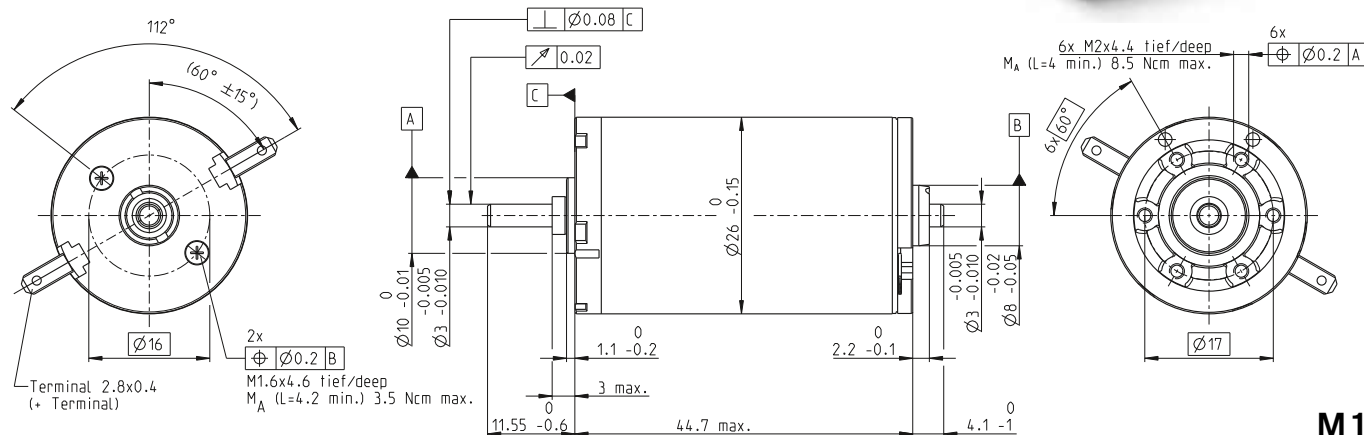


Key data: 9/12 W, 28.8 mNm, 6700 rpm



DC-max



M 1:1

Thermal data		Operating range	
17_ Thermal resistance housing-ambient	K/W	13.2	n [rpm] Winding 12 V
18_ Thermal resistance winding-housing	K/W	3.2	
19_ Thermal time constant winding	s	178	
20_ Thermal time constant motor	s	350	7000
21_ Ambient temperature	°C	-30...+65	6000
22_ Max. winding temperature	°C	85	5000

Mechanical data ball bearings		
23_	Max. speed	rpm 6700
24_	Axial play	mm 0.1...0.2
	Preload	N 0
25_	Radial play	mm 0.025
26_	Max. axial load (dynamic)	N 5
27_	Max. force for press fits (static) (shaft supported)	N 75
28_	Max. radial load [mm from flange]	N 1200
		20 [5]

Mechanical data sleeve bearings			Modular system			Details on catalog page 40	
23_	Max. speed	rpm	6700	Gear	Stages [opt.]	Sensor	Motor Control
24_	Axial play	mm	0.1...0.2	396_GPX 26 A/C	1-2 [3]	498_ENX 13 GAMA	550_ESCON Module 24/2
	Preload	N	0	397_GPX 26 LN/LZ	1-2 [3]	507_ENX 10 QUAD	550_ESCON 36/2 DC
25_	Radial play	mm	0.012	399_GPX 32 A/C	3	509_ENX 16 EASY	551_ESCON Module 50/5
26_	Max. axial load (dynamic)	N	1.7	400_GPX 32 LN/LZ	3	511_ENX 16 EASY Abs.	553_ESCON 50/5
27_	Max. force for press fits (static)	N	80				557_ESCON2 Nano 24/2
	(shaft supported)	N	1200				557_ESCON2 Micro 60/5
28_	Max. radial load [mm from flange]	N	5.5 [5]				563_EPOS4 Micro 24/5
Other specifications							564_EPOS4 Module 24/1.5
29_	Number of pole pairs		1				564_EPOS4 Module 50/5
30_	Number of commutator segments		13				565_EPOS4 Compact 24/5 3-axes
31_	Weight of motor	g	120				566_EPOS4 Compact 24/1.5

Configuration
 Bearing: Sleeve bearings/ball bearings
 Commutation: Precious metal brushes with CLL/
 Graphite Brushes
 Shaft front/back: Length
 Electric connection: Terminals/cable

Motor Control

- 550_ESCON Module 24/2
- 550_ESCON 36/2 DC
- 551_ESCON Module 50/5
- 553_ESCON 50/5
- 557_ESCON2 Nano 24/2
- 557_ESCON2 Micro 60/5
- 563_EPOS4 Micro 24/5
- 564_EPOS4 Module 24/1.5
- 564_EPOS4 Module 50/5
- 565_EPOS4 Compact 24/5 3-axes
- 566_EPOS4 Compact 24/1.5
- 567_EPOS4 Compact 50/5
- 569_EPOS4 50/5