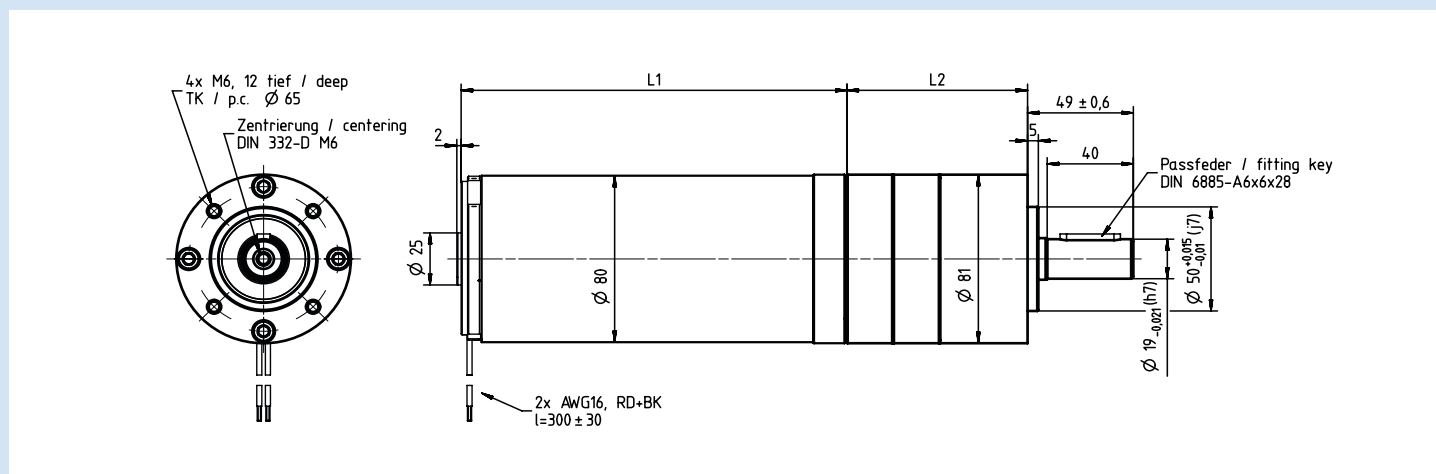


Motor M80 with planetary gear P811

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



Gear reduction table M80xXX/I+ P811

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque	
				M80x40/I L1 = 139 mm	M80x80/I L1 = 179 mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]
3,7	1	80	810	112	207
7	1	80	428	213	392
14	2	75	214	399	735
25	2	75	120	713	1313
46	2	75	65	1311	2415
93	3	70	32	2474	4557
169	3	70	18	4495	8281
308	3	70	9,7	8193	12000*

*) 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]	2000	6000	12000
Permissible shaft load	[N] (axial / radial)	80 / 400	120 / 600	200 / 1000
Gear length L2	[mm]	62,2	83,8	105,5

29.04.2025 – changes reserved