Breather caps

arranged for clicking operation, technopolymer

RoHS PA +100° -30°

COVER

Polyamide based (PA) technopolymer, semi-matte finish.
- SFN.: RAL 2004 orange, marked “OIL”.
- SFN.....-C9: RAL 9005 black colour, marked “OIL”.
- SFN.....-C2-N: RAL 2004 orange, without “OIL” mark.
- SFN.....-C9-N: RAL 9005 black colour, without “OIL” mark.

THREADED FITTING

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

PACKING RING

NBR synthetic rubber.

STANDARD EXECUTIONS

- **SFN.**: without air filter.
- **SFN+F**: with “tech-foam” air filter in polyurethane foam mesh (polyester base), air filtration 40 µ.
- **SFN-BA+F**: with “tech-foam” air filter in polyurethane foam mesh (polyester base), air filtration 40 µ.

Zinc-plated steel sheet bayonet.
Chrome-plated steel safety chain.

MAXIMUM CONTINUOUS WORKING TEMPERATURE

100°C.

FEATURES AND APPLICATIONS

SFN. breather caps, owing to their high air flow rate, are particularly suitable for use on hydraulic power packs or tanks subject to rapid changes in liquid volume.

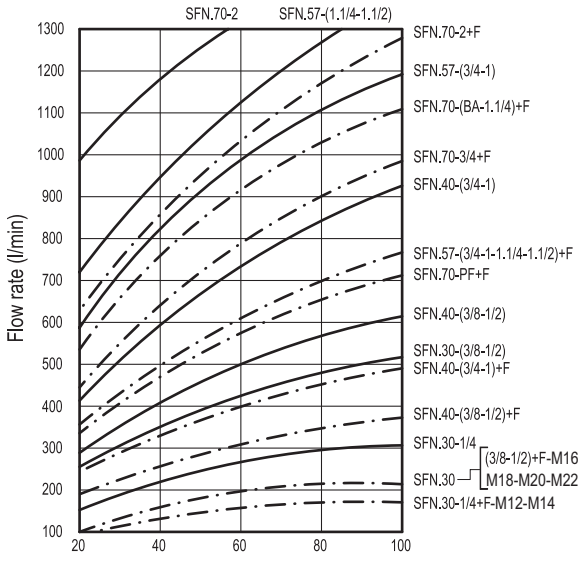
TECHNICAL DATA

Air flow rate for each model can be determined from the graph calculating the difference between the pressure inside and outside the reservoir.



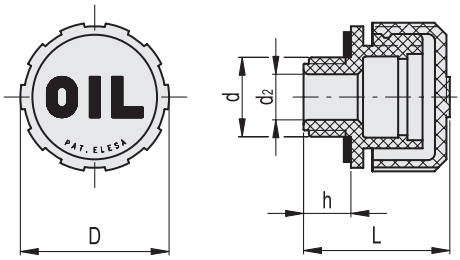


ELESA Original design



(difference between the pressure inside and outside the reservoir)

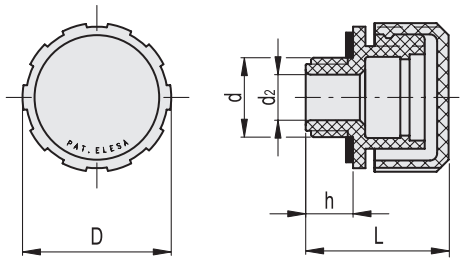
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SFN.

