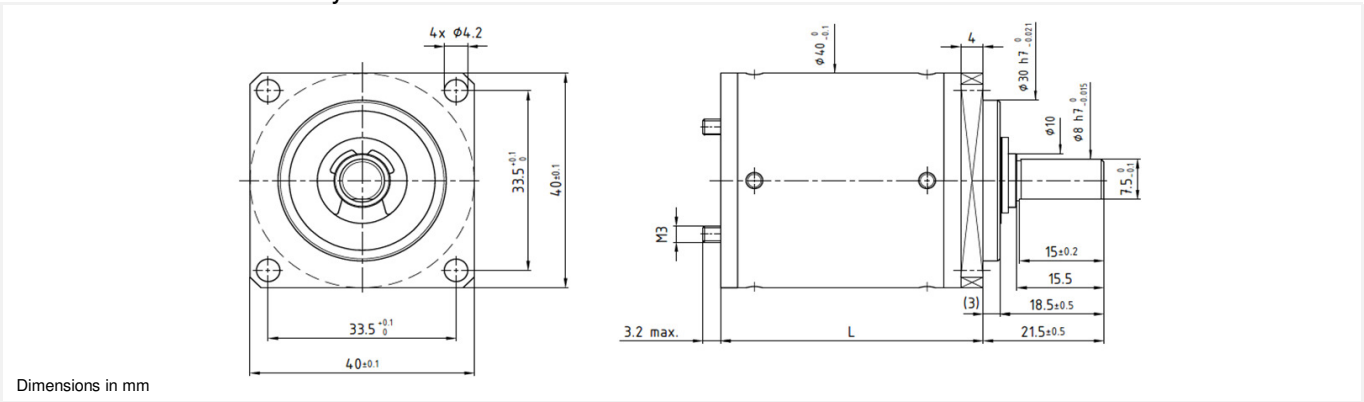


R40

Planetary Gearbox

Ø 40mm

10 Nm



Dimensions in mm

Ratio	****	3.56	5.6	15.2	24	54.2	85.3	134	193	303	478	753
1 Number of Gear Stages		1	1	2	2	3	3	3	4	4	4	4
2 Direction of Rotation		=	=	=	=	=	=	=	=	=	=	=
3 Efficiency		0.85	0.85	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
4 L(mm)		38.3	38.3	46.8	46.8	55.3	55.3	55.3	63.8	63.8	63.8	63.8
5 Weight g (oz)		245 (8.642)	245 (8.642)	285 (10.052)	285 (10.052)	340 (11.993)	340 (11.993)	340 (11.993)	400 (14.109)	400 (14.109)	400 (14.109)	400 (14.109)
6 Available with Motor - L2 = Length with motor (mm)												
<b>25GT82</b>		91.75	91.75	100.25	100.25	108.75	108.75	108.75	117.25	117.25	117.25	117.25
<b>28DT12</b>		102.9	102.9	111.4	111.4	119.9	119.9	119.9	128.4	128.4	128.4	128.4
<b>30GT82</b>		101.2	101.2	109.7	109.7	118.2	118.2	118.2	126.7	126.7	126.7	126.7
<b>35NT32/82</b>		95.5	95.5	104	104	112.5	112.5	112.5	121	121	121	121
<b>35GLT82</b>		105.5	105.5	114	114	122.5	122.5	122.5	131	131	131	131

Characteristics		R40 - 0 - ....	
7 Shaft Bearings		Ball Bearing	
8 Maximum Static Torque	Nm (oz-in)	40 (5700)	
9 Maximum Radial Force			
@ 8mm from mounting face	N (lb)	600 (135)	
10 Maximum Axial Force	N (lb)	400 (90)	
11 Maximum Press Fit Force	N (lb)	600 (135)	
12 Average Backlash @ no-load		1°	
13 Average Backlash @ 0.3 Nm		1.3°	
Shaft Play:			
14 -radial	µm	≤ 10	
15 -axial	µm	≤ 10	
16 Maximum Recommended Input Speed	rpm	6000	
17 Operating Temperature Range:	°C (°F)	-30 to +85 (-22 to +185)	

Motor + gearbox = L2

