

Valve breather caps

Technopolymer

COVER

- Polyamide based (PA) technopolymer, semi-matte finish.
- SFV.: RAL 2004 orange, with graphic symbol "valve".
 - SFV.....-C9: RAL 9005 black colour, with graphic symbol "valve".
 - SFV.....-C2-N: RAL 2004 orange, without graphic symbol "valve".
 - SFV.....-C9-N: RAL 9005 black colour, without graphic symbol "valve".

THREADED FITTING

Polyamide based (PA) technopolymer, black colour, semi-matte finish.

PACKING RING

NBR synthetic rubber.

SEALING DISK

Technopolymer with NBR synthetic rubber O-ring.

SPRING

Stainless steel

STANDARD EXECUTIONS

- **SFV-10 mb**: valve (sealing disk) opens when pressure exceeds 0.010 bar (set at 10 mb).
- **SFV-100 mb**: valve (sealing disk) opens when pressure exceeds 0.100 bar (set at 100 mb).

FEATURES AND APPLICATIONS

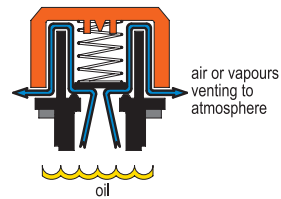
SFV. valve breather caps are particularly suitable for all those applications (speed reducers, variators or compressors) when the internal air pressure must not exceed a certain value (10 or 100 mb). In these cases, the safety valve of the cap allows the expulsion of the exceeding air in the reservoir, thus re-establishing the pressure values for which the valve is set.

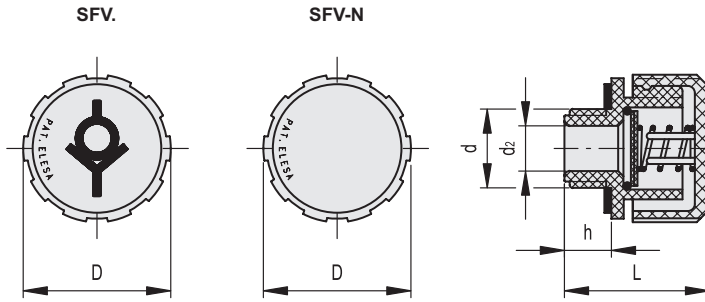
Sealing disc (closed in normal pressure conditions) prevents dust from getting in and oil-losses.



ELESA Original design

Operating layout





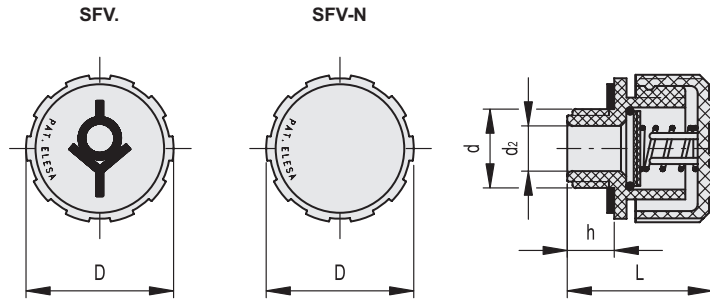
SFV-10 mb

Code	Description	D	d	L	d2	h	⚖
54591	SFV.12x1.5-10mb	31	M12x1.5	29.5	6	9.5	11
54591-C9	SFV.12x1.5-10mb-C9	31	M12x1.5	29.5	6	9.5	11
54601	SFV.14x1.5-10mb	31	M14x1.5	29.5	8	9.5	11
54601-C9	SFV.14x1.5-10mb-C9	31	M14x1.5	29.5	8	9.5	11
54611	SFV.16x1.5 10mb	31	M16x1.5	29.5	10	9.5	12
54611-C9	SFV.16x1.5 10mb-C9	31	M16x1.5	29.5	10	9.5	12
54621	SFV.18x1.5 10mb	31	M18x1.5	29.5	10	9.5	12
54621-C9	SFV.18x1.5 10mb-C9	31	M18x1.5	29.5	10	9.5	12
54631	SFV.20x1.5 10mb	31	M20x1.5	29.5	10	9.5	13
54631-C9	SFV.20x1.5 10mb-C9	31	M20x1.5	29.5	10	9.5	13
54641	SFV.22x1.5 10mb	31	M22x1.5	29.5	10	9.5	13
54641-C9	SFV.22x1.5 10mb-C9	31	M22x1.5	29.5	10	9.5	13
54651	SFV.1/4 10mb	31	G 1/4	29.5	8	9.5	12
54651-C9	SFV.1/4 10mb-C9	31	G 1/4	29.5	8	9.5	12
54661	SFV.3/8 10mb	31	G 3/8	29.5	10	9.5	12
54661-C9	SFV.3/8 10mb-C9	31	G 3/8	29.5	10	9.5	12
54671	SFV.1/2 10mb	31	G 1/2	29.5	10	9.5	13
54671-C9	SFV.1/2 10mb-C9	31	G 1/2	29.5	10	9.5	13
54681	SFV.3/4 10mb	42	G 3/4	36.5	17	11.5	27
54681-C9	SFV.3/4 10mb-C9	42	G 3/4	36.5	17	11.5	25
54691	SFV.1 10mb	42	G 1	36.5	17	11.5	27
54691-C9	SFV.1 10mb-C9	42	G 1	36.5	17	11.5	27

