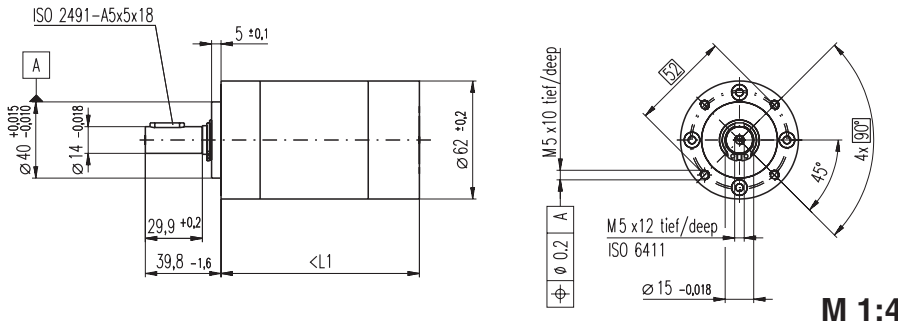


# Planetary Gearhead GP 62 A $\varnothing 62$ mm, 8 - 50 Nm



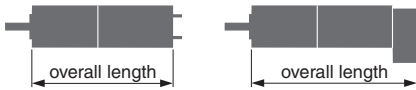
## Technical Data

Planetary Gearhead	straight teeth
Output shaft	steel
Bearing at output	ball bearing
Radial play, 7 mm from flange	max. 0.08 mm
Axial play	max. 1 mm
Max. permissible axial load	120 N
Max. permissible force for press fits	1000 N
Sense of rotation, drive to output	=
Recommended input speed	< 3000 rpm
Recommended temperature range	-30 ... +140°C
Number of stages	1 2 3
Max. radial load, 24 mm from flange	240 N 360 N 570 N

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

## Order Number

	110499	110501	110502	110503	110504	110505	110506	110507	110508
1 Reduction	5.2 : 1	19 : 1	27 : 1	35 : 1	71 : 1	100 : 1	139 : 1	181 : 1	236 : 1
2 Reduction absolute	57/11	3591/187	3249/121	1539/44	226223/3179	204687/2057	185193/1331	87723/484	41553/176
3 Max. motor shaft diameter	mm	8	8	8	8	8	8	8	8
4 Number of stages	1	2	2	2	3	3	3	3	3
5 Max. continuous torque	Nm	8	25	25	50	50	50	50	50
6 Intermittently permissible torque at gear output	Nm	12	37	37	75	75	75	75	75
7 Max. efficiency	%	80	75	75	75	70	70	70	70
8 Weight	g	950	1250	1250	1540	1540	1540	1540	1540
9 Average backlash no load	°	1.0	1.5	1.5	1.5	2.0	2.0	2.0	2.0
10 Mass inertia	gcm <sup>2</sup>	109	100	105	89	104	105	102	88
11 Gearhead length L1	mm	72.5	88.3	88.3	88.3	104.2	104.2	104.2	104.2



## Combination

+ Motor	Page	+ Tacho	Page	+ Brake	Page	Overall length [mm] = Motor length + gearhead length + (tacho / brake) + assembly parts											
F 2260, 40 W	97					163.1	178.9	178.9	178.9	194.8	194.8	194.8	194.8	194.8			
F 2260, 40 W	97	HED_ 5540	263/265			184.5	200.3	200.3	200.3	216.2	216.2	216.2	216.2	216.2			
F 2260, 40 W	97	HEDS 6540	268			186.3	202.1	202.1	202.1	218.0	218.0	218.0	218.0	218.0			
F 2260, 40 W	97			AB 28	308	192.2	208.0	208.0	208.0	223.9	223.9	223.9	223.9	223.9			
F 2260, 40 W	97	HED_ 5540	263/265	AB 28	308	215.8	231.6	231.6	231.6	247.5	247.5	247.5	247.5	247.5			
F 2260, 80 W	97					198.6	214.4	214.4	214.4	230.3	230.3	230.3	230.3	230.3			
F 2260, 80 W	98	HED_ 5540	263/265			220.0	235.8	235.8	235.8	251.7	251.7	251.7	251.7	251.7			
F 2260, 80 W	98	HEDS 6540	268			221.8	237.6	237.6	237.6	253.5	253.5	253.5	253.5	253.5			
F 2260, 80 W	98			AB 28	308	227.7	243.5	243.5	243.5	259.4	259.4	259.4	259.4	259.4			
F 2260, 80 W	98	HED_ 5540	263/265	AB 28	308	251.3	267.1	267.1	267.1	283.0	283.0	283.0	283.0	283.0			
EC 45, 250 W	167					216.6	232.4	232.4	232.4	248.3	248.3	248.3	248.3	248.3			
EC 45, 250 W	167	HEDL 9140	267			232.2	248.0	248.0	248.0	263.9	263.9	263.9	263.9	263.9			
EC 45, 250 W	167	Res 26	272			216.6	232.4	232.4	232.4	248.3	248.3	248.3	248.3	248.3			
EC 45, 250 W	167			AB 28	309	224.0	239.8	239.8	239.8	255.7	255.7	255.7	255.7	255.7			
EC 45, 250 W	167	HEDL 9140	267	AB 28	309	241.0	256.8	256.8	256.8	272.7	272.7	272.7	272.7	272.7			