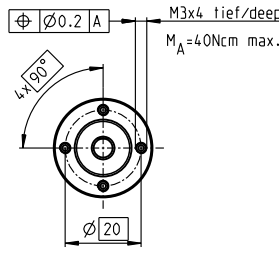
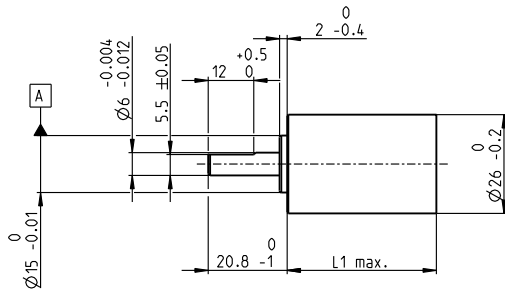


Planetary Gearhead GP 26 A Ø26 mm, 0.75–4.5 Nm

gear



M 1:2

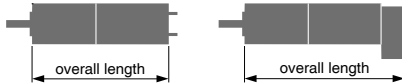
Technical Data

Planetary Gearhead	straight teeth
Output shaft	stainless steel, hardened
Bearing at output	preloaded ball bearings
Radial play, 5 mm from flange	max. 0.1 mm
Axial play at axial load	< 6 N 0 mm > 6 N max. 0.4 mm
Max. axial load (dynamic)	120 N
Max. force for press fits	120 N
Direction of rotation, drive to output	=
Max. continuous input speed	8000 rpm
Recommended temperature range	-30...+100°C
Extended range as option	-40...+100°C
Number of stages	1 2 3
Max. radial load, 12 mm from flange	70 N 110 N 140 N

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

Part Numbers

Gearhead Data	Part Numbers									
	406757	406762	406764	406767	406128	406769	406770	406771	406092	
1 Reduction	5.2:1	19:1	27:1	35:1	71:1	100:1	139:1	181:1	236:1	
2 Absolute reduction	$\frac{57}{11}$	$\frac{3591}{187}$	$\frac{3249}{121}$	$\frac{1539}{44}$	$\frac{226233}{3179}$	$\frac{204687}{2057}$	$\frac{185193}{1331}$	$\frac{87723}{484}$	$\frac{41553}{176}$	
3 Max. motor shaft diameter	mm 3	3	3	3	3	3	3	3	3	
4 Number of stages	1	2	2	2	3	3	3	3	3	
5 Max. continuous torque	Nm 0.75	2.25	2.25	2.25	4.5	4.5	4.5	4.5	4.5	
6 Max. intermittent torque at gear output	Nm 1.1	3.2	3.2	3.2	6.2	6.2	6.2	6.2	6.2	
7 Max. efficiency	% 90	80	80	80	70	70	70	70	70	
8 Weight	g 53	77	77	77	93	93	93	93	93	
9 Average backlash no load	° 0.5	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	
10 Mass inertia	gcm ² 0.96	0.54	0.54	0.54	0.31	0.31	0.31	0.31	0.31	
11 Gearhead length L1	mm 23.4	32.9	32.9	32.9	39.5	39.5	39.5	39.5	39.5	
13 Max. transmittable power (continuous)	W 60	35	35	35	20	20	20	20	20	
14 Max. transmittable power (intermittent)	W 90	50	50	50	30	30	30	30	30	



maxon Modular System

+ Motor	Page	+ Sensor/Brake	Page	Overall length [mm] = Motor length + gearhead length + (sensor/brake) + assembly parts								
RE 25	144/146			78.0	87.5	87.5	87.5	94.1	94.1	94.1	94.1	94.1
RE 25	144/146	MR	478	89.0	98.5	98.5	98.5	105.1	105.1	105.1	105.1	105.1
RE 25	144/146	Enc 22	483	92.1	101.6	101.6	101.6	108.2	108.2	108.2	108.2	108.2
RE 25	144/146	HED_ 5540	486/488	98.8	108.3	108.3	108.3	114.9	114.9	114.9	114.9	114.9
RE 25	144/146	DCT 22	495	100.3	109.8	109.8	109.8	116.4	116.4	116.4	116.4	116.4
RE 25, 20 W	145			66.5	76.0	76.0	76.0	82.6	82.6	82.6	82.6	82.6
RE 25, 20 W	145	MR	478	77.5	87.0	87.0	87.0	93.6	93.6	93.6	93.6	93.6
RE 25, 20 W	145	HED_ 5540	487	87.3	96.8	96.8	96.8	103.4	103.4	103.4	103.4	103.4
RE 25, 20 W	145	DCT 22	495	88.8	98.3	98.3	98.3	104.9	104.9	104.9	104.9	104.9
RE 25, 20 W	145	AB 28	535	100.6	110.1	110.1	110.1	116.7	116.7	116.7	116.7	116.7
RE 25, 20 W	145	HED_5540/AB 28	487/535	117.8	127.3	127.3	127.3	133.9	133.9	133.9	133.9	133.9
RE 25, 20 W	146	AB 28	535	112.1	121.6	121.6	121.6	128.2	128.2	128.2	128.2	128.2
RE 25, 20 W	146	HED_ 5540/AB 28	488/535	129.3	138.8	138.8	138.8	145.4	145.4	145.4	145.4	145.4
A-max 26	171-174			68.2	77.7	77.7	77.7	84.3	84.3	84.3	84.3	84.3
A-max 26	171-174	MR	478	77.0	86.5	86.5	86.5	93.1	93.1	93.1	93.1	93.1
A-max 26	171-174	Enc 22	483	82.6	92.1	92.1	92.1	98.7	98.7	98.7	98.7	98.7
A-max 26	171-174	HED_ 5540	487/489	86.6	96.1	96.1	96.1	102.7	102.7	102.7	102.7	102.7