SFV-10 mb-N

Code	Description	D	d	L	d2	h	⚖
54591-C2-N	SFV.12x1.5-10mb-C2-N	31	M12x1.5	29.5	6	9.5	11
54591-C9-N	SFV.12x1.5-10mb-C9-N	31	M12x1.5	29.5	6	9.5	11
54601-C2-N	SFV.14x1.5-10mb-C2-N	31	M14x1.5	29.5	8	9.5	11
54601-C9-N	SFV.14x1.5-10mb-C9-N	31	M14x1.5	29.5	8	9.5	11
54611-C2-N	SFV.16x1.5 10mb-C2-N	31	M16x1.5	29.5	10	9.5	12
54611-C9-N	SFV.16x1.5 10mb-C9-N	31	M16x1.5	29.5	10	9.5	12
54621-C2-N	SFV.18x1.5 10mb-C2-N	31	M18x1.5	29.5	10	9.5	12
54621-C9-N	SFV.18x1.5 10mb-C9-N	31	M18x1.5	29.5	10	9.5	12
54631-C2-N	SFV.20x1.5 10mb-C2-N	31	M20x1.5	29.5	10	9.5	13
54631-C9-N	SFV.20x1.5 10mb-C9-N	31	M20x1.5	29.5	10	9.5	13
54641-C2-N	SFV.22x1.5 10mb-C2-N	31	M22x1.5	29.5	10	9.5	13
54641-C9-N	SFV.22x1.5 10mb-C9-N	31	M22x1.5	29.5	10	9.5	13
54651-C2-N	SFV.1/4 10mb-C2-N	31	G 1/4	29.5	8	9.5	12
54651-C9-N	SFV.1/4 10mb-C9-N	31	G 1/4	29.5	8	9.5	12
54661-C2-N	SFV.3/8 10mb-C2-N	31	G 3/8	29.5	10	9.5	12
54661-C9-N	SFV.3/8 10mb-C9-N	31	G 3/8	29.5	10	9.5	12
54671-C2-N	SFV.1/2 10mb-C2-N	31	G 1/2	29.5	10	9.5	13
54671-C9-N	SFV.1/2 10mb-C9-N	31	G 1/2	29.5	10	9.5	13
54681-C2-N	SFV.3/4 10mb-C2-N	42	G 3/4	36.5	17	11.5	25
54681-C9-N	SFV.3/4 10mb-C9-N	42	G 3/4	36.5	17	11.5	25
54691-C2-N	SFV.1 10mb-C2-N	42	G 1	36.5	17	11.5	27
54691-C9-N	SFV.1 10mb-C9-N	42	G 1	36.5	17	11.5	27





