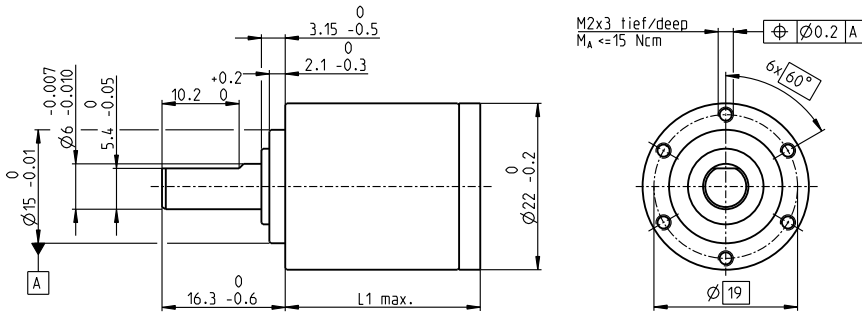


Planetary Gearhead GP 22 AR $\varnothing 22$ mm, 0.5 Nm

for high radial loads

gear



Technical Data

Planetary Gearhead	straight teeth
Output shaft	stainless steel
Bearing at output	ball bearing
Radial play, 10 mm from flange	max. 0.2 mm
Axial play	max. 0.1 mm
Max. axial load (dynamic)	100 N
Max. force for press fits	100 N
Direction of rotation, drive to output	=
Max. continuous input speed	6000 rpm
Recommended temperature range	-30...+100°C
Max. radial load, 10 mm from flange	70 N

M 1:1

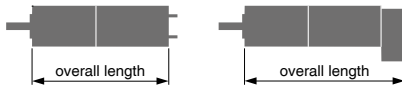
- Stock program
- Standard program
- Special program (on request)

Part Numbers

462695 438992 462696

Gearhead Data

		3.8:1	4.4:1	5.4:1
1 Reduction		3.8:1	4.4:1	5.4:1
2 Absolute reduction		$\frac{15}{4}$	$\frac{57}{13}$	$\frac{27}{5}$
3 Max. motor shaft diameter	mm	4	3.2	2.5
4 Number of stages		1	1	1
5 Max. continuous torque	Nm	0.5	0.5	0.5
6 Max. intermittent torque at gear output	Nm	0.8	0.8	0.8
7 Max. efficiency	%	90	90	90
8 Weight	g	44	44	44
9 Average backlash no load	°	1.0	1.0	1.0
10 Mass inertia	gcm ²	0.5	0.38	0.25
11 Gearhead length L1	mm	25.8	25.8	25.8



maxon Modular System

+ Motor	Page	+ Sensor/Brake	Page	Overall length [mm] = Motor length + gearhead length + (sensor/brake) + assembly parts		
RE 25, 20 W	145			68.9	68.9	68.9
RE 25, 20 W	145	MR	478	79.9	79.9	79.9
RE 25, 20 W	145	HED_ 5540	487/488	89.7	89.7	89.7
RE 25, 20 W	145	DCT 22	495	91.2	91.2	91.2
RE 25, 20 W	145	AB 28	535	103	103	103
RE 25, 20 W	145	HED_ 5540/AB 28	487/535	120.2	120.2	120.2
EC-max 22, 25 W	249			74.4	74.4	74.4
EC-max 22, 25 W	249	MR	477	84	84	84
EC-max 22, 25 W	249	AB 20	532	110	110	110