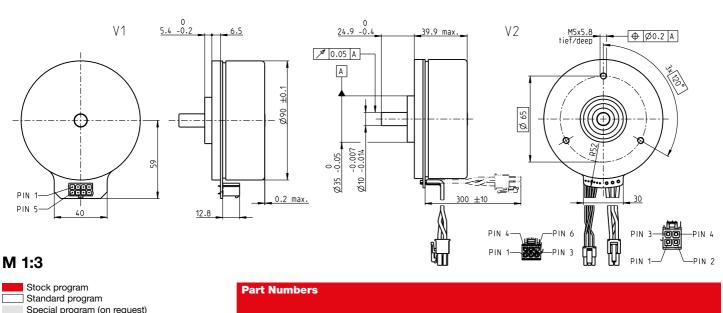
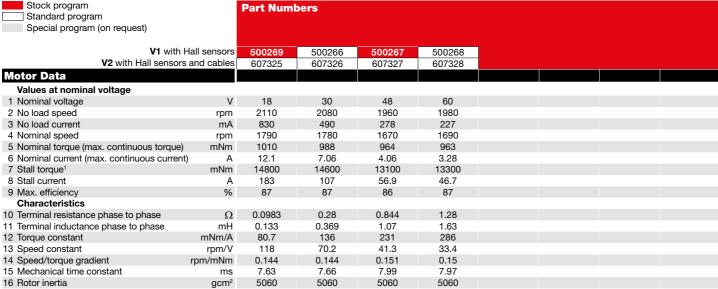
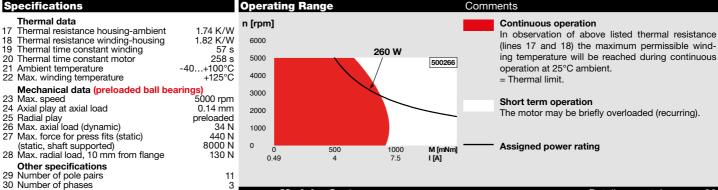
EC 90 flat Ø90 mm, brushless, 260 Watt







980 g maxon Modular System Weight of motor
Values listed in the table are nominal. Connection V1 V2 (sensors, AWG 24) Hall sensor 1 Hall sensor 2 V_{Hall} 4.5...24 VDC Pin 1 Pin 2 Hall sensor 1 Hall sensor 2 Pin 3 Pin 4 Hall sensor 3 Motor winding 3 Hall sensor 3 GND **GND** V_{Hall} 4.5...24 VDC N.C. Pin 6 Pin 7 Pin 8 Motor winding 1 Motor winding 2 **V2** (motor, AWG 16) Motor winding 1 Motor winding 2 Pin 1 Pin 3 Motor winding 3 Wiring diagram for Hall sensors see p. 47 Connector
Molex 46015-0806 Part number 43025-0600 Molex 39-01-2040 Connection cable for V1 Connection cable Universal, L = 500 mm 339380

Connection cable to EPOS4, L = 500 mm **354045** ¹Calculation does not include saturation effect

Recommended Electronics: Notes Pa ESCON Mod. 50/4 EC-S ESCON Mod. 50/5 ESCON Mod. 50/8 (HE) 455 456 ESCON 50/5 457 ESCON 70/10 DEC Module 50/5 459 EPOS4 50/5 463 EPOS4 Mod./Comp. 50/5 463 EPOS4 Mod./Comp. 50/8 465 EPOS4 Mod./Comp. 50/15 466 EPOS4 70/15 467

MAXPOS 50/5

maxon EC motor 273

Details on catalog page 36

Encoder MILE

512 - 6400 CPT,

2 channels

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