

VENTOSAS
VACUUM CUPS

GRANDES CARGAS
HEAVY LOADS

VDL



CARACTERÍSTICAS • CHARACTERISTICS

Ø reposo / Ø trabajo	Ø unloaded / Ø loaded	[mm]
Mín. radio de curvatura	Minimum curve radius	[mm]
Carrera máxima	Maximum stroke	[mm]
Volumen	Volume	[cm³]
Peso	Weight	[g]
Fuerza a -0,4 bar	Force at -0,4 bar	[Kgf]
Fuerza a -0,6 bar	Force at -0,6 bar	[Kgf]
Fuerza a -0,8 bar	Force at -0,8 bar	[Kgf]
Fuerza a -0,9 bar	Force at -0,9 bar	[Kgf]

CÓMO PEDIR • HOW TO ORDER

Ventosa completa	Whole vacuum cup
Recambio de goma	Rubber spare part

OPCIONES • OPTIONS

1 RÓTULA BALL JOINT

C	Con rótula With ball joint
--	Sin rótula Without ball joint

2 VÁLVULA VALVE

V	Con válvula palpadora With sensing valve
--	Sin válvula palpadora Without sensing valve

3 MUELLE COMPENSADOR SPRING LEVELER

M30	Muelle carrera 30mm Spring with 30mm
M60	Muelle carrera 60mm Spring with 60mm
--	Sin muelle compensador Without spring leveler

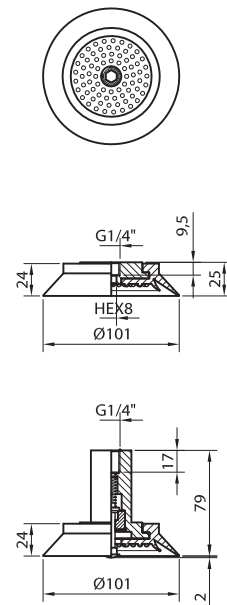
G MATERIAL GOMA RUBBER MATERIAL

NIT	● Nitrílico Nitrile
SB	○ Silicona Silicone
CN	● Caucho Natural Natural Rubber

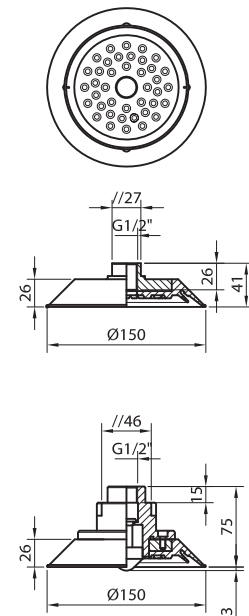


ADECUADAS PARA SUITABLE FOR	Agarre de alta precisión High precision grip	Carga elevada High Load	Manipulaciones verticales Vertical handling	Superficies lisas Smooth surfaces	Superficies ligeramente curvadas Slightly curved surfaces
VENTAJAS ADVANTAGES	Doble labio Double lip	Tacos antiderrapante Antiskid contact furrows			

