 110

Oval high-friction bellows suction cup



Code	Drawing	L	W	H	G	L _g	h	S	Y
19GES.N.14.BxF.15	A	62	31	20	G1/4	12	13,5	5	6
19GES.N.14.CxH.15	A	82	41	22,7	G1/4	12	13,5	5	8,8
19GES.N.14.ExN.15	A	112	57	29	G1/4	12	13,5	5	12,5
19GES.N.14.GxR.15	A	143	70,5	33	G1/4	12	13,5	5	17

High friction oval bellows suction cup suitable for movement of elongated and thin pieces and where level compensation is necessary, such as in the withdrawal of loaders. Especially recommended for applications with force parallel to the grip plane. The innovative design of the support plane inside the suction cup ensures a high coefficient of friction with the grip surface, in particular on very oily sheets or glass panes and very wet marble, thanks to this suction cup's drainage capability. This feature enables a secure and solid grip by the suction cup and consequently ensures accurate positioning of the load to be moved.

Table of lifting forces

Code	Volume cm ³	Lifting force in vertical direction (N)	Lifting force in parallel direction (N)	Lateral force on oily surface (N)	Weight (gr.)
		-60kPa	-60kPa	-60kPa	
19GES.N.14.BxF.15	8.7	53	60	50	41.9
19GES.N.14.CxH.15	22	110	118	101	51.5
19GES.N.14.ExN.15	57	197	200	183	102.1
19GES.N.14.GxR.15	108	275	295	267	138.9

Material	Color	Hardness °Shore A	Working temperature °C
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