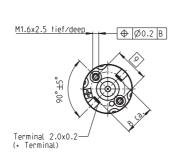
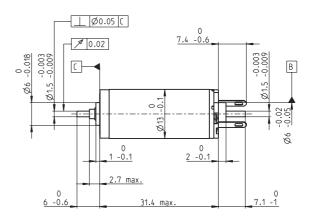
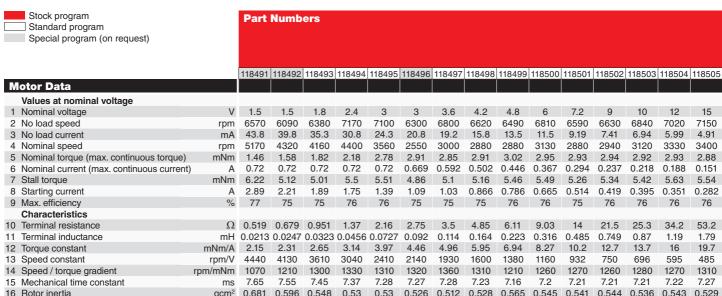
## RE 13 Ø13 mm, Precious Metal Brushes, 2 Watt





M 1:1



## gcm<sup>2</sup> 0.681 0.596 0.512 0.528 0.548 0.53 0.53 0.526 0.565 0.545 0.541 0.544 0.536 0.543 **Specifications** Comments **Operating Range** Thermal data n [rpm] 33 K/W Thermal resistance housing-ambient In observation of above listed thermal resistance Thermal resistance winding-housing 7.0 K/W 2.0 W 12000 (lines 17 and 18) the maximum permissible winding Thermal time constant winding 4.88 s temperature will be reached during continuous op-118501 10000 Thermal time constant motor 229 s eration at 25°C ambient. Ambient temperature -20...+65°C 8000 = Thermal limit. Max. permissible winding temperature +85°C 6000 Mechanical data (sleeve bearings) Short term operation 4000 Max. permissible speed 11000 rpm The motor may be briefly overloaded (recurring). 0.05 - 0.15 mm 24 Axial play Radial play 0.014 mm Max. axial load (dynamic) 0.8 N 2.0 3.0 M [mNm] Assigned power rating Max. force for press fits (static) 15 N 0.2 0.3 0.4 i [A] (static, shaft supported) 95 N Max. radial load, 5 mm from flange 1.4 N naxon Modular System Other specifications Overview on page 20-25 Number of pole pairs **Encoder MR** 30 Number of commutator segments 16 CPT, Weight of motor 21 g 2 channels Page 312

Values listed in the table are nominal. Explanation of the figures on page 79.

**Encoder MR** 

64 - 256 CPT,