

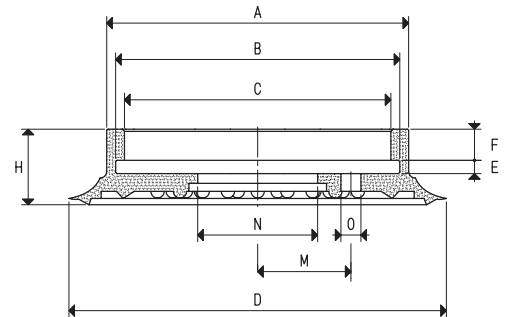
ROUND FLAT VACUUM CUPS WITH SUPPORTS



VACUUM CUPS

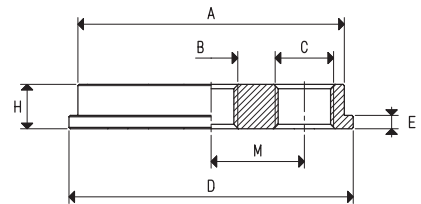
Item	Force Kg	Volume cm ³	A Ø	B Ø	C Ø	D Ø	E	F	H	M	N Ø	O Ø
01 85 15 *	14.18	13.0	68	63	59	85	3	7	17	--	27	--
01 85 16 *	14.18	13.0	68	63	59	85	3	7	17	21	27	4.5

* Complete the code indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon



SUPPORTS

Item	A Ø	B Ø	C Ø	D Ø	E	H	M	For vacuum cup item	Support material	Weight g
00 08 32	60	M12	--	64	3	10	--	01 85 15	aluminium	80.6
00 08 234	60	G1/2"	--	64	3	10	--	01 85 15	aluminium	78.3
00 08 424	60	G1/4"	--	64	3	10	--	01 85 15	aluminium	80.6
00 08 233	60	G3/4"	--	64	3	10	--	01 85 15	aluminium	77.3
00 02 36	60	M8	G1/4"	64	3	10	21	01 85 16	aluminium	78.1
00 06 13	60	M12	G1/4"	64	3	10	21	01 85 16	aluminium	77.1



VACUUM CUPS WITH SUPPORT

Item	Force Kg	A Ø	B Ø	C Ø	D Ø	F	H	M	O Ø	Vacuum cup item	Support item	Weight g
08 85 15 *	14.18	69	M12	--	85	10	17	--	--	01 85 15	00 08 32	110.3
08 85 15 1/2" *	14.18	69	G1/2"	--	85	10	17	--	--	01 85 15	00 08 234	108.0
08 85 15 1/4" *	14.18	69	G1/4"	--	85	10	17	--	--	01 85 15	00 08 424	107.0
08 85 15 3/4" *	14.18	69	G3/4"	--	85	10	17	--	--	01 85 15	00 08 233	107.0
08 85 16 *	14.18	69	M8	G1/4"	85	10	17	21	4.5	01 85 16	00 02 36	107.7
08 85 17 *	14.18	69	M12	G1/4"	85	10	17	21	4.5	01 85 16	00 06 13	106.7

* Complete the code indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130