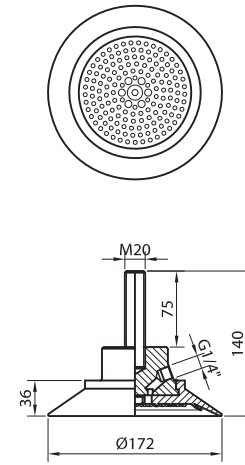
Ø 100



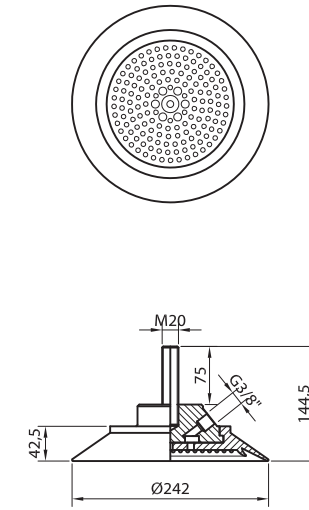
Ø 150



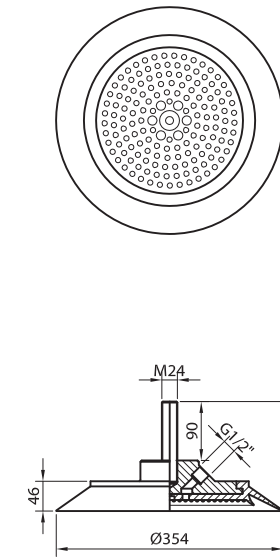
Ø 170



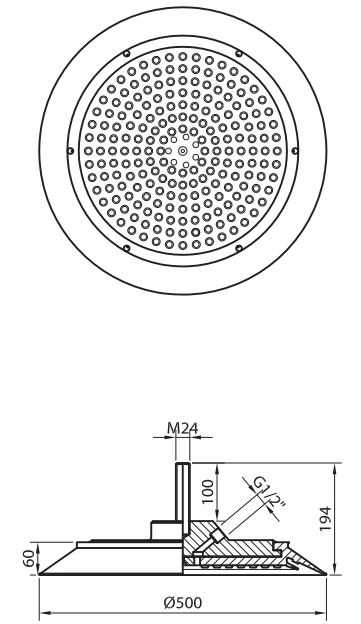
Ø 240



Ø 350



Ø 500



101 / 105,5	150 / 157	172 / 176	242 / 248	354 / 360	500 / 515
197	336	400	747	1224	1534
6,5	8	9	9,5	12,5	20
65	220	198	480	1400	2910
130	325	1037	1849	4160	11900
18,8	53,0	81,0	145	390	550
27,9	74,0	107	205	585	900
36,0	97,0	131	255	780	1130
40,2	106	145	280	877	1200
VDL - 2 - 100 - G	VDLER - 2 - 150 - G	VDL - 1 - 2 - 3 - 170 - G	VDL - 1 - 3 - 240 - G	VDL - 1 - 3 - 350 - G	VDL - 1 - 3 - 500 - G
VDLG100 - G	--	VDLG170 - G	VDLG240 - G	VDLG350 - G	VDLG500 - G

Ejemplo Example: VDL - C - V - M60 - 350 - NIT

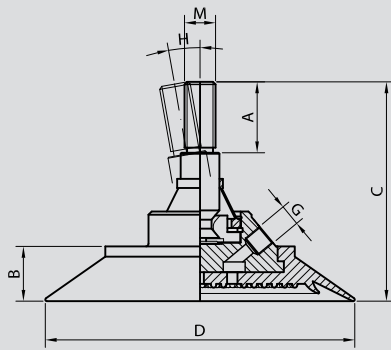
VDL

OPCIONES
OPTIONS

Todas las cotas em mm All dimensions in mm

Rótula (C)

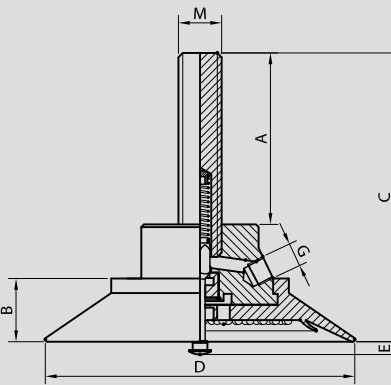
Ball joint (C)



Ø	A	B	C	D	G	H	M	PESO WEIGHT [g]
170	45	36	152	172	G1/4"	10°	M20	1065
240	55	42,5	171,5	242	G3/8"	6°	M24	2285
350	55	46	181	354	G1/2"	6°	M24	4395
500	55	60	195	500	G1/2"	6°	M24	12135

Válvula (V)

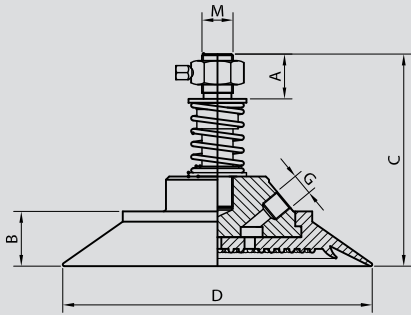
Valve (V)



Ø	A	B	C	D	E	G	M	PESO WEIGHT [g]
170	95	36	160	172	4	G1/4"	M24	1195
240	95	42,5	164,5	242	3,5	G3/8"	M24	2000
350	95	46	174	354	6	G1/2"	M24	4408
500	95	60	189	500	6	G1/2"	M24	12148

Muelle compensador (M)

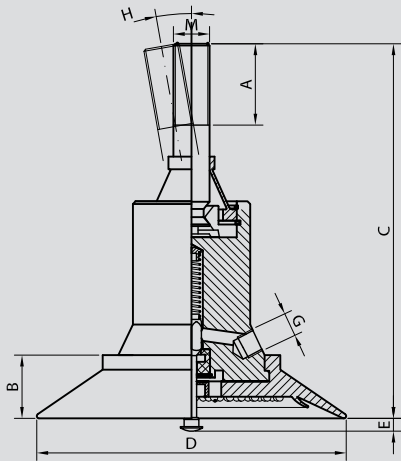
Spring leveler (M)



Ø	CARRERA MUELLE SPRING STROKE	A	B	C	D	G	M	PESO WEIGHT [g]
170	30	34	36	160	172	G1/4"	M20	1280
	60	32	36	215	172	G1/4"	M20	1590
240	30	34	42,5	164,5	242	G3/8"	M24	2170
	60	32	42,5	219,5	242	G3/8"	M24	2470
350	30	34	46	174	354	G1/2"	M24	4265
	60	32	46	229	354	G1/2"	M24	4575
500	30	34	60	188	500	G1/2"	M24	12000
	60	32	60	243	500	G1/2"	M24	12315

