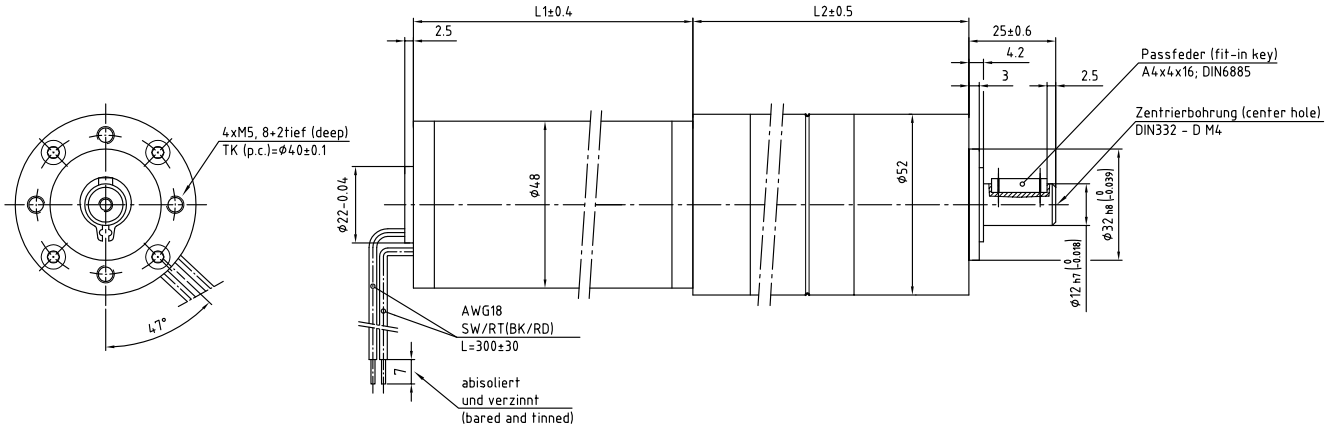
Motor M48/I
with planetary gear P52

excellent drives

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



Gear reduction table M48xXX/I+ P52

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque			
				M48x25/I L1 = 85 mm	M48x28/I L1 = 85 mm	M48x50/I L1 = 110 mm	M48x60/I L1 = 120 mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]	[Ncm]
3,7	1	80	810	14,8	30	30	44,4
7	1	80	428	28	56	56	84
14	2	75	214	52,5	105	105	157
25	2	75	120	94	187	187	281
46	2	75	65	172	345	345	517
93	3	70	32	325	651	651	976
169	3	70	18	591	1183	1183	1775
308	3	70	9,7	1078	2156	2156	2500*

*) Motor have to be operated with current limitation

General gear data

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

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Kählig Antriebstechnik GmbH
Pappelweg 4
D-30179 Hannover/Germany

fon: +49 511 67493-0
fax: +49 511 67493-67
info@kag-hannover.de

www.kag-hannover.de