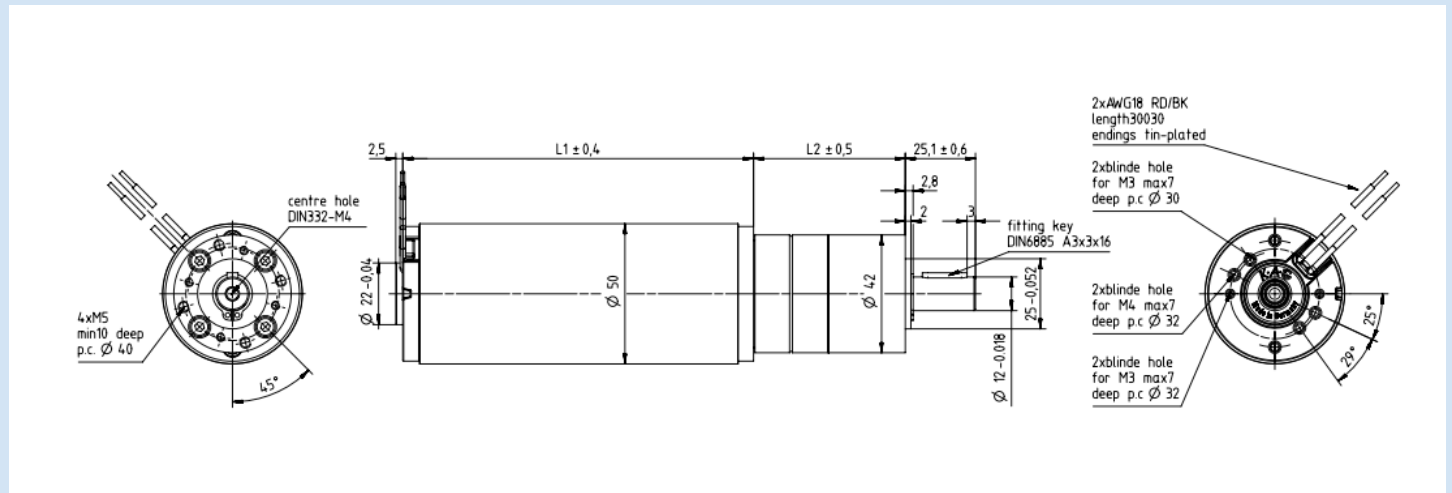


# Motor M50/I with planetary gear P42

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



**Gear reduction table M50xXX/I+ P42**

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque	
				M50x28/I L1 = 91 mm	M50x65/I L1 = 126 mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]
3.7	1	80	800	32,5	53
7	1	80	430	61,6	100
14	2	75	215	115	190
25	2	75	120	206	337
46	2	75	65	380	621
93	3	70	33	716	1172
169	3	70	18	1300	1500*
308	3	70	10	1500*	1500*

\*) 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]	300	750	1500
Permissible shaft load	[N] (axial / radial)	50 / 160	80 / 230	110 / 300
Gear length L2	[mm]	41,2	54,3	67,4

Stand: 4. August 2020 – changes reserved