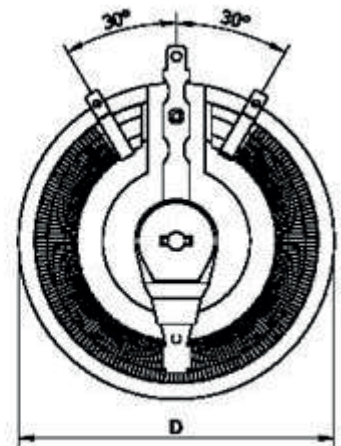
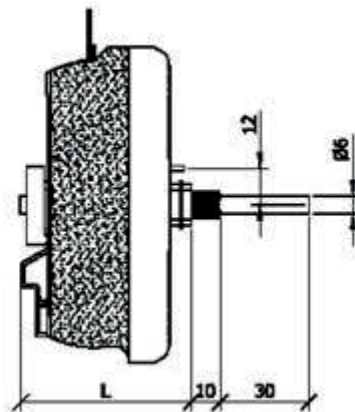
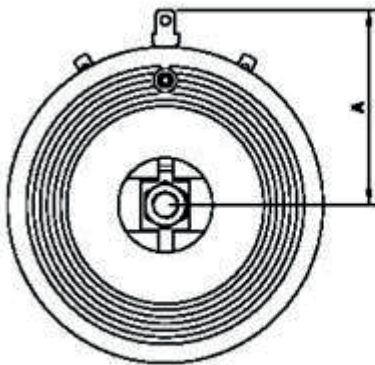


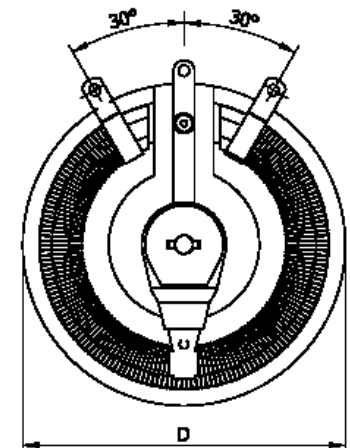
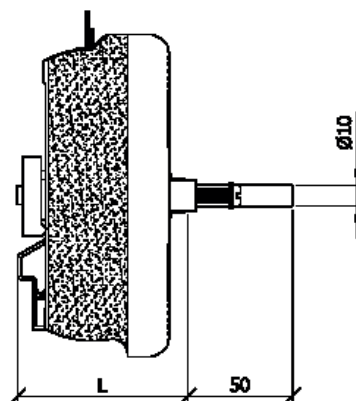
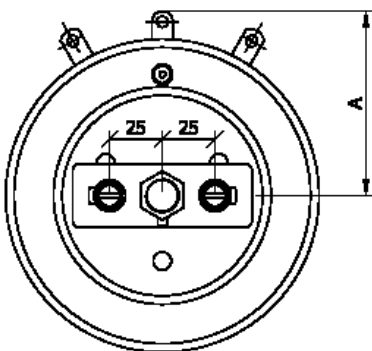
TOROIDAL RHEOSTATS AND POTENTIOMETER MODEL TS-TP

