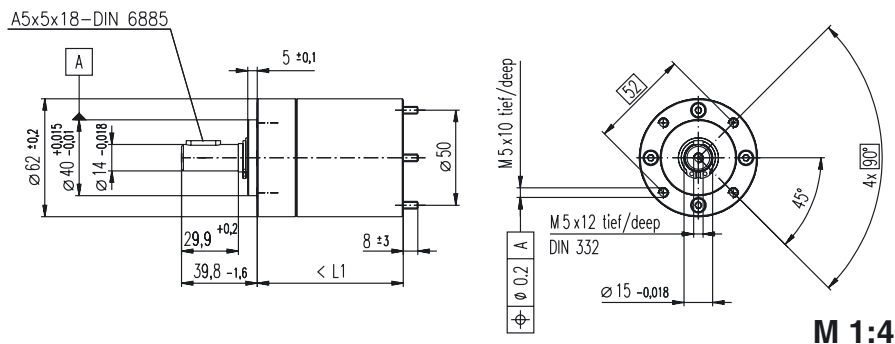


Planetary Gearhead GP 62 Ø62 mm, 8 - 50 Nm



Technical Data

Planetary Gearhead	straight teeth		
Output shaft	stainless steel, hardened		
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
Average backlash	no load	≤ 1.0°	≤ 1.5°
		≤ 1.5°	≤ 2.0°

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

Order Number

Gearhead Data	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	1250	1540	1540	1540	1540
9 Gearhead length L1	mm	72.5	88.3	88.3	88.3	104.2	104.2	104.2	104.2



Combination											
+ Motor	Page	+ Tacho / Encoder	Page	+ Brake	Page	Overall length [mm] = Motor length + gearhead length + (tacho / encoder / brake) + assembly parts					
F 2260, 40 W 95	95					163.1	178.9	178.9	178.9	194.8	194.8
F 2260, 40 W 95	95	HED_ 5540	243/245			184.5	200.3	200.3	200.3	216.2	216.2
F 2260, 40 W 95	95	HEDS 6540	248			186.3	202.1	202.1	202.1	218.0	218.0
F 2260, 40 W 95	95			AB 40	279	192.2	208.0	208.0	208.0	223.9	223.9
F 2260, 80 W 96	96					198.6	214.4	214.4	214.4	230.3	230.3
F 2260, 80 W 96	96	HED_ 5540	243/245			220.0	235.8	235.8	235.8	251.7	251.7
F 2260, 80 W 96	96	HEDS 6540	248			221.8	237.6	237.6	237.6	253.5	253.5
F 2260, 80 W 96	96			AB 40	279	227.7	243.5	243.5	243.5	259.4	259.4
EC 45, 250 W 162	162					216.6	232.4	232.4	232.4	248.3	248.3
EC 45, 250 W 162	162	HEDL 9140	247			232.2	248.0	248.0	248.0	263.9	263.9
EC 45, 250 W 162	162	Res 26	253			216.6	232.4	232.4	232.4	248.3	248.3
EC 45, 250 W 162	162			AB 28	280	224.0	239.8	239.8	239.8	255.7	255.7
EC 45, 250 W 162	162	HEDL 9140	247	AB 28	280	241.0	256.8	256.8	256.8	272.7	272.7