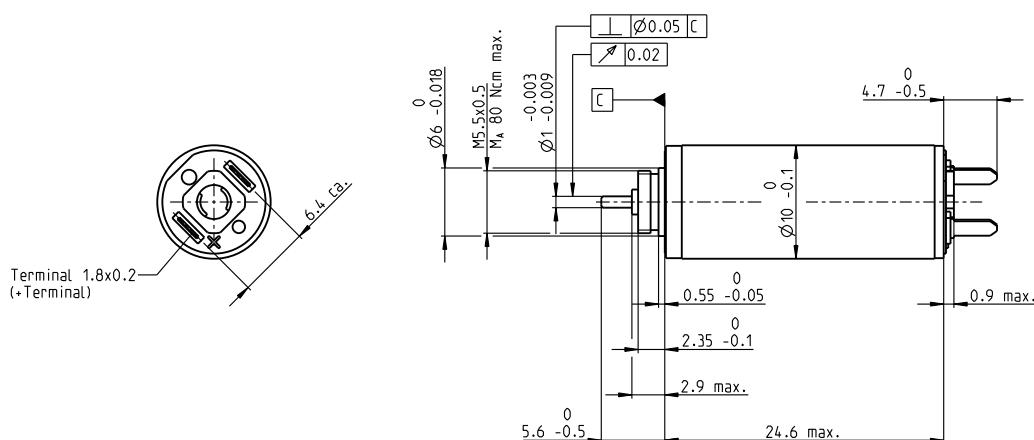


# RE 10 Ø10 mm, precious metal brushes, 1.5 watt

RE

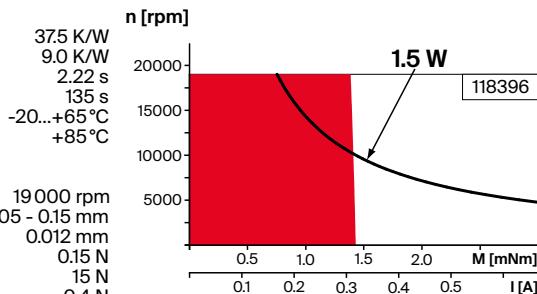
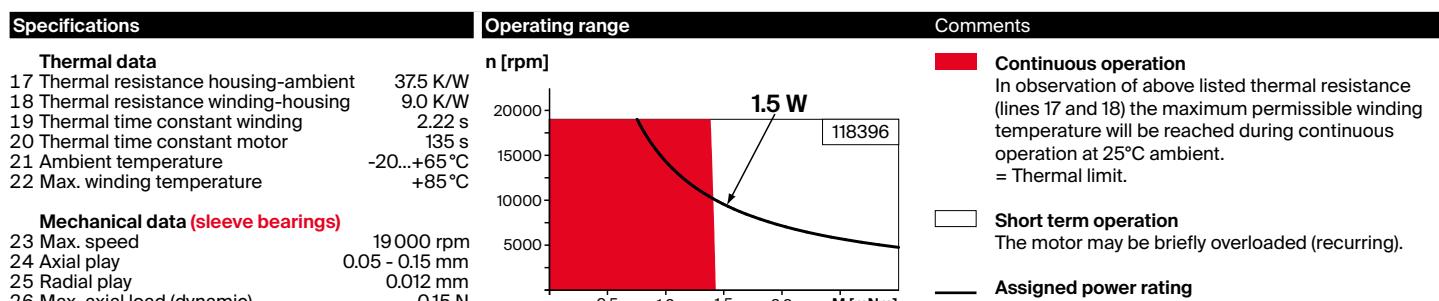


M 3:2

- Stock program
- Standard program
- Special program (on request)

## Part numbers

	118392	118393	118394	118395	118396	118397	118398	118399	118400
<b>Motor data</b>									
<b>Values at nominal voltage</b>									
1 Nominal voltage	V	3	3	4.5	4.5	6	6	9	9
2 No load speed	rpm	13000	10700	12800	10600	12400	9880	12200	11100
3 No load current	mA	23.9	18.5	15.5	12.1	11.1	8.33	7.27	6.42
4 Nominal speed	rpm	6840	4430	6530	4210	6160	3880	6080	4990
5 Nominal torque	mNm	1.5	1.49	1.48	1.47	1.5	1.57	1.53	1.54
6 Nominal current (max. continuous current)	A	0.713	0.582	0.462	0.379	0.338	0.282	0.226	0.207
7 Stall torque	mNm	3.12	2.52	3.04	2.47	3.01	2.61	3.08	2.83
8 Stall current	A	1.44	0.963	0.919	0.619	0.66	0.458	0.444	0.371
9 Max. efficiency	%	76	74	76	74	76	75	76	77
<b>Characteristics</b>									
10 Terminal resistance	Ω	2.08	3.11	4.9	7.27	9.09	13.1	20.3	24.3
11 Terminal inductance	mH	0.017	0.025	0.04	0.059	0.077	0.12	0.178	0.215
12 Torque constant	mNm/A	2.16	2.62	3.3	3.99	4.56	5.7	6.95	7.63
13 Speed constant	rpm/V	4410	3640	2890	2400	2100	1680	1370	1250
14 Speed/torque gradient	rpm/mNm	4240	4330	4280	4370	4180	3860	4010	3980
15 Mechanical time constant	ms	4.62	4.61	4.6	4.59	4.58	4.56	4.59	4.56
16 Rotor inertia	gcm²	0.104	0.102	0.102	0.1	0.105	0.113	0.109	0.111



	Modular system	Details on catalog page 48
1	Gear 414_GP10 A	<b>Motor Control</b> 550_ESCON Module 24/2 550_ESCON 36/2 DC 557_ESCON2 Nano 24/2

Values listed in the table are nominal.  
Explanation of the figures on page 94.