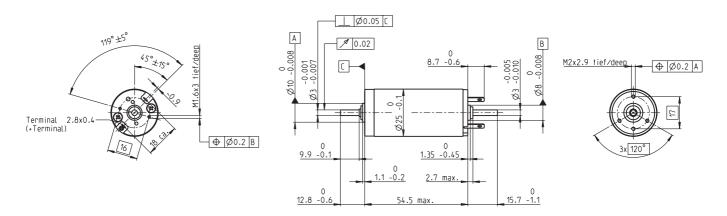
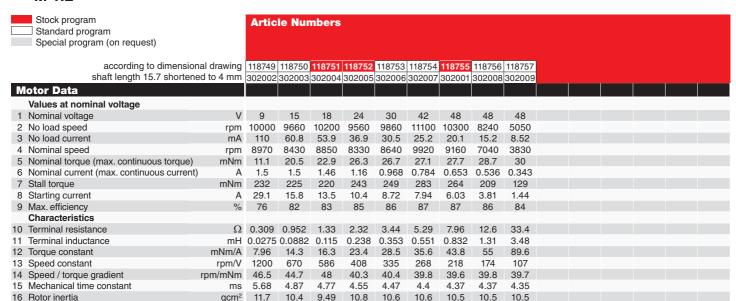
RE 25 Ø25 mm, Graphite Brushes, 20 Watt



M 1:2



Specifications Operating Range Comments Thermal data n [rpm] 14 K/W Thermal resistance housing-ambient In observation of above listed thermal resistance Thermal resistance winding-housing 3.1 K/W 20 W (lines 17 and 18) the maximum permissible winding 15000 12.5 s Thermal time constant winding temperature will be reached during continuous ope-118752 Thermal time constant motor 20 612 s ration at 25°C ambient. Ambient temperature -30...+100°C 10000 = Thermal limit. 22 Max. permissible winding temperature +125°C Mechanical data (ball bearings) Short term operation 5000 23 Max. permissible speed 14000 rpm The motor may be briefly overloaded (recurring). 24 Axial play 0.05 - 0.15 mm 0.025 mm Radial play Max. axial load (dynamic) 3.2 N 20 30 M [mNm] Assigned power rating 27 Max. force for press fits (static) 64 N 0.5 1.0 1.5 İ[A] (static, shaft supported) 800 N 28 Max. radial loading, 5 mm from flange 16 N Other specifications maxon Modular System Overview on page 16 - 21

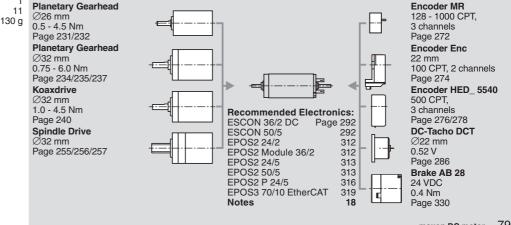
Number of pole pairs Number of commutator segments Weight of motor

Values listed in the table are nominal. Explanation of the figures on page 49

Option

29

Preloaded ball bearings



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