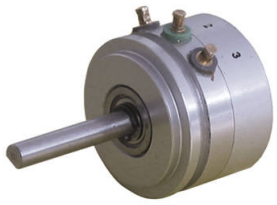
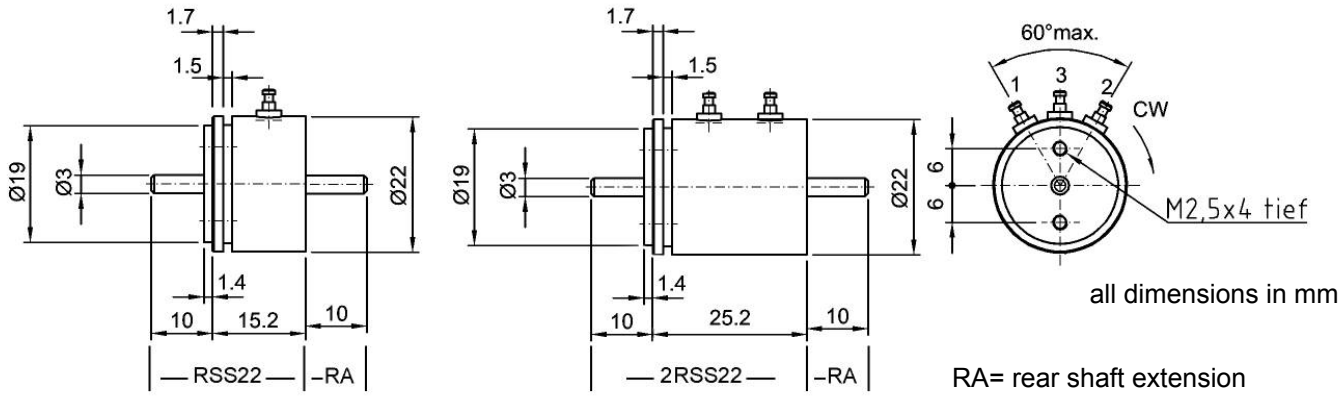
7/8`` (22 mm) 0,5 Watt Industrial Single Turn, Servo Mount, Conductive Plastic

- 2 Ball Bearings
- Long Life 15 x10^6 Revolutions
- Small Size (22 mm Ø)
- All Metal Design



RSS22



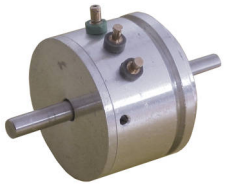
all dimensions in mm

RA= rear shaft extension

ELECTRICAL CHARACTERISTICS

Resistance element	Conductive plastic
Standard resistance values (Ω)	1k, 5k...Ohms
Standard resistance tolerance (%)	(typ. IEC 60393) ± 15
Standard linearity tolerance (%)	(typ. IEC 60393) ± 0,5

Resolution	infinite
Power rating (+70°C)	1 Watt
Electrical travel	320° ± 4°
Wiper current	<1mA (1µA recommended)
Output smoothness	<0,1%
Dielectric strenght	500VAC
Insulation resistance	500 MOhm/500VDC



RSS22RA with rear shaft

2RSS22 Tandem version

2RSS22RA Tandem version with rear shaft extension

MECHANICAL CHARACTERISTICS

Mechanical angle	360° without stop
Torque starting	(typ. IEC 60393) 0,3 Ncm
Rotational life (shaft revolutions)	15x10^6
max. Operating speed	400 rpm
Bearing type:	2xball bearings
Operating temperature:	-55°C to +125°C

Application: Long life servo-mount rotary position sensor for preset and feedback applications in small instruments and machines. Mechanical modifications in production quantities possible. Ball bearings, extremely smooth resistance track together with precision multifinger wiper ensure a high resolution in voltage divider circuits.

MATERIAL

Housing	anodized aluminium
Shaft	stainless steel
Terminals	brass, gold platened

ORDERING INFORMATION

Detailed information: www.megauto.de/rotasense

RSS22	10k	/	L0,5%	/	/
Typ	Ω	continuous (C)	Linearity	Special Angle	Special Shaft

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