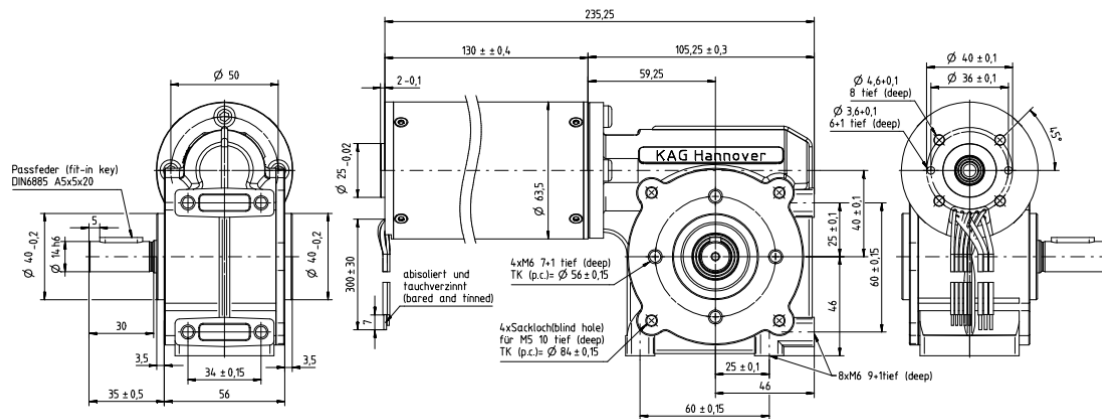


Motor ECM63 with worm gear SN40

- zinc die-cast gearhousing, hardened steel worm wheel, permanent grease lubrication, output with ball bearing, optional second shaft or output shaft left
- Other reductions, output shaft or connection cable on request



Gear reduction table ECM63xXX/I+ SN40

Application on request

Gear reduction	Efficiency of the gear	Speed at motor-speed 3000rpm	Nominal torque in S1-operation		
			ECM63x20/I L2 = 90 mm	ECM63x40/I L2 = 110 mm	ECM63x60/I L2 = 130 mm
[i = x:1]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]
10	74	300	88.8	222	296
15	68	200	122.4	306	408
30	56	100	201.6	504	672
40	50	75	240	600	800
50	46	60	276	690	920
60	33	50	237.6	594	792

Gear reduction	Efficiency of the gear	Speed at motor-speed 3000rpm	Nominal torque in S3-operation		
			ECM63x20/I L2 = 90 mm	ECM63x40/I L2 = 110 mm	ECM63x60/I L2 = 130 mm
[i = x:1]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]
10#	84	300	151.2	378	504
15#	76	200	205	513	684
30	60	100	324	810	1080
40	54	75	388.8	972	1296
50	50	60	450	1126	1500
60	35	50	378	945	1260

*) Motor have to be operated with current limitation

#) plastic design

General gear data

Material worm wheel		Plastic	Brass
Maximum torque	[Ncm]	1200	2800
Permissible shaft load	[N] (axial / radial)	300 / 600	300 / 600
Gear length	[mm]	104,3	104,3

Stand: 20. Januar 2021 – changes reserved