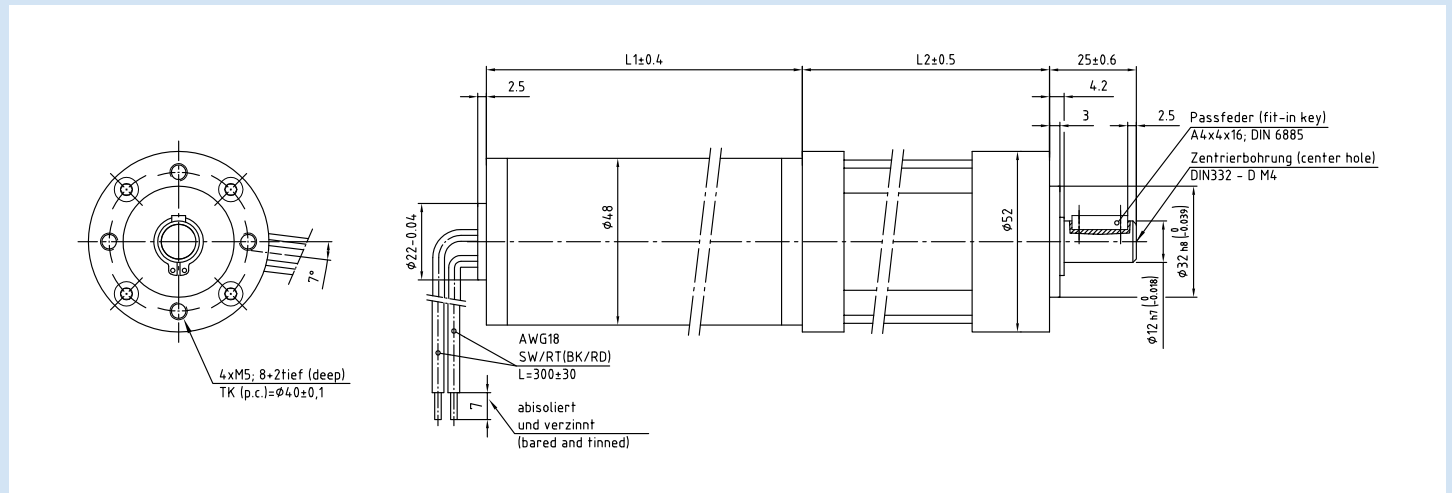


Motor M48/I with planetary gear PK52

- Plastic gearhousing, plastic gearflange
- Other reductions, output shaft or connection cable on request



Gear reduction table M48xXX/I+ PK52

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque			
				M48x25/I L1= 85 mm	M48x28/I L1= 85 mm	M48x50/I L1= 110 mm	M48x60/I L1= 120 mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]	[Ncm]
3.7	1	75	800	14	28	28	42
7	1	75	430	26	52	52	79
14	2	70	215	49	98	98	147
25	2	70	120	87	175	175	263
46	2	70	65	161	322	322	483
93	3	65	33	302	604	604	907
169	3	65	18	550	1000*	1000*	1000*
308	3	65	10	1000	1000*	1000*	1000*

*) Motor have to be operated with current limitation

General gear data

	[x]	1	2	3
Number of gear stages	[x]	1	2	3
Maximum torque	[Ncm]	200	500	1000
Permissible shaft load	[N] (axial / radial)	60 / 200	100 / 320	150 / 450
Gear length L2	[mm]	55	69	83

Stand: 4. August 2020 – changes reserved