

RE



Part Numbers

118749	118750	118751	118752	118753	118754	118755	118756	118757
302002	302003	302004	302005	302006	302007	302001	302008	302009

Specifications	Operating Range	Comments
Thermal data 17 Thermal resistance housing-ambient 14 K/W 18 Thermal resistance winding-housing 3.1 K/W 19 Thermal time constant winding 12.5 s 20 Thermal time constant motor 612 s 21 Ambient temperature -30...+100°C 22 Max. winding temperature +125°C	n [rpm] 	<div style="background-color: red; width: 20px; height: 10px; display: inline-block; margin-right: 5px;"></div> Continuous operation In observation of above listed thermal resistance (lines 17 and 18) the maximum permissible winding temperature will be reached during continuous operation at 25°C ambient. = Thermal limit.
Mechanical data (ball bearings) 23 Max. speed 14 000 rpm 24 Axial play 0.05 - 0.15 mm 25 Radial play 0.025 mm 26 Max. axial load (dynamic) 3.2 N 27 Max. force for press fits (static) 64 N (static, shaft supported) 800 N 28 Max. radial load, 5 mm from flange 16 N	<div style="border: 1px solid black; width: 20px; height: 10px; display: inline-block; margin-right: 5px;"></div> Short term operation The motor may be briefly overloaded (recurring).	
Other specifications 29 Number of pole pairs 1 30 Number of commutator segments 11 31 Weight of motor 130 g	maxon Modular System Planetary Gearhead Ø26 mm	<div style="display: flex; align-items: center;"> </div>
		Encoder MR 128 - 1000 CPT,

maxon Modular System

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Brake AB 28
 24 VDC
 0.4 Nm
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