Code	Description	D	L	d	d_2	h	⚖
53895	SFN.30-12x1.5	31	29.5	M12x1.5	6	9.5	10
53895-C9	SFN.30-12x1.5-C9	31	29.5	M12x1.5	6	9.5	10
53896	SFN.30-14x1.5	31	29.5	M14x1.5	8	9.5	10
53896-C9	SFN.30-14x1.5-C9	31	29.5	M14x1.5	8	9.5	10
53871	SFN.30-16x1.5	31	29.5	M16x1.5	10	9	10
53871-C9	SFN.30-16x1.5-C9	31	29.5	M16x1.5	10	9	10
53881	SFN.30-18x1.5	31	29.5	M18x1.5	10	9	10
53881-C9	SFN.30-18x1.5-C9	31	29.5	M18x1.5	10	9	10
53886	SFN.30-20x1.5	31	29.5	M20x1.5	10	9	11
53886-C9	SFN.30-20x1.5-C9	31	29.5	M20x1.5	10	9	11
53891	SFN.30-22x1.5	31	29.5	M22x1.5	13.5	9	11
53891-C9	SFN.30-22x1.5-C9	31	29.5	M22x1.5	13.5	9	10
53922	SFN.40-24x1.5	42	36.5	M24x1.5	18	11.5	22
53922-C9	SFN.40-24x1.5-C9	42	36.5	M24x1.5	18	11.5	22
53923	SFN.40-26x1.5	42	36.5	M26x1.5	18	11.5	23
53923-C9	SFN.40-26x1.5-C9	42	36.5	M26x1.5	18	11.5	23
56151	SFN.30-1/4	31	29.5	G 1/4	8	9.5	10
56151-C9	SFN.30-1/4-C9	31	29.5	G1/4	8	9.5	10
53901	SFN.30-3/8	31	29.5	G 3/8	10	9.5	11
53901-C9	SFN.30-3/8-C9	31	29.5	G3/8	10	9.5	11
53911	SFN.30-1/2	31	29.5	G 1/2	12	9.5	12
53911-C9	SFN.30-1/2-C9	31	29.5	G1/2	12	9.5	12
56181	SFN.40-3/8	42	36.5	G3/8	10	11.5	21
56181-C9	SFN.40-3/8-C9	42	36.5	G3/8	10	11.5	21
56201	SFN.40-1/2	42	36.5	G 1/2	12	11.5	22
56201-C9	SFN.40-1/2-C9	42	36.5	G1/2	12	11.5	22
53921	SFN.40-3/4	42	36.5	G 3/4	18	11.5	24
53921-C9	SFN.40-3/4-C9	42	36.5	G3/4	18	11.5	24
53931	SFN.40-1	42	36.5	G 1	18	11.5	23
53931-C9	SFN.40-1-C9	42	36.5	G1	18	11.5	23
56241	SFN.57-3/4	57	42	G3/4	18	14	42
56241-C9	SFN.57-3/4-C9	57	42	G3/4	18	14	42
56261	SFN.57-1	57	42	G 1	23	14	40
56261-C9	SFN.57-1-C9	57	42	G1	23	14	42
53932	SFN.57-1¼	57	44	G 1 1/4	28	16	44
53932-C9	SFN.57-1¼-C9	57	44	G1 1/4	28	16	44
53933	SFN.57-1½	57	44	G 1 1/2	28	16	44
53933-C9	SFN.57-1½-C9	57	44	G1 1/2	28	16	43
56381	SFN.70-2	70	59	G2	23	17	84
56381-C9	SFN.70-2-C9	70	59	G2	23	17	84

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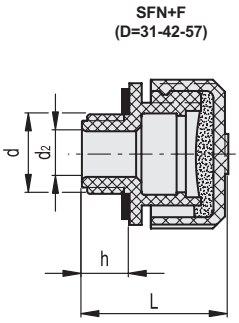


