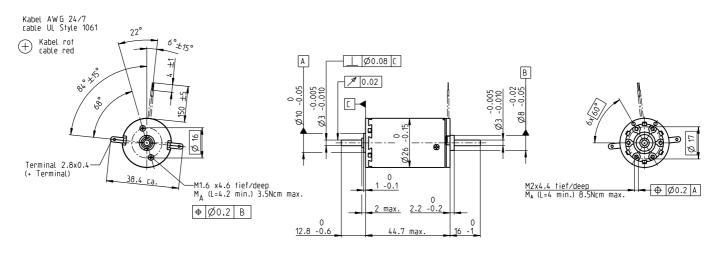
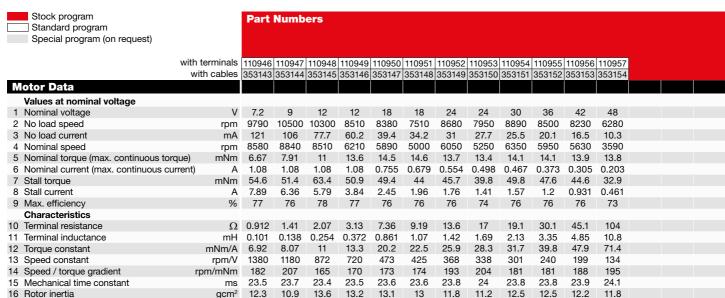
A-max 26 Ø26 mm, Graphite Brushes, 6 Watt



M 1:2



16 Rotor inertia 12.3 10.9 **Specifications** Comments Operating Range Thermal data n [rpm] 13.2 K/W Thermal resistance housing-ambient In observation of above listed thermal resistance 6.0 W Thermal resistance winding-housing 3.2 K/W (lines 17 and 18) the maximum permissible winding 10000 110950 19 Thermal time constant winding 12.5 s temperature will be reached during continuous op-Thermal time constant motor 660 s eration at 25°C ambient. -30...+85°C Ambient temperature = Thermal limit. 6000 22 Max. winding temperature +125°C 4000 Mechanical data (ball bearings) Short term operation 10400 rpm 23 Max. speed The motor may be briefly overloaded (recurring). 0.1 - 0.2 mm Axial play 25 Radial play 0.025 mm 20 M [mNm] 10 15 Max. axial load (dynamic) 5 N Assigned power rating 75 N Max. force for press fits (static) 0.8 1.2 1 [A] 1200 N (static, shaft supported) 28 Max. radial load, 5 mm from flange 20 N Overview on page 28-36 Mechanical data (sleeve bearings) maxon Modular System 10400 rpm 23 Max. speed **Planetary Gearhead Encoder MR** 0.1 - 0.2 mm Axial play 128 - 1000 CPT, Ø26 mm Radial play 0.012 mm 0.75 - 4.5 Nm 3 channels Max. axial load (dynamic) 1.7 N Page 340 Page 419 80 N Max. force for press fits (static) Spur Gearhead **Recommended Electronics: Encoder Enc** (static, shaft supported) 1200 N Ø30 mm Page 30 **Notes** 28 Max, radial load, 5 mm from flange 5.5 N 100 CPT, 2 channels 0.07 - 0.2 Nm ESCON Module 24/2 Page 426 Page 341 ESCON 36/2 DC 444 Other specifications Encoder HED_ 5540 500 CPT, Number of pole pairs **Planetary Gearhead** ESCON Module 50/5 445 Ø32 mm 30 Number of commutator segments 13 ESCON 50/5 447 0.75 - 6.0 Nm 100 g Weight of motor 3 channels EPOS4 Mod./Comp. 24/1.5 452 Page 342/343/346 EPOS4 Mod./Comp. 50/5 Page 430/432 453 Values listed in the table are nominal. EPOS2 P 24/5 Spur Gearhead 464 **Encoder MEnc** Explanation of the figures on page 64. Ø38 mm MAXPOS 50/5 468 Ø13 mm 16 CPT. 2 channels 0.1 - 0.6 Nm Page 353 Page 408 Sleeve bearings in place of ball bearings **Screw Drive** \emptyset 32 mm Page 374-379