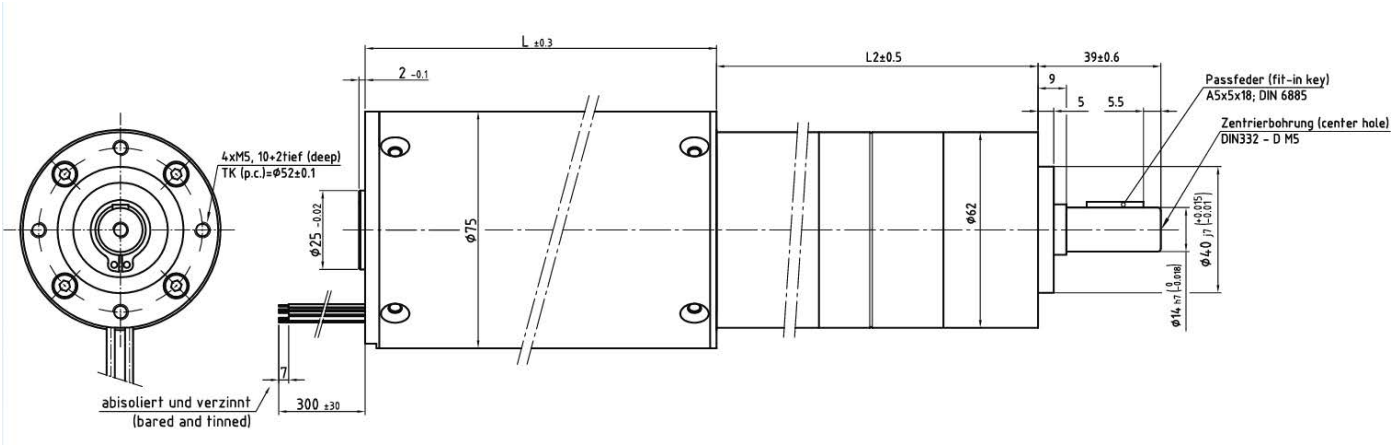
Motor ECM75/I
with planetary gear P52

excellent drives

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



Gear reduction table ECM75xXX/I+ P52

Application on request

Gear reduction	Number of gear stages	Efficiency of the gear	Speed at motor-speed 3000rpm	Continuous torque		
				ECM75x20/I L1 = 101,5 mm	ECM75x40/I L1 = 121,5 mm	ECM75x60/I L1 = 141,5 mm
[i = x:1]	[x]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]
3,7	1	80	810	59	118	207
7	1	80	428	112	224	392
14	2	75	214	210	420	735
25	2	75	120	375	750	1200*
46	2	75	65	690	1200*	1200*
93	3	70	32	1302	2500*	2500*
169	3	70	18	2366	2500*	2500*
308	3	70	9,7	2500*	2500*	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]	47,7	61,8	75,9

Stand: 4. August 2020 – changes reserved

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