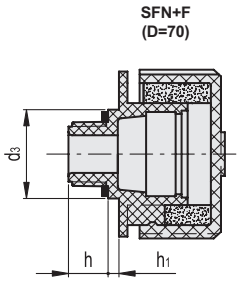
SFN-N

Code	Description	D	L	d	d_2	h	⚖
53895-C2-N	SFN.30-12x1.5-C2-N	31	29.5	M12x1.5	6	9.5	10
53895-C9-N	SFN.30-12x1.5-C9-N	31	29.5	M12x1.5	6	9.5	10
53896-C2-N	SFN.30-14x1.5-C2-N	31	29.5	M14x1.5	8	9.5	10
53896-C9-N	SFN.30-14x1.5-C9-N	31	29.5	M14x1.5	8	9.5	10
53871-C2-N	SFN.30-16x1.5-C2-N	31	29.5	M16x1.5	10	9	10
53871-C9-N	SFN.30-16x1.5-C9-N	31	29.5	M16x1.5	10	9	10
53881-C2-N	SFN.30-18x1.5-C2-N	31	29.5	M18x1.5	10	9	10
53881-C9-N	SFN.30-18x1.5-C9-N	31	29.5	M18x1.5	10	9	10
53886-C2-N	SFN.30-20x1.5-C2-N	31	29.5	M20x1.5	10	9	11
53886-C9-N	SFN.30-20x1.5-C9-N	31	29.5	M20x1.5	10	9	11
53891-C2-N	SFN.30-22x1.5-C2-N	31	29.5	M22x1.5	13.5	9	10
53891-C9-N	SFN.30-22x1.5-C9-N	31	29.5	M22x1.5	13.5	9	10
53922-C2-N	SFN.40-24x1.5-C2-N	42	36.5	M24x1.5	18	11.5	22
53922-C9-N	SFN.40-24x1.5-C9-N	42	36.5	M24x1.5	18	11.5	22
53923-C2-N	SFN.40-26x1.5-C2-N	42	36.5	M26x1.5	18	11.5	23
53923-C9-N	SFN.40-26x1.5-C9-N	42	36.5	M26x1.5	18	11.5	23
56151-C2-N	SFN.30-1/4-C2-N	31	29.5	G1/4	8	9.5	10
56151-C9-N	SFN.30-1/4-C9-N	31	29.5	G1/4	8	9.5	10
53901-C2-N	SFN.30-3/8-C2-N	31	29.5	G3/8	10	9.5	11
53901-C9-N	SFN.30-3/8-C9-N	31	29.5	G3/8	10	9.5	11
53911-C2-N	SFN.30-1/2-C2-N	31	29.5	G1/2	12	9.5	12
53911-C9-N	SFN.30-1/2-C9-N	31	29.5	G1/2	12	9.5	12
56181-C2-N	SFN.40-3/8-C2-N	42	36.5	G3/8	10	11.5	21
56181-C9-N	SFN.40-3/8-C9-N	42	36.5	G3/8	10	11.5	21
56201-C2-N	SFN.40-1/2-C2-N	42	36.5	G1/2	12	11.5	22
56201-C9-N	SFN.40-1/2-C9-N	42	36.5	G1/2	12	11.5	22
53921-C2-N	SFN.40-3/4-C2-N	42	36.5	G3/4	18	11.5	24
53921-C9-N	SFN.40-3/4-C9-N	42	36.5	G3/4	18	11.5	24
53931-C2-N	SFN.40-1-C2-N	42	36.5	G1	18	11.5	23
53931-C9-N	SFN.40-1-C9-N	42	36.5	G1	18	11.5	23
56241-C2-N	SFN.57-3/4-C2-N	57	42	G3/4	18	14	42
56241-C9-N	SFN.57-3/4-C9-N	57	42	G3/4	18	14	42
56261-C2-N	SFN.57-1-C2-N	57	42	G1	23	14	42
56261-C9-N	SFN.57-1-C9-N	57	42	G1	23	14	42
53932-C2-N	SFN.57-1¼-C2-N	57	44	G1 1/4	28	16	44
53932-C9-N	SFN.57-1¼-C9-N	57	44	G1 1/4	28	16	44
53933-C2-N	SFN.57-1½-C2-N	57	44	G1 1/2	28	16	43
53933-C9-N	SFN.57-1½-C9-N	57	44	G1 1/2	28	16	43
56381-C2-N	SFN.70-2-C2-N	70	59	G2	23	17	84
56381-C9-N	SFN.70-2-C9-N	70	59	G2	23	17	84

