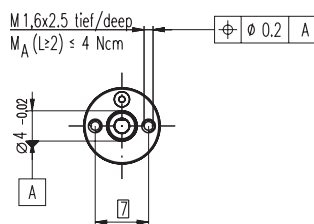
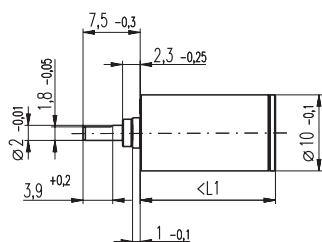


Planetary Gearhead GP 10 K Ø10 mm, 0.005 - 0.1 Nm

Plastic Version



M 1:1

Technical Data

Planetary Gearhead	straight teeth
Housing	plastic
Output shaft	stainless steel
Bearing at output	sleeve bearing
Radial play, 5 mm from flange	max. 0.14 mm
Axial play	0.02 - 0.10 mm
Max. radial load, 5 mm from flange	1 N
Max. permissible axial load	2 N
Max. permissible force for press fits	10 N
Sense of rotation, drive to output	=
Recommended input speed	< 8000 rpm
Recommended temperature range	-15 ... +80°C
Extended area as option	-35 ... +80°C

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

Order Number

Gearhead Data

		110308	110309	110310	110311	110312			
1 Reduction		4 : 1	16 : 1	64 : 1	256 : 1	1024 : 1			
2 Reduction absolute		4	16	64	256	1024			
3 Max. motor shaft diameter	mm	1.2	1.2	1.2	1.2	1.2			
4 Number of stages		1	2	3	4	5			
5 Max. continuous torque	Nm	0.005	0.015	0.054	0.100	0.100			
6 Intermittently permissible torque at gear output	Nm	0.005	0.015	0.054	0.100	0.100			
7 Max. efficiency	%	90	80	70	60	55			
8 Weight	g	2.1	2.5	2.8	3.2	3.6			
9 Average backlash no load	°	1.8	2.0	2.2	2.5	2.8			
10 Mass inertia	gcm ²	0.004	0.003	0.003	0.003	0.003			
11 Gearhead length L1	mm	10.2	14.3	18.4	22.5	26.6			



Combination

+ Motor	Page	+ Tacho / Brake	Page	Overall length [mm] = Motor length + gearhead length + (tacho / brake) + assembly parts				
RE 10, 0.75 W	52/53			27.3	31.4	35.5	39.6	43.7
RE 10, 0.75 W	53	MR	252/253	33.1	37.2	41.3	45.4	49.5
RE 10, 0.75 W	53	MEnc 10	269	35.4	39.5	43.6	47.7	51.8
RE 10, 1.5 W	54/55			34.9	39.0	43.1	47.2	51.3
RE 10, 1.5 W	55	MR	252/253	40.7	44.8	48.9	53.0	57.1
RE 10, 1.5 W	55	MEnc 10	269	43.0	47.1	51.2	55.3	59.4
A-max 12	101/102			31.5	35.6	39.7	43.8	47.9
A-max 12, 0.5 W	102	MR	252/253	35.6	39.7	43.8	47.9	52.0