SFV-100 mb

Code	Description	D	d	L	d2	h	⚖
54596	SFV.12x1.5-100mb	31	M12x1.5	29.5	6	9.5	11
54596-C9	SFV.12x1.5-100mb-C9	31	M12x1.5	29.5	6	9.5	11
54606	SFV.14x1.5-100mb	31	M14x1.5	29.5	8	9.5	11
54606-C9	SFV.14x1.5-100mb-C9	31	M14x1.5	29.5	8	9.5	11
54616	SFV.16x1.5 100mb	31	M16x1.5	29.5	10	9.5	12
54616-C9	SFV.16x1.5 100mb-C9	31	M16x1.5	29.5	10	9.5	12
54626	SFV.18x1.5 100mb	31	M18x1.5	29.5	10	9.5	13
54626-C9	SFV.18x1.5 100mb-C9	31	M18x1.5	29.5	10	9.5	13
54636	SFV.20x1.5 100mb	31	M20x1.5	29.5	10	9.5	12
54636-C9	SFV.20x1.5 100mb-C9	31	M20x1.5	29.5	10	9.5	12
54646	SFV.22x1.5 100mb	31	M22x1.5	29.5	10	9.5	13
54646-C9	SFV.22x1.5 100mb-C9	31	M22x1.5	29.5	10	9.5	13
54656	SFV.1/4 100mb	31	G 1/4	29.5	8	9.5	12
54656-C9	SFV.1/4 100mb-C9	31	G 1/4	29.5	8	9.5	12
54666	SFV.3/8 100mb	31	G 3/8	29.5	10	9.5	12
54666-C9	SFV.3/8 100mb-C9	31	G 3/8	29.5	10	9.5	12
54676	SFV.1/2 100mb	31	G 1/2	29.5	10	9.5	13
54676-C9	SFV.1/2 100mb-C9	31	G 1/2	29.5	10	9.5	13
54686	SFV.3/4 100mb	42	G 3/4	36.5	17	11.5	29
54686-C9	SFV.3/4 100mb-C9	42	G 3/4	36.5	17	11.5	29
54696	SFV.1 100mb	42	G 1	36.5	17	11.5	31
54696-C9	SFV.1 100mb-C9	42	G 1	36.5	17	11.5	31

SFV-100 mb-N

Code	Description	D	d	L	d2	h	⚖
54596-C2-N	SFV.12x1.5-100mb-C2-N	31	M12x1.5	29.5	6	9.5	11
54596-C9-N	SFV.12x1.5-100mb-C9-N	31	M12x1.5	29.5	6	9.5	11
54606-C2-N	SFV.14x1.5-100mb-C2-N	31	M14x1.5	29.5	8	9.5	11
54606-C9-N	SFV.14x1.5-100mb-C9-N	31	M14x1.5	29.5	8	9.5	11
54616-C2-N	SFV.16x1.5 100mb-C2-N	31	M16x1.5	29.5	10	9.5	12
54616-C9-N	SFV.16x1.5 100mb-C9-N	31	M16x1.5	29.5	10	9.5	12
54626-C2-N	SFV.18x1.5 100mb-C2-N	31	M18x1.5	29.5	10	9.5	13
54626-C9-N	SFV.18x1.5 100mb-C9-N	31	M18x1.5	29.5	10	9.5	13
54636-C2-N	SFV.20x1.5 100mb-C2-N	31	M20x1.5	29.5	10	9.5	12
54636-C9-N	SFV.20x1.5 100mb-C9-N	31	M20x1.5	29.5	10	9.5	12
54646-C2-N	SFV.22x1.5 100mb-C2-N	31	M22x1.5	29.5	10	9.5	13
54646-C9-N	SFV.22x1.5 100mb-C9-N	31	M22x1.5	29.5	10	9.5	13
54656-C2-N	SFV.1/4 100mb-C2-N	31	G 1/4	29.5	8	9.5	12
54656-C9-N	SFV.1/4 100mb-C9-N	31	G 1/4	29.5	8	9.5	12
54666-C2-N	SFV.3/8 100mb-C2-N	31	G 3/8	29.5	10	9.5	12
54666-C9-N	SFV.3/8 100mb-C9-N	31	G 3/8	29.5	10	9.5	12
54676-C2-N	SFV.1/2 100mb-C2-N	31	G 1/2	29.5	10	9.5	13
54676-C9-N	SFV.1/2 100mb-C9-N	31	G 1/2	29.5	10	9.5	13
54686-C2-N	SFV.3/4 100mb-C2-N	42	G 3/4	36.5	17	11.5	29
54686-C9-N	SFV.3/4 100mb-C9-N	42	G 3/4	36.5	17	11.5	29
54696-C2-N	SFV.1 100mb-C2-N	42	G 1	36.5	17	11.5	31
54696-C9-N	SFV.1 100mb-C9-N	42	G 1	36.5	17	11.5	31