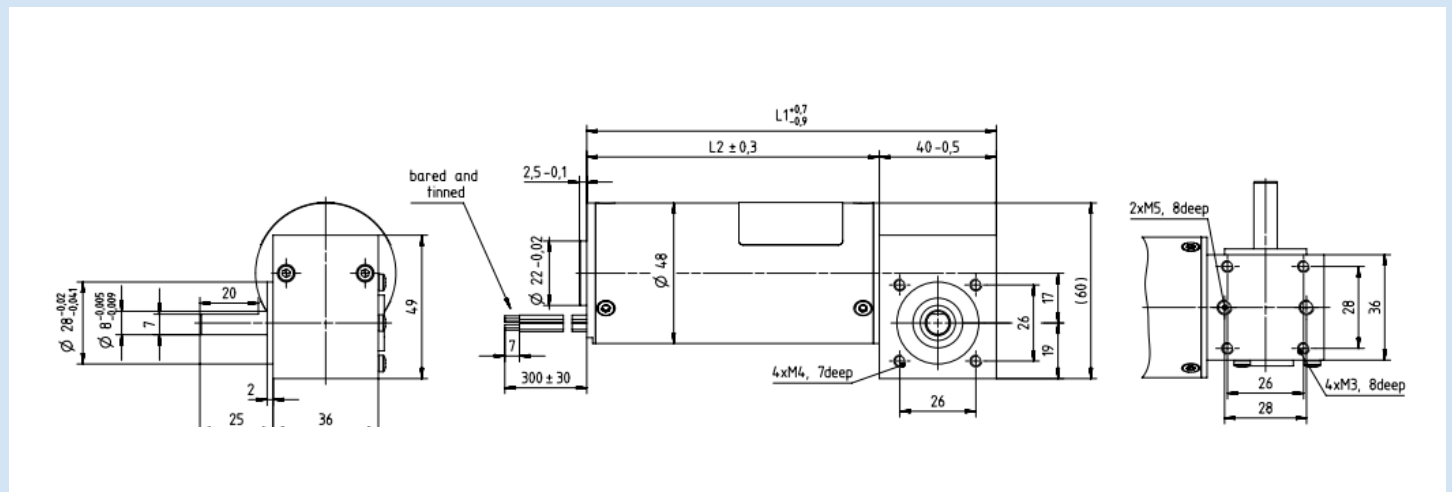


# Motor ECM48 with worm gear SN17

- Aluminium gearhousing, hardened steel worm wheel, permanent grease lubrication, output with ball bearing, optional second shaft or output shaft left
- Other reductions, output shaft or connection cable on request



**Gear reduction table ECM48xXX/I+ SN17**

Application on request

Gear reduction	Efficiency of the gear	Speed at motor-speed 3000rpm	Nominal torque in S1-operation		
			ECM48x20/I L2 = 80 mm	ECM48x40/I L2 = 100 mm	ECM48x60/I L2 = 120 mm
[i = x:1]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]
10	69	300	41,4	110,4	158,7
15	61	200	54,9	146,4	210,45
25	48	120	72	192	276
40	34	75	81,6	217,6	300*
50	38	60	114	300*	300*
75	25	40	112,5	300*	300*

Gear reduction	Efficiency of the gear	Speed at motor-speed 3000rpm	Nominal torque in S3-operation		
			ECM48x20/I L2 = 80 mm	ECM48x40/I L2 = 100 mm	ECM48x60/I L2 = 120 mm
[i = x:1]	[%]	[1/min]	[Ncm]	[Ncm]	[Ncm]
10	74	300	66,6	177,6	255,3
15	68	200	91,8	244,8	300*
25	56	120	126	300*	300*
40	39	75	140,4	300*	300*
50	42	60	189	300*	300*
75	28	40	189	300*	300*

\*) Motor have to be operated with current limitation

## General gear data

Material worm wheel		Brass
Maximum torque	[Ncm]	300
Permissible shaft load	[N] (axial / radial)	80 / 200
Gear length L2	[mm]	40

Stand: 24. Juli 2020 – changes reserved