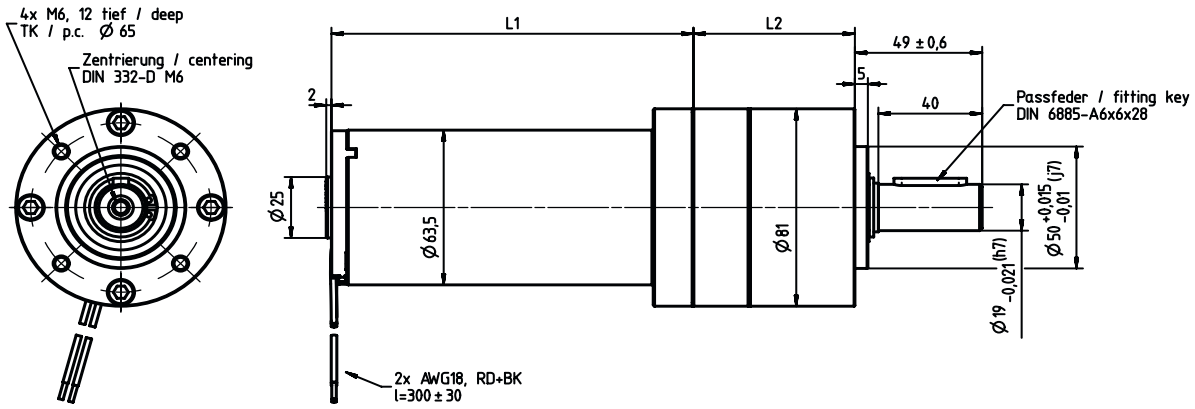
Motor M63
with planetary gear P81I

excellent drives

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



Gear reduction table M63xXX/I+ P81I

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque			
				M63x25/I L1 = 105 mm	M63x40/I L1 = 120 mm	M63x60/I L1 = 140 mm	
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm] 12V	[Ncm] 24V
3,7	1	80	810	41,4	53,3	65,1	88,8
7	1	80	428	78,4	101	123	168
14	2	75	214	147	189	231	315
25	2	75	120	262	338	413	563
46	2	75	65	483	621	759	1035
93	3	70	32	911	1172	1535	2093
169	3	70	18	1656	2129	2789	3803
308	3	70	9,7	3018	3881	5082	6930

*) Motor have to be operated with current limitation

General gear data

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

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