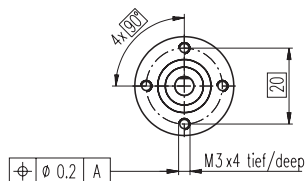
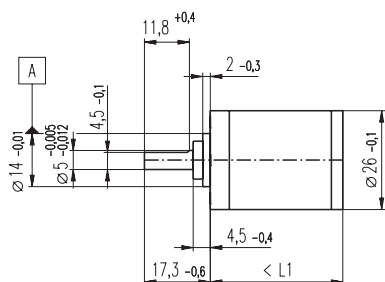


Planetary Gearhead GP 26 B Ø26 mm, 0.5 - 2.0 Nm

Ceramic Version



Technical Data

Planetary Gearhead	straight teeth
Output shaft	stainless steel, hardened
Bearing at output	ball bearing
Radial play, 10 mm from flange	preloaded
Axial play	preloaded
Max. perm. radial load, 10 mm from flange	70 N
Max. permissible axial load	100 N
Max. permissible force for press fits	100 N
Recommended input speed	< 8000 rpm
Recommended temperature range	-15 ... +80°C

M 1:2

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

Order Number

Gearhead Data	144026	144029	144035	144041	144045	144051	144057	144059	144066	144072	144078
1 Reduction	3.8 : 1	14 : 1	53 : 1	104 : 1	198 : 1	370 : 1	590 : 1	742 : 1	1386 : 1	1996 : 1	3189 : 1
2 Reduction absolute	15/4	225/16	3375/64	87723/845	50625/256	10556001/28561	59049/100	759375/1024	158340015/114244	265012027/142805	1594323/500
Order Number	144027	144030	144036	144042	144046	144052	144058	144061	144067	144073	144079
1 Reduction	4.4 : 1	16 : 1	62 : 1	109 : 1	231 : 1	389 : 1	690 : 1	867 : 1	1460 : 1	2102 : 1	3728 : 1
2 Reduction absolute	57/13	855/52	12825/208	2187/20	192375/832	263169/676	1121931/1625	2885625/3328	3947535/2704	7105563/3380	30292137/8125
Order Number	144028	144031	144037	144043	144047	144053	144060	144062	144068	144074	144080
1 Reduction	5.4 : 1	19 : 1	72 : 1	128 : 1	270 : 1	410 : 1	850 : 1	1014 : 1	1538 : 1	2214 : 1	4592 : 1
2 Reduction absolute	27/5	3249/169	48735/676	41553/325	731025/2704	6561/16	531441/625	10965375/10816	98415/64	177147/80	14348907/3125
Order Number	144032	144038	144044	144048	144054	144063	144069	144075	144081	144087	144093
1 Reduction	20 : 1	76 : 1	157 : 1	285 : 1	455 : 1	1068 : 1	1621 : 1	2458 : 1	3936 : 1	5904 : 1	9216 : 1
2 Reduction absolute	81/4	1215/16	19683/125	18225/64	5000211/10985	273375/256	601692057/371293	135005697/54925	10965375/10816	98415/64	177147/80
Order Number	144033	144039	144045	144049	144055	144064	144070	144076	144082	144088	144094
1 Reduction	24 : 1	84 : 1	316 : 1	479 : 1	1185 : 1	1707 : 1	2589 : 1	3936 : 1	5904 : 1	9216 : 1	14348907/3125
2 Reduction absolute	1539/65	185193/2197	2777895/8788	124659/260	41668425/35152	15000633/8788	3365793/1300	10965375/10816	98415/64	177147/80	14348907/3125
Order Number	144034	144040	144050	144056	144065	144071	144077	144083	144089	144095	144101
1 Reduction	29 : 1	89 : 1	333 : 1	561 : 1	1249 : 1	1798 : 1	3027 : 1	4541 : 1	6813 : 1	10219 : 1	15328 : 1
2 Reduction absolute	729/25	4617/52	69255/208	2368521/4225	1038825/832	373977/208	6395067/21125	10965375/10816	98415/64	177147/80	14348907/3125
3 Number of stages	1	2	3	3	4	4	4	5	5	5	5
4 Max. continuous torque at gear output Nm	0.5	0.6	1.3	1.3	1.8	1.8	1.8	2.0	2.0	2.0	2.0
5 Intermittently permissible torque at gear output Nm	0.8	0.9	1.9	1.9	2.7	2.7	2.7	3.0	3.0	3.0	3.0
6 Sense of rotation, drive to output	=	=	=	=	=	=	=	=	=	=	=
7 Max. efficiency %	84	70	59	59	49	49	49	42	42	42	42
8 Weight g	65	86	108	108	130	130	130	152	152	152	152
9 Average backlash no load °	0.5	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10 Mass inertia gcm ²	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11 Gearhead length L1* mm	29.2	36.0	42.8	42.8	49.6	49.6	49.6	56.4	56.4	56.4	56.4

