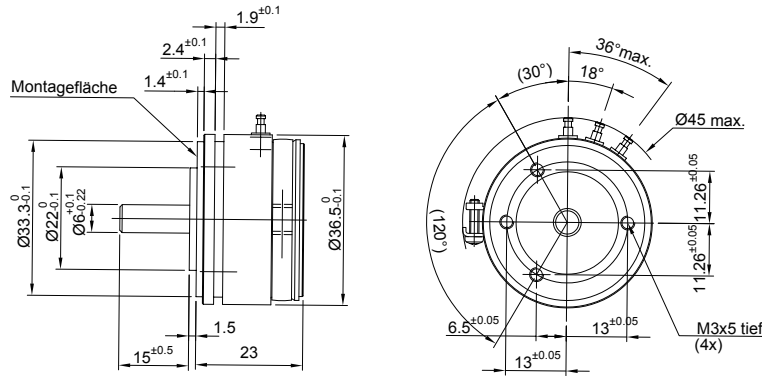


36 mm 2 Watt Industrial Single Turn,
Servo Mount, Conductive Plastic

- 2 Ball Bearings
- Long Life 30x10⁶ Revolutions
- All Metal Design



all dimensions in mm

ELECTRICAL CHARACTERISTICS

Resistance element	Conductive plastic
Standard resistance values (Ω)	1k, 5k, 10k
Standard resistance tolerance (%)	(typ. IEC 60393) ±15
Standard linearity tolerance (%)	(typ. IEC 60393) ±0,5
Best independent linearity tolerance (%)	(typ. IEC 60393) ± 0,5; 0,2
Resolution	quasi infinite
Power rating (+70°C)	2 Watt
Electrical travel	(90°±5°, 180°±5°) 345°±5°
Wiper current	<1mA (1µA recommended)
Output smoothness (%)	<0,1%
Dielectric strenght	500VAC
Insulation resistance	1000 MOhm /500VDC

MECHANICAL CHARACTERISTICS

Mechanical angle	360°
Torque starting	≤ 0,5 Ncm
Rotational life (shaft revolutions)	(typ. IEC 60393) 30x10 ⁶
max. Operating speed	400 rpm
Bearing type:	2xball bearings
Operating temperature:	-55°C to +125°C

Application: Servomount Size 15 precision potentiometers of the RSS36 family are one of the most economical rotary available sensors. The element assure together with a precious metal wiper comoulded very long life at even higher speed. Many mechanical options, such as close linearity tolerances and availability in 5 kOhms and 10 kOhms, always from stock makes them a widely used automation component in the machine building industry.



RSS36RA with rear shaft



2RSS36 Tandem version



2RSS36RA Tandem version with rear shaft extension

OPTIONS ON REQUEST

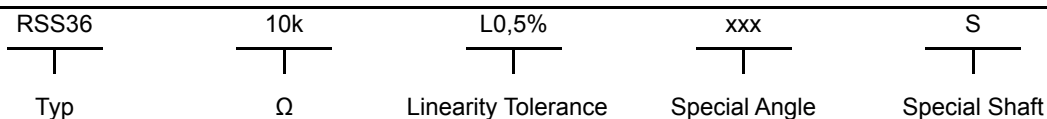
- Special resistance value
- Special linearity
- Special shaft (S)

MATERIAL

Housing	Anodized aluminium
Shaft	Stainless steel
Terminals	Brass, gold plated

Detailed information: www.megauto.de/rotasense

ORDERING INFORMATION



Please note: The specification and information in this datasheet cannot consider all special demands that are caused by the application. Because of this, they are no general description of the properties of the product. Megauto does not assume any responsibility for damages due to improper application or our products. The user has to ensure by its own, that the products used are suitable for his application. Megauto does not warrant the reproducibility of published applications.