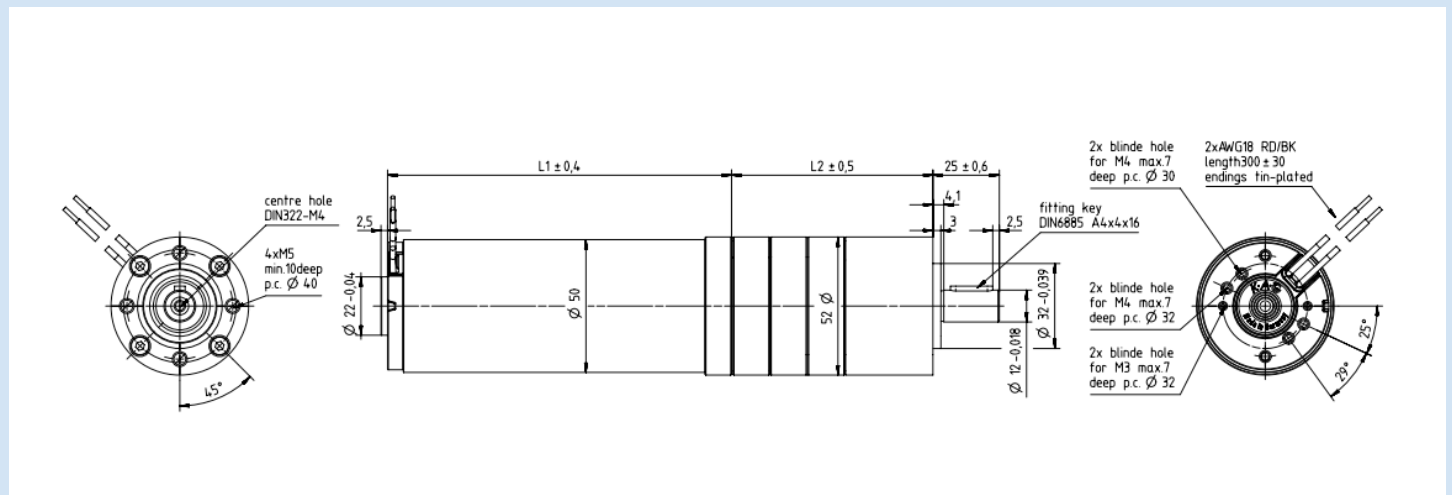


# Motor M50/I with planetary gear P52

- Steel gearhousing, aluminium gearflange
- Other reductions, output shaft or connection cable on request



## Gear reduction table M50xXX/I+ P52

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque	
				M50x28/I L1 = 95 mm	M50x65/I L1 = 130 mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]
3.7	1	80	810	32,5	53,3
7	1	80	428	61,6	100
14	2	75	214	115,5	189
25	2	75	120	206	337
46	2	75	65	380	621
93	3	70	32	716	1171
169	3	70	18	1300	2129
308	3	70	9,7	2371	2500*

\*) 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]	400	1200	2500
Permissible shaft load	[N] (axial / radial)	60 / 200	100 / 320	150 / 450
Gear length L2	[mm]	47,7	61,8	75,9

Stand: 4. August 2020 – changes reserved