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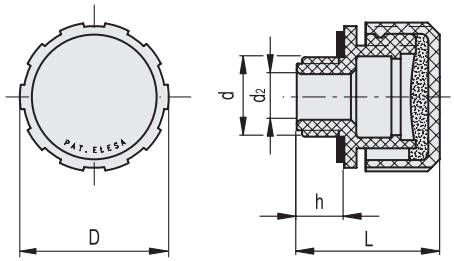


SFN+F

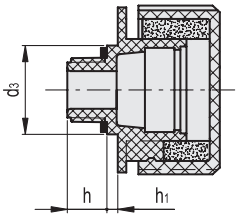
Code	Description	D	L	d	d_2	d_3	h	h_1	⚖
56081	SFN.30-12x1.5+F	31	29.5	M12x1.5	6	-	9.5	-	10
56081-C9	SFN.30-12x1.5+F-C9	31	29.5	M12x1.5	6	-	9.5	-	10
56091	SFN.30-14x1.5+F	31	29.5	M14x1.5	8	-	9.5	-	10
56091-C9	SFN.30-14x1.5+F-C9	31	29.5	M14x1.5	8	-	9.5	-	10
56101	SFN.30-16x1.5+F	31	29.5	M16x1.5	10	-	9	-	10
56101-C9	SFN.30-16x1.5+F-C9	31	29.5	M16x1.5	10	-	9	-	10
56111	SFN.30-18x1.5+F	31	29.5	M18x1.5	10	-	9	-	10
56111-C9	SFN.30-18x1.5+F-C9	31	29.5	M18x1.5	10	-	9	-	10
56131	SFN.30-20x1.5+F	31	29.5	M20x1.5	10	-	9	-	11
56131-C9	SFN.30-20x1.5+F-C9	31	29.5	M20x1.5	10	-	9	-	11
56141	SFN.30-22x1.5+F	31	29.5	M22x1.5	13.5	-	9	-	11
56141-C9	SFN.30-22x1.5+F-C9	31	29.5	M22x1.5	13.5	-	9	-	11
56145	SFN.40-24x1.5+F	42	36.5	M24x1.5	18		11.5		29
56145-C9	SFN.40-24x1.5+F-C9	42	36.5	M24x1.5	18		11.5		29
56146	SFN.40-26x1.5+F	42	36.5	M26x1.5	18		11.5		24
56146-C9	SFN.40-26x1.5+F-C9	42	36.5	M26x1.5	18		11.5		24
56156	SFN.30-1/4+F	31	29.5	G 1/4	8	-	9.5	-	10
56156-C9	SFN.30-1/4+F-C9	31	29.5	G1/4	8	-	9.5	-	10
56161	SFN.30-3/8+F	31	29.5	G 3/8	10	-	9.5	-	11
56161-C9	SFN.30-3/8+F-C9	31	29.5	G3/8	10	-	9.5	-	11
56171	SFN.30-1/2+F	31	29.5	G 1/2	12	-	9.5	-	11
56171-C9	SFN.30-1/2+F-C9	31	29.5	G1/2	12	-	9.5	-	11
56191	SFN.40-3/8+F	42	36.5	G 3/8	10	-	11.5	-	21
56191-C9	SFN.40-3/8+F-C9	42	36.5	G3/8	10	-	11.5	-	21
56211	SFN.40-1/2+F	42	36.5	G 1/2	12	-	11.5	-	23
56211-C9	SFN.40-1/2+F-C9	42	36.5	G1/2	12	-	11.5	-	23
56221	SFN.40-3/4+F	42	36.5	G3/4	18	-	11.5	-	23
56221-C9	SFN.40-3/4+F-C9	42	36.5	G3/4	18	-	11.5	-	22
56231	SFN.40-1+F	42	36.5	G 1	18	-	11.5	-	24
56231-C9	SFN.40-1+F-C9	42	36.5	G1	18	-	11.5	-	24
56251	SFN.57-3/4+F	57	42	G 3/4	18	-	14	-	40
56251-C9	SFN.57-3/4+F-C9	57	42	G3/4	18	-	14	-	40
56271	SFN.57-1+F	57	42	G 1	23	-	14	-	42
56271-C9	SFN.57-1+F-C9	57	42	G1	23	-	14	-	42
56281	SFN.57-1¼+F	57	44	G 1 1/4	28	-	16	-	44
56281-C9	SFN.57-1¼+F-C9	57	44	G1 1/4	28	-	16	-	44
56291	SFN.57-1½+F	57	44	G 1 1/2	28	-	16	-	45
56291-C9	SFN.57-1½+F-C9	57	44	G1 1/2	28	-	16	-	45
54701	SFN.70-3/4+F	70	63	G3/4	16	35	15	6	82
54701-C9	SFN.70-3/4+F-C9	70	63	G3/4	16	35	15	6	77
54711	SFN.70-1¼+F	70	59	G 1 1/4	23	-	17	-	81
54711-C9	SFN.70-1¼+F-C9	70	59	G1 1/4	23	-	17	-	81
56391	SFN.70-2+F	70	59	G2	23	-	17	-	91
56391-C9	SFN.70-2+F-C9	70	59	G2	23	-	17	-	91

