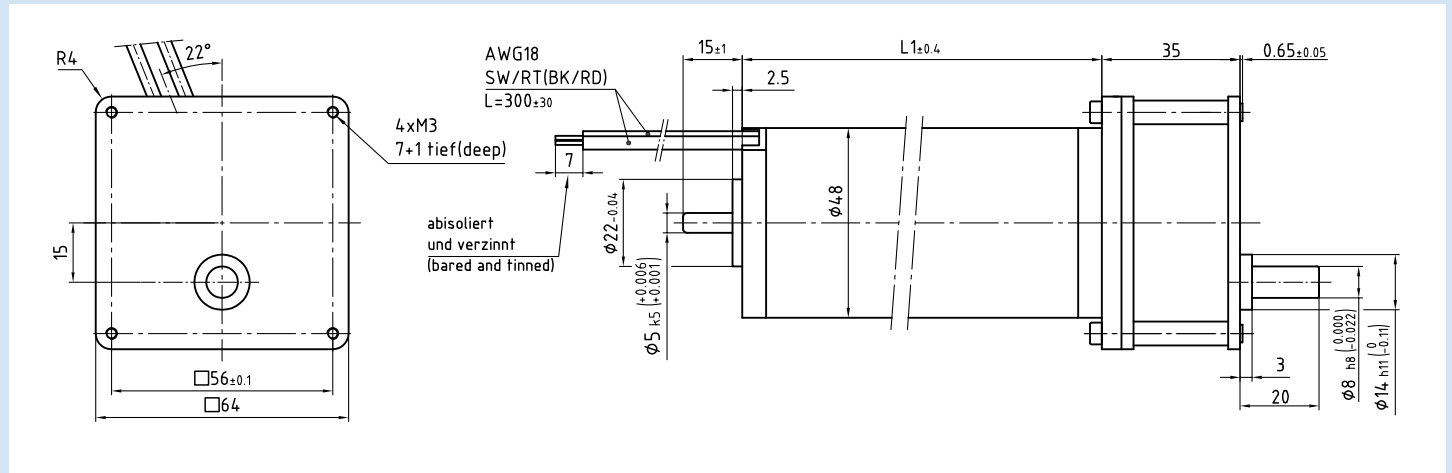


Motor M48 with spur gear S5

- Platinum, gears made of nitrided steel, output shaft of steel, permanent grease lubrication, output in sintered bronze bearings, plastic cover
- Optional: output shaft with ball bearings
- Further gear reductions on request



Gear reduction table M48xXX/I+ S5

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continous torque		
				M48x25/I L = 91mm	M48x50/I L = 116mm	M48x60/I L = 126mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]
10	3	73	300	37	73	110
30	4	66	100	99	198	297
50	4	66	60	165	330	495
100	5	59	30	295	500*	500*

*) Motor have to be operated with current limitation

General gear data

Maximum torque	[Ncm]	500
Recommended input speed	[1/min]	< 3000
Permissible axial shaft load	[N]	20
Permissible radial shaft load	[N]	30
Backlash unloaded	[°]	0,9-2
Temperature range	[°C]	-10 to +65
Gear length	[mm]	49

Stand: 24. Juli 2024 – Änderungen vorbehalten