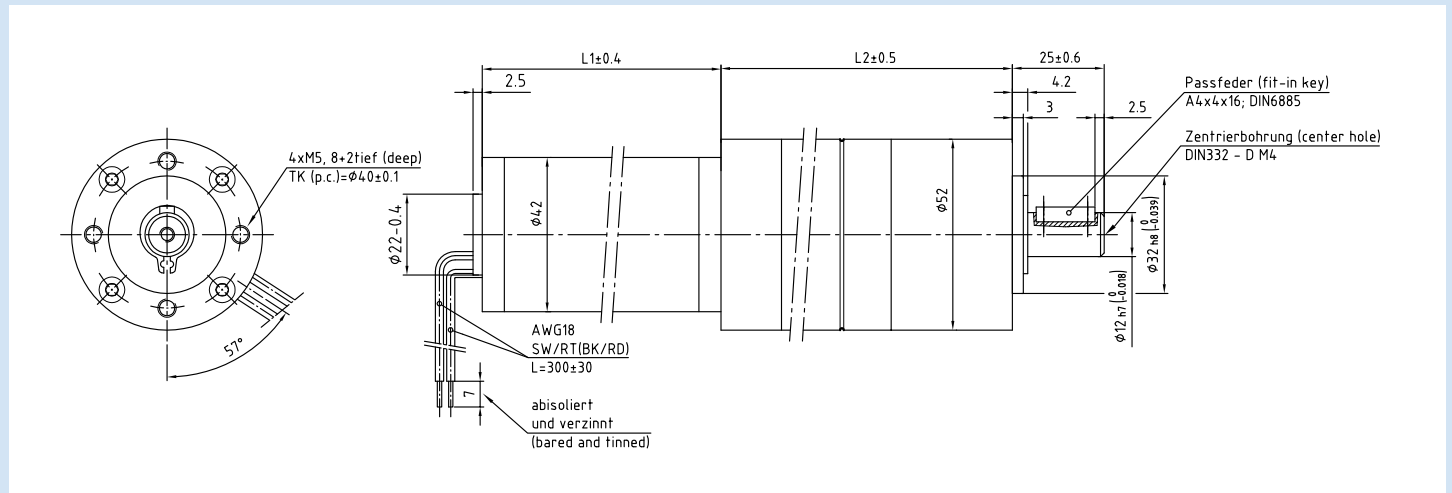


Motor M42/I with planetary gear P52

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



Gear reduction table M42xXX/I+ P52

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque			
				M42x15/I L1 = 64 mm	M42x20/I L1 = 69 mm	M42x30/I L1 = 79 mm	M42x40/I L1 = 89 mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]	[Ncm] 12V [Ncm] 24V
3.7	1	80	810	11,8	14,8	19,24	23,6 26,6
7	1	80	428	22,4	28	36	45 50,4
14	2	75	214	42	52,5	68	84 94,5
25	2	75	120	75	94	122	150 168,7
46	2	75	65	138	172	225	276 310
93	3	70	32	260	325	423	520 585
169	3	70	18	473	591	770	946 1064
308	3	70	9,7	862	1078	1400	1725 1940

*) 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]	57,7	71,8	85,9

Stand: 4. August 2020 – changes reserved