* for A-max 26 and RE-max 29 is L1 - 2.2 mm



Combination:

+ Motor	Page	+ Tacho / Encoder / Brake	Page	Overall length [mm] = Motor length + gearhead length + (tacho / encoder / brakes) + assembly parts							
RE 25, 10 W	76			83.8	90.6	97.4	97.4	104.2	104.2	104.2	111.0
RE 25, 10 W	76	MR Encoder	212	94.8	101.6	108.4	108.4	115.2	115.2	115.2	122.0
RE 25, 10 W	76	Digital Encoder 22	214	97.9	104.7	111.5	111.5	118.3	118.3	118.3	125.1
RE 25, 10 W	76	Digital Encoder HED_ 55	216/218	104.6	111.4	118.2	118.2	125.0	125.0	125.0	131.8
RE 25, 10 W	76	DC-Tacho 22	224	106.1	112.9	119.7	119.7	126.5	126.5	126.5	133.3
RE 25, 20 W	77			83.8	90.6	97.4	97.4	104.2	104.2	104.2	111.0
RE 25, 20 W	77	MR Encoder	212	94.8	101.6	108.4	108.4	115.2	115.2	115.2	122.0
RE 25, 20 W	77	Digital Encoder 22	214	97.9	104.7	111.5	111.5	118.3	118.3	118.3	125.1
RE 25, 20 W	77	Digital Encoder HED_ 55	216/218	104.6	111.4	118.2	118.2	125.0	125.0	125.0	131.8
RE 25, 20 W	77	DC-Tacho 22	224	106.1	112.9	119.7	119.7	126.5	126.5	126.5	133.3
RE 25, 20 W	77	Brake 40	248	117.9	124.7	131.5	131.5	138.3	138.3	138.3	145.1
RE 26, 18 W	78			88.1	94.9	101.7	101.7	108.5	108.5	108.5	115.3
RE 26, 18 W	78	MR Encoder	212	99.1	105.9	112.7	112.7	119.5	119.5	119.5	126.3
RE 26, 18 W	78	Digital Encoder 22	214	105.5	112.3	119.1	119.1	125.9	125.9	125.9	132.7
RE 26, 18 W	78	Digital Encoder HED_ 55	216/218	106.5	113.3	120.1	120.1	126.9	126.9	126.9	133.7
RE 26, 18 W	78	DC-Tacho 22	224	109.1	115.9	122.7	122.7	129.5	129.5	129.5	136.3
A-max 26	113-120			71.8	78.6	85.4	85.4	92.2	92.2	92.2	99.0
A-max 26	113-119	Digital Magnetic Encoder 13	223	78.9	85.7	92.5	92.5	99.3	99.3	99.3	106.1
A-max 26	114-120	MR Encoder	212	80.6	87.4	94.2	94.2	101.0	101.0	101.0	107.8
A-max 26	114-120	Digital Encoder 22	215	86.2	93.0	99.8	99.8	106.6	106.6	106.6	113.4
A-max 26	114-120	Digital Encoder HED_ 55	217/219	90.6	97.4	104.2	104.2	111.0	111.0	111.0	117.8
RE-max 29	143-146			71.8	78.6	85.4	85.4	92.2	92.2	92.2	99.0
RE-max 29	144/146	MR Encoder	212	80.6	87.4	94.2	94.2	101.0	101.0	101.0	107.8