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SFN+F-N (D=31-42-57)



SFN+F-N (D=70)

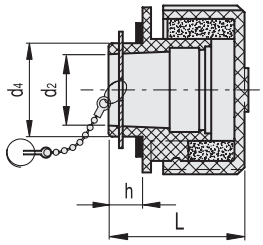


SFN+F-N

Code	Description	D	L	d	d_2	d_3	h	h_1	⚖
56081-C2-N	SFN.30-12x1.5+F-C2-N	31	29.5	M12x1.5	6	-	9.5	-	10
56081-C9-N	SFN.30-12x1.5+F-C9-N	31	29.5	M12x1.5	6	-	9.5	-	10
56091-C2-N	SFN.30-14x1.5+F-C2-N	31	29.5	M14x1.5	8	-	9.5	-	10
56091-C9-N	SFN.30-14x1.5+F-C9-N	31	29.5	M14x1.5	8	-	9.5	-	10
56101-C2-N	SFN.30-16x1.5+F-C2-N	31	29.5	M16x1.5	10	-	9	-	10
56101-C9-N	SFN.30-16x1.5+F-C9-N	31	29.5	M16x1.5	10	-	9	-	10
56111-C2-N	SFN.30-18x1.5+F-C2-N	31	29.5	M18x1.5	10	-	9	-	10
56111-C9-N	SFN.30-18x1.5+F-C9-N	31	29.5	M18x1.5	10	-	9	-	10
56131-C2-N	SFN.30-20x1.5+F-C2-N	31	29.5	M20x1.5	10	-	9	-	11
56131-C9-N	SFN.30-20x1.5+F-C9-N	31	29.5	M20x1.5	10	-	9	-	11
56141-C2-N	SFN.30-22x1.5+F-C2-N	31	29.5	M22x1.5	13.5	-	9	-	11
56141-C9-N	SFN.30-22x1.5+F-C9-N	31	29.5	M22x1.5	13.5	-	9	-	11
56145-C2-N	SFN.40-24x1.5+F-C2-N	42	36.5	M24x1.5	18		11.5		29
56145-C9-N	SFN.40-24x1.5+F-C9-N	42	36.5	M24x1.5	18		11.5		29
56146-C2-N	SFN.40-26x1.5+F-C2-N	42	36.5	M26x1.5	18		11.5		24
56146-C9-N	SFN.40-26x1.5+F-C9-N	42	36.5	M26x1.5	18		11.5		24
56156-C2-N	SFN.30-1/4+F-C2-N	31	29.5	G1/4	8	-	9.5	-	10
56156-C9-N	SFN.30-1/4+F-C9-N	31	29.5	G1/4	8	-	9.5	-	10
56161-C2-N	SFN.30-3/8+F-C2-N	31	29.5	G3/8	10	-	9.5	-	11
56161-C9-N	SFN.30-3/8+F-C9-N	31	29.5	G3/8	10	-	9.5	-	11
56171-C2-N	SFN.30-1/2+F-C2-N	31	29.5	G1/2	12	-	9.5	-	11
56171-C9-N	SFN.30-1/2+F-C9-N	31	29.5	G1/2	12	-	9.5	-	11
56191-C2-N	SFN.40-3/8+F-C2-N	42	36.5	G3/8	10	-	11.5	-	21
56191-C9-N	SFN.40-3/8+F-C9-N	42	36.5	G3/8	10	-	11.5	-	21
56211-C2-N	SFN.40-1/2+F-C2-N	42	36.5	G1/2	12	-	11.5	-	23
56211-C9-N	SFN.40-1/2+F-C9-N	42	36.5	G1/2	12	-	11.5	-	23
56221-C2-N	SFN.40-3/4+F-C2-N	42	36.5	G3/4	18	-	11.5	-	22
56221-C9-N	SFN.40-3/4+F-C9-N	42	36.5	G3/4	18	-	11.5	-	22
56231-C2-N	SFN.40-1+F-C2-N	42	36.5	G1	18	-	11.5	-	24
56231-C9-N	SFN.40-1+F-C9-N	42	36.5	G1	18	-	11.5	-	24
56251-C2-N	SFN.57-3/4+F-C2-N	57	42	G3/4	18	-	14	-	40
56251-C9-N	SFN.57-3/4+F-C9-N	57	42	G3/4	18	-	14	-	40
56271-C2-N	SFN.57-1+F-C2-N	57	42	G1	23	-	14	-	42
56271-C9-N	SFN.57-1+F-C9-N	57	42	G1	23	-	14	-	42
56281-C2-N	SFN.57-1¼+F-C2-N	57	44	G1 1/4	28	-	16	-	44
56281-C9-N	SFN.57-1¼+F-C9-N	57	44	G1 1/4	28	-	16	-	44
56291-C2-N	SFN.57-1½+F-C2-N	57	44	G1 1/2	28	-	16	-	45
56291-C9-N	SFN.57-1½+F-C9-N	57	44	G1 1/2	28	-	16	-	45
54701-C2-N	SFN.70-3/4+F-C2-N	70	63	G3/4	16	35	15	6	77
54701-C9-N	SFN.70-3/4+F-C9-N	70	63	G3/4	16	35	15	6	77
54711-C2-N	SFN.70-1¼+F-C2-N	70	59	G1 1/4	23	-	17	-	81
54711-C9-N	SFN.70-1¼+F-C9-N	70	59	G1 1/4	23	-	17	-	81
56391-C2-N	SFN.70-2+F-C2-N	70	59	G2	23	-	17	-	91
56391-C9-N	SFN.70-2+F-C9-N	70	59	G2	23	-	17	-	91

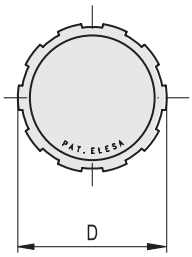
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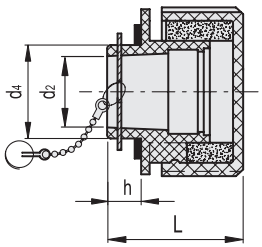




SFN-BA+F

Code	Description	D	L	d_2	d_4	h	⚖
54731	SFN.70-BA+F	70	56	23	39	14	90
54731-C9	SFN.70-BA+F-C9	70	56	23	39	14	90





SFN-BA+F-N

Code	Description	D	L	d_2	d_4	h	⚖
54731-C2-N	SFN.70-BA+F-C2-N	70	56	23	39	14	90
54731-C9-N	SFN.70-BA+F-C9-N	70	56	23	39	14	90

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