Rótula + Válvula (CV)

Ball joint + Valve (CV)



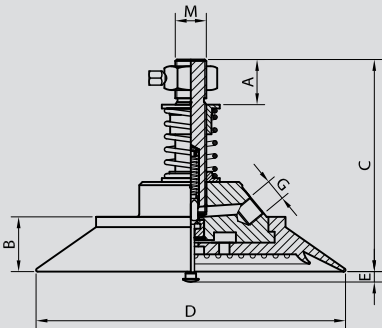
Ø	A	B	C	D	E	G	H	M	PESO WEIGHT [g]
170	45	36	219	172	4	G1/4"	10°	M20	1735

VDL | OPCIONES
OPTIONS

Todas las cotas en mm All dimensions in mm

Válvula + Muelle compensador (VM)

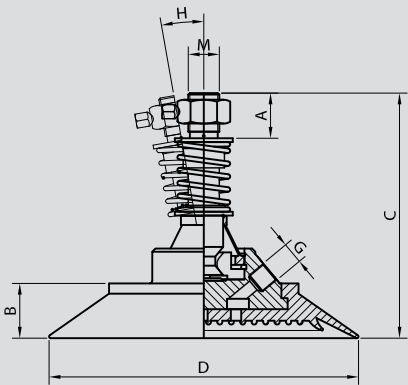
Valve + Spring leveler (VM)



Ø	CARRERA MUELLE SPRING STROKE	A	B	C	D	E	G	M	PESO WEIGHT [g]
170	30	34	36	160	172	4	G1/4"	M24	1305
	60	32	36	215	172	4	G1/4"	M24	1630
240	30	34	42,5	164,5	242	4	G3/8"	M24	2150
	60	32	42,5	219,5	242	4	G3/8"	M24	2500
350	30	34	46	174	354	6	G1/2"	M24	4265
	60	32	46	229	354	6	G1/2"	M24	4573
500	30	34	60	188	500	6	G1/2"	M24	12000
	60	32	60	243	500	6	G1/2"	M24	12313

Rótula + Muelle compensador (CM)

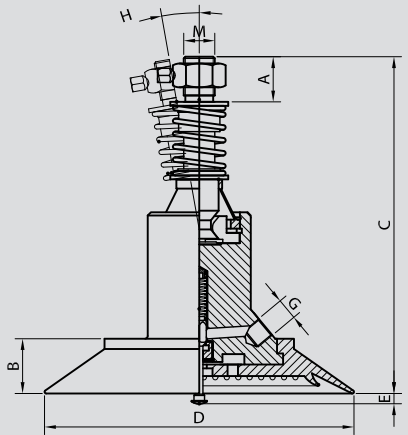
Ball joint + Spring leveler (CM)



Ø	CARRERA MUELLE SPRING STROKE	A	B	C	D	G	H	M	PESO WEIGHT [g]
170	30	34	36	185	172	G1/4"	10°	M20	1361
	60	32	36	240	172	G1/4"	10°	M20	1609
240	30	34	42,5	189,5	242	G3/8"	6°	M24	2405
	60	32	42,5	244,5	242	G3/8"	6°	M24	2731
350	30	34	46	199	354	G1/2"	6°	M24	4537
	60	32	46	254	354	G1/2"	6°	M24	4843
500	30	60	60	213	500	G1/2"	6°	M24	12277
	60	60	60	268	500	G1/2"	6°	M24	12583

Rótula + Válvula + Muelle (CVM)

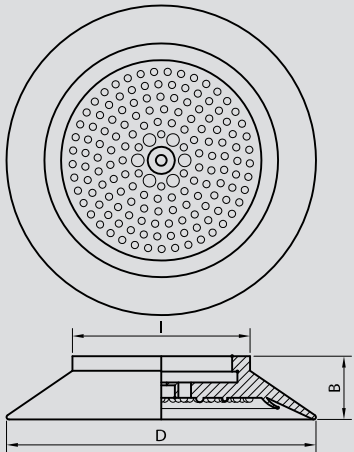
Ball joint + Valve + Spring leveler (CVM)



Ø	CARRERA MUELLE SPRING STROKE	A	B	C	D	E	G	H	M	PESO WEIGHT [g]
170	30	34	36	252	172	4	G1/4"	10°	M20	2026
	60	32	36	307	172	4	G1/4"	10°	M20	2274

Goma de recambio

Rubber spare



Ø	B	D	I
170	36	172	71
240	42,5	245	98,5
350	46	354	147
500	60	500	369