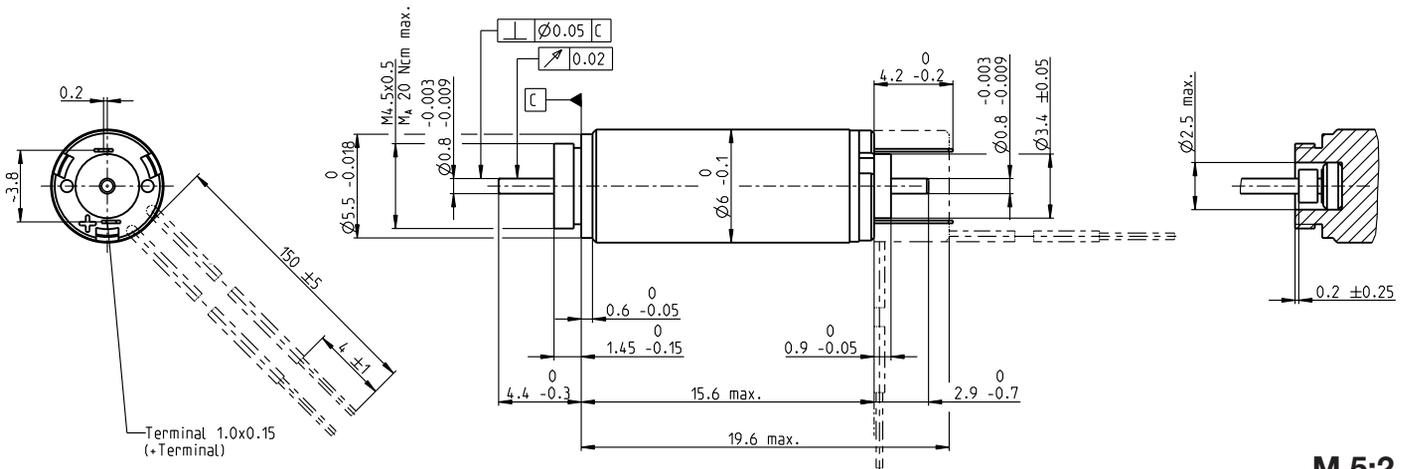


RE 6 Ø6 mm, Precious Metal Brushes, 0.3 Watt



M 5:2

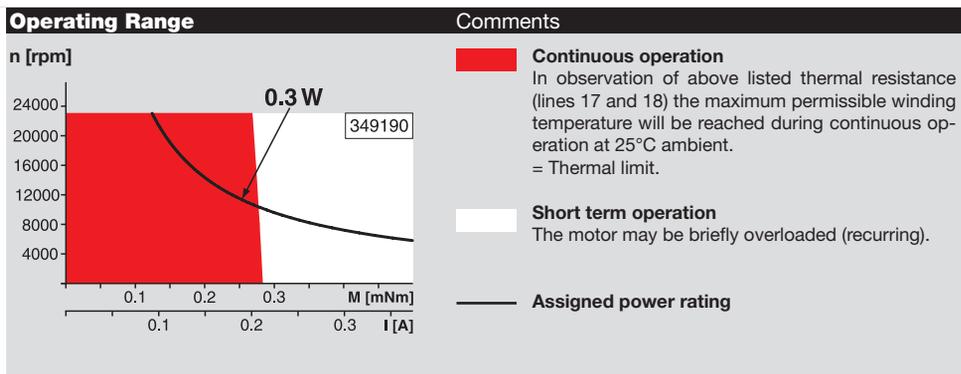
- Stock program
- Standard program
- Special program (on request)

Part Numbers				
B with cables	386780	386781	386782	386783
A with terminals	349189	349190	349191	349192

Motor Data						
Values at nominal voltage						
1	Nominal voltage	V	1.5	3	4.5	6
2	No load speed	rpm	18500	18600	18600	18600
3	No load current	mA	42.6	21.3	14.2	10.7
4	Nominal speed	rpm	4680	5670	5400	5340
5	Nominal torque (max. continuous torque)	mNm	0.302	0.324	0.318	0.316
6	Nominal current (max. continuous current)	A	0.453	0.242	0.158	0.118
7	Stall torque	mNm	0.419	0.485	0.469	0.465
8	Stall current	A	0.581	0.336	0.217	0.161
9	Max. efficiency	%	54	56	56	56
Characteristics						
10	Terminal resistance	Ω	2.58	8.92	20.8	37.2
11	Terminal inductance	mH	0.023	0.091	0.204	0.363
12	Torque constant	mNm/A	0.72	1.44	2.16	2.88
13	Speed constant	rpm/V	13300	6630	4420	3310
14	Speed / torque gradient	rpm/mNm	47500	41000	42400	42700
15	Mechanical time constant	ms	7.45	7.18	7.24	7.24
16	Rotor inertia	gcm ²	0.015	0.0167	0.0163	0.0162

Specifications		
Thermal data		
17	Thermal resistance housing-ambient	77 K/W
18	Thermal resistance winding-housing	16.2 K/W
19	Thermal time constant winding	1.39 s
20	Thermal time constant motor	16.3 s
21	Ambient temperature	-20...+65°C
22	Max. winding temperature	+85°C
Mechanical data (sleeve bearings)		
23	Max. speed	23 000 rpm
24	Axial play	0.02 - 0.1 mm
25	Radial play	0.012 mm
26	Max. axial load (dynamic)	0.15 N
27	Max. force for press fits (static)	10 N
28	Max. radial load, 4 mm from flange	0.6 N
Other specifications		
29	Number of pole pairs	1
30	Number of commutator segments	5
31	Weight of motor	2.3 g

Values listed in the table are nominal.
Explanation of the figures on page 151.



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