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**COVER**

Polyamide based (PA) technopolymer, RAL 2004 orange, semi-matte finish, valve symbol.

**FITTING**

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

**PACKING RINGS**

Two NBR synthetic rubber O-rings.

**SEALING DISK**

Technopolymer with NBR synthetic rubber O-ring.

**SPRING**

Stainless steel.

**STANDARD EXECUTIONS**

**TP-SV-10mb:** valve (sealing disk) opens when pressure exceeds 0.010 bar (set at 10 mb).

**TP-SV-100mb:** valve (sealing disk) opens when pressure exceeds 0.100 bar (set at 100 mb).

**MAXIMUM CONTINUOUS WORKING TEMPERATURE**

80°C.

**FEATURES AND APPLICATIONS**

Push-fit avoids the need to screw/unscrew, allowing for quick installation. See Fig.1 for the dimensions of the assembly hole. Chamfer hole 1x45° the outside survice to make assembly easier.

TP-SV 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.

The product is designed to vent slight overpressures; the pressure inside the tank must not exceed 200 mb, under optimum conditions of cleanliness of the assembly hole and at room temperature.

**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

Operating layout

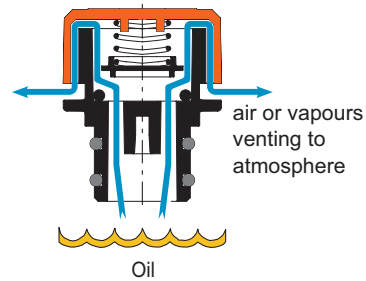
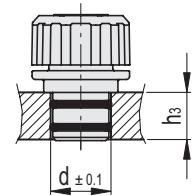
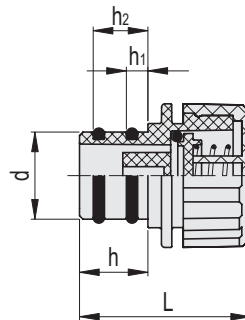
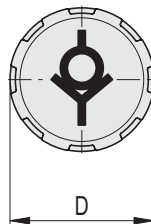


Fig.1

Description	d ± 0.1	h3 min
TP-SV.30-18	18	15
TP-SV.40-20	20	20
TP-SV.40-26	26	20
TP-SV.40-30	30	20



Conversion Table	
1 mm = 0,039 inch	
D	
mm	inch
30.5	1.19
42.5	1.66



**TP-SV-10mb**

METRIC

Code	Description	D	d	L	h	h1	h2	△
60301-C2	TP-SV.30-18-10mb-C2	30.5	18	39.5	15	4.5	12	15
60311-C2	TP-SV.40-20-10mb-C2	42.5	20	48.5	20	6.5	16	27
60321-C2	TP-SV.40-26-10mb-C2	42.5	26	48.5	20	6.5	16	29
60331-C2	TP-SV.40-30-10mb-C2	42.5	30	48.5	20	6.5	16	30

**TP-SV-100mb**

METRIC

Code	Description	D	d	L	h	h1	h2	△
60306-C2	TP-SV.30-18-100mb-C2	30.5	18	39.5	15	4.5	12	13
60316-C2	TP-SV.40-20-100mb-C2	42.5	20	48.5	20	6.5	16	28
60326-C2	TP-SV.40-26-100mb-C2	42.5	26	48.5	20	6.5	16	30
60336-C2	TP-SV.40-30-100mb-C2	42.5	30	48.5	20	6.5	16	31