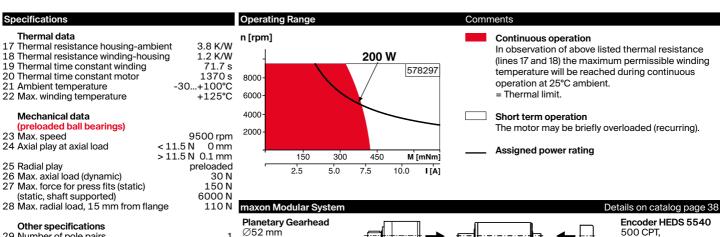


Standard program									
Special program (on request)									
		578296	578297	578298	578299				
Industrial Version IP54*		618570	618571	618572	618573				
Motor Data									
Values at nominal voltage									
1 Nominal voltage	V	24	36	48	70				
2 No load speed	rpm	5950	5680	4900	2760				
3 No load current	mA	236	147	88.4	27.4				
4 Nominal speed	rpm	5680	5420	4620	2470				
5 Nominal torque (max. continuous torque	e) mNm	405	418	420	452				
6 Nominal current (max. continuous current	nt) A	10.8	7.07	4.58	1.89				
7 Stall torque	mNm	8920	8920	7370	4340				
8 Stall current	Α	232	148	78.9	17.9				
9 Max. efficiency	%	94	94	94	92				
Characteristics									
0 Terminal resistance	Ω	0.103	0.244	0.608	3.9				
.1 Terminal inductance	mH	0.072	0.177	0.423	2.83				
.2 Torque constant	mNm/A	38.5	60.4	93.4	242				
.3 Speed constant	rpm/V	248	158	102	39.5				
.4 Speed/torque gradient	rpm/mNm	0.668	0.638	0.666	0.638				
.5 Mechanical time constant	ms	3.75	3.74	3.78	3.74				
.6 Rotor inertia	gcm ²	536	560	542	560				



29 Number of pole pairs 4-30 Nm 3 channels 30 Number of commutator segments 15 Page 487 1100 g Page 410 31 Weight of motor Encoder HEDL 5540 Planetary Gearhead **Recommended Electronics:** 500 CPT, Ø62 mm Page 38 Notes Values listed in the table are nominal. 6.2-38.5 Nm ESCON Mod. 50/5 501 3 channels Explanation of the figures on page 82. Page 489 Page 412 ESCON Mod. 50/8 (HE) 502 Industrial Version IP54* Industrial version with radial shaft seal ring ESCON 50/5 503 Encoder HEDL 9140 (resulting in increased no load current). ESCON 70/10 503 Page 494 Brake AB 44 IP54 protection only if mounted on brush side, in EPOS4 Mod./Comp. 50/5 510 compliance with maxon modular system. EPOS4 Module 50/8 511 Page 540 EPOS4 Module 50/15 511 EPOS4 Comp. 50/8 CAN 513 Page 541 EPOS4 Comp. 50/15 CAN 514 EPOS4 50/5 515 EPOS4 70/15 515 EPOS4 Disk 60/8 516 EPOS4 Disk 60/12

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