

Elliptical vacuum cups

With support, rubber

MATERIAL

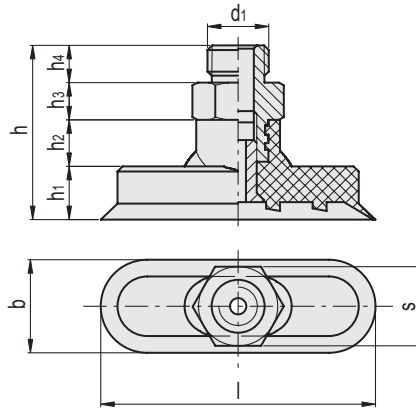
Vacuum cup in oil-proof rubber (NBR), natural (NR), or silicone (VMQ).
Aluminium support.

STANDARD EXECUTIONS

- **VVF-A**: oil-proof rubber.
- **VVF-N**: natural rubber.
- **VVF-S**: silicone rubber.

FEATURES AND APPLICATIONS

The elliptical shape makes them suitable for gripping, handling, and clipping materials or products with elongated surfaces. They are used in many sectors including paper converting (for cardboard cases or boxes), ceramic sector (tiles or bricks) and with iron or stainless steel profiles or sheets.
See Technical Data for vacuum cups (on page -).

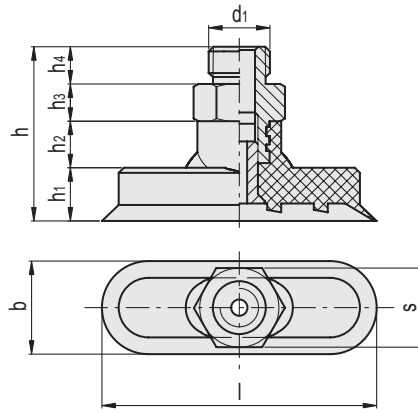


VVF-A

Code	Description	d1	h	h1	h2	h3	h4	b	l	s	F* [Kg]	Volume # [cm3]	△
VV.50001	VVF-08-24-G1/8-A	G1/8	26	5.3	6.7	7	7	8	24	14	0.4	0.2	20
VV.50004	VVF-10-30-G1/8-A	G1/8	26	5	7	7	7	10	30	14	0.7	0.2	20
VV.50007	VVF-12-36-G1/8-A	G1/8	27	6.6	6.4	7	7	12	36	14	1	0.5	21
VV.50010	VVF-15-45-G1/4-A	G1/4	38	7.7	14.3	8	8	15	45	17	1.5	1.2	30
VV.50013	VVF-20-60-G1/4-A	G1/4	37.5	11.5	10	8	8	20	60	17	2.7	2	39
VV.50016	VVF-25-75-G1/4-A	G1/4	37.3	13.7	7.6	8	8	25	75	17	4.3	5	44
VV.50019	VVF-28-85-G1/4-A	G1/4	37.7	13	8.7	8	8	28	85	17	5.5	6.8	51
VV.50022	VVF-35-100-G1/4-A	G1/4	38.2	13.5	8.7	8	8	35	100	17	8	11.9	63

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

Indicates the internal geometric volume of the vacuum cup and represents the volume to be added to the entire distribution circuit for the calculation of the evacuation time, especially if multiple vacuum cups are used.



VVF-N

Code	Description	d1	h	h1	h2	h3	h4	b	l	s	F* [Kg]	Volume # [cm3]	⚖
VV.50002	VVF-08-24-G1/8-N	G1/8	26	5.3	6.7	7	7	8	24	14	0.4	0.2	20
VV.50005	VVF-10-30-G1/8-N	G1/8	26	5	7	7	7	10	30	14	0.7	0.2	20
VV.50008	VVF-12-36-G1/8-N	G1/8	27	6.6	6.4	7	7	12	36	14	1	0.5	21
VV.50011	VVF-15-45-G1/4-N	G1/4	38	7.7	14.3	8	8	15	45	17	1.5	1.2	30
VV.50014	VVF-20-60-G1/4-N	G1/4	37.5	11.5	10	8	8	20	60	17	2.7	2	39
VV.50017	VVF-25-75-G1/4-N	G1/4	37.3	13.7	7.6	8	8	25	75	17	4.3	5	44
VV.50020	VVF-28-85-G1/4-N	G1/4	37.7	13	8.7	8	8	28	85	17	5.5	6.8	51
VV.50023	VVF-35-100-G1/4-N	G1/4	38.2	13.5	8.7	8	8	35	100	17	8	11.9	63

VVF-S

Code	Description	d1	h	h1	h2	h3	h4	b	l	s	F* [Kg]	Volume # [cm3]	⚖
VV.50003	VVF-08-24-G1/8-S	G1/8	26	5.3	6.7	7	7	8	24	14	0.4	0.2	20
VV.50006	VVF-10-30-G1/8-S	G1/8	26	5	7	7	7	10	30	14	0.7	0.2	20
VV.50009	VVF-12-36-G1/8-S	G1/8	27	6.6	6.4	7	7	12	36	14	1	0.5	21
VV.50012	VVF-15-45-G1/4-S	G1/4	38	7.7	14.3	8	8	15	45	17	1.5	1.2	30
VV.50015	VVF-20-60-G1/4-S	G1/4	37.5	11.5	10	8	8	20	60	17	2.7	2	39
VV.50018	VVF-25-75-G1/4-S	G1/4	37.3	13.7	7.6	8	8	25	75	17	4.3	5	44
VV.50021	VVF-28-85-G1/4-S	G1/4	37.7	13	8.7	8	8	28	85	17	5.5	6.8	51
VV.50024	VVF-35-100-G1/4-S	G1/4	38.2	13.5	8.7	8	8	35	100	17	8	11.9	63

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