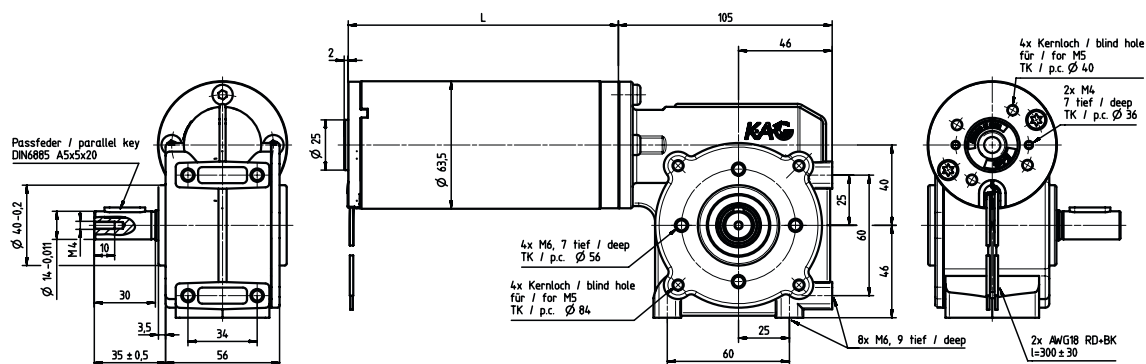


Motor M63 with worm gear SN40

- Die-cast aluminum housing, hardened steel worm wheel, permanent grease lubrication, output with ball bearing, optional second shaft or output shaft left
- Other reductions, output shaft, connection cable or voltage on request



Gear reduction table M63xXX/I+ SN40

Application on request

Gear reduction	Efficiency of the gear	Speed at motor-speed 3000rpm	Nominal torque at 24V in S1-operation			
			M63x25/I L = 98 mm	M63x40/I L = 113 mm	M63x60/I L = 133 mm	
[i = x:1]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm] 12V	[Ncm] 24V
10	74	300	104	133	163	222
15	68	200	143	184	224	306
30	56	100	235	302	370	504
40	50	75	280	360	440	600
50	46	60	322	414	506	690
60	33	50	277	356	436	594

Gear reduction	Efficiency of the gear	Speed at motor-speed 3000rpm	Nominal torque at 24V in S3-operation			
			M63x25/I L = 98 mm	M63x40/I L = 113 mm	M63x60/I L = 133 mm	
[i = x:1]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm] 12V	[Ncm] 24V
10 [#]	84	300	176	227	277	378
15 [#]	76	200	240	308	376	513
30	60	100	378	486	594	810
40	54	75	454	583	713	972
50	50	60	525	675	825	1125
60	35	50	441	567	693	945

General gear data

#) plastic design

Material worm wheel		Plastic	Brass
Maximum torque	[Ncm]	1200	2800
Permissible shaft load	[N] (axial / radial)	300 / 600	300 / 600

Stand: 20. Mai 2025 – changes reserved