TECHNICAL DESIGN

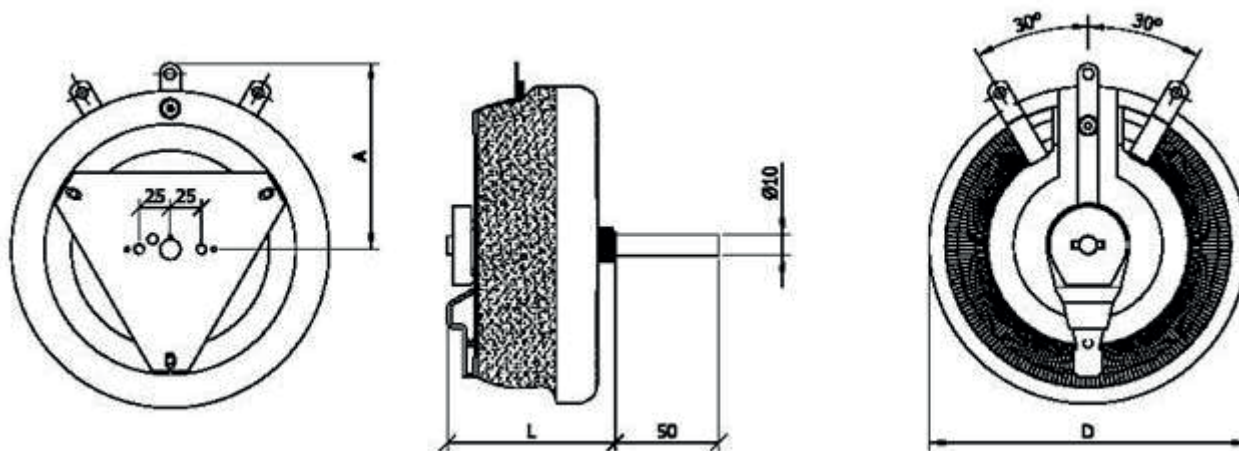
TS / TP 25 - 150



TS / TP 225 - 500



TS / TP 1000 - 1500



TYPE	TS-TP	25	50	75	100	150	225	300	500	1000	1500
POWER RATING [W]		25	50	75	100	150	225	300	500	1000	1500
MIN. OHMIC VALUE [Ω]		1	1	1	1	1	1	1	1R5	2R7	4R7
MAX. OHMIC VALUE [Ω]		4,7 K	8,2 K	10 K	15 K	18 K	22 K	22 K	27 K	27 K	27K
MECHANICAL ROTATION		300	300	300	300	300	300	300	300	310	310
ELECTRICAL ROTATION		280	280	280	280	280	290	290	290	300	300
TORQUE [kg.cm]		0,15-0,25	0,15-0,25	0,15-0,25	0,4-0,7	0,4-0,7	1,5-2,5	1,5-2,5	1,5-2,5	3-4,5	3-5,5
WEIGHT gr.		80	140	200	390	570	1200	1500	2400	3200	3800

TYPE	TS-TP	25	50	75	100	150	225	300	500	1000	1500
D mm		42	58	68	85	104	148	148	148	250	250
L mm		32	35	39	53	54	53	66	106	86	116
A mm		29	39	45	58	65	87	87	87	145	145

GENERAL FEATURES

These rheostats consist of a toroid-shaped ring, wound with resistive wire and fixed with vitreous enamel to a disc-shaped ceramic support. The vitreous lining covers the entire toroid, except for a contact track with a sliding cursor.

In the TP version the lining is fixed with ceramic cement.

Maximum Temperature: For normal use, it is advisable not to exceed 340° C, measured at the hottest point.

Temperature coefficient: Normally less than 70 ppm/°C, which is greater only for extremely low values.

The temperature coefficient is always positive.

Insulation to mass: Rheostat parts under tension are insulated towards the mass for tensions up to 1000 V

Ohm values: The rheostats are produced with the ohm values foreseen in the E12 series or, on request, with any ohm value.

Tapered Rheostats: To avoid the use of high power rheostats that take up a lot of space, with winding dimensions in proportion to the highest voltage that passes through the circuit, it is advisable to use rheostats sized with winding wire in variable sections.

The design is developed on a time-by-time basis by our technicians, according to customer specifications.

Tolerance: The normal tolerance of ohm values is $-0 +20\%$.

SPECIAL ELECTRICAL PRODUCTS

- With tapered windings
- With reduced electric angle
- With zeroed key
- With one or more fixed intermediate sockets
- With winding in several electrically separated sections.

MAXIMUM LOAD LIMITS

The nominal power indicated in the table may be subject to limitations as a function of the conditions of use of the rheostat, which must not work in environments with temperatures above 100° C in order to avoid compromising some of its components.