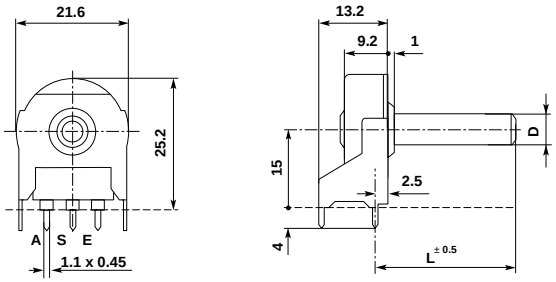
Mechanical data

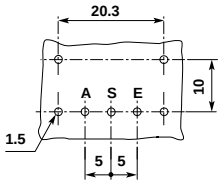
Rotation angle:	300° ± 5°
Operating torque:	0.4 ÷ 1.5 Ncm
Permissible torque at end stop:	80 Ncm max
Permissible axial spindle load:	100 N (5 sec max)
Tap:	Z2 at 50% or 57% of rotation
Weight, std. spindle:	~ 10 g

Electrical data

Rated dissipation @ 40°C:	0.4 W linear law 0.2 W non-linear law
Limiting element voltage:	500 VDC
Insulation resistance:	≥ 5 GΩ
Insulation voltage:	1000 VAC
Rated resistance: E3 Series; optional E6 Series	
• linear law:	100R to 4M7
• non-linear law:	1K0 to 2M2
Tolerance on rated resistance:	
• 100R to 1M0:	± 20%
• over 1M0:	± 30%
• optional (1K0 to 1M0):	± 10%
Resistance law:	A, B, C, F, S, T, X,
• with tap:	A2, B2, S2



P20S



viewed on
component side

Standard spindle
L = 50 mm, plastic, F1 type
D = 6 mm

Spindle variations

D mm	Available types	
	Plastic Spindle	Metal Spindle
6	Fixed Plug-in	Fixed
4	Fixed	Fixed

Spindle details: see p. 109 to 111
Normalised spindles: see p. 112