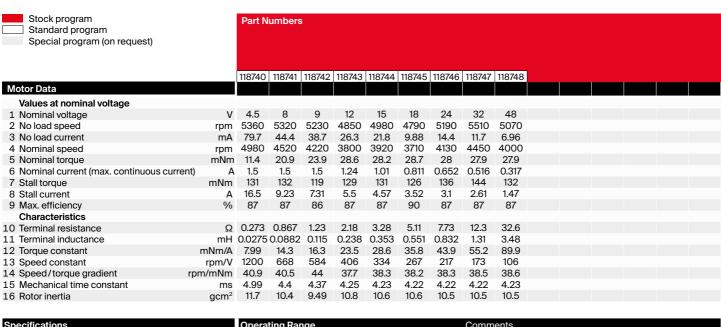
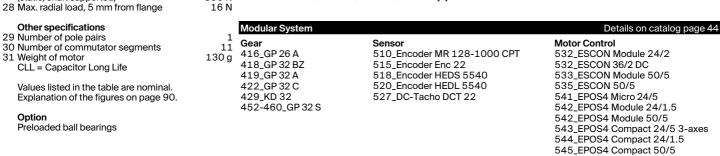


M 1:2



Specifications **Operating Range** Comments Thermal data n [rpm] Continuous operation 14 K/W Thermal resistance housing-ambient In observation of above listed thermal resistance 18 Thermal resistance winding-housing 3.1 K/W 10 W (lines 17 and 18) the maximum permissible winding 6000 19 Thermal time constant winding $12.5\,\mathrm{s}$ temperature will be reached during continuous 20 Thermal time constant motor 118743 612s operation at 25°C ambient. -20...+85°C 21 Ambient temperature 4000 = Thermal limit. 22 Max. winding temperature +100°C Mechanical data (ball bearings) Short term operation 5500 rpm 0.05 - 0.15 mm 2000 23 Max. speed The motor may be briefly overloaded (recurring). 24 Axial play 25 Radial play 0.025 mm Assigned power rating 3.2 N 64 N 26 Max. axial load (dynamic) 10 20 30 M [mNm] 27 Max. force for press fits (static) (static, shaft supported) 800 N 0.5 1.0 i[A]



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April 2